

Question ID 6bc0e595

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 6bc0e595

One aspect of in-person shopping that online shopping can't replicate is the opportunity to touch a product before buying it. Does this difference matter? In an experiment, researchers asked one group of participants to touch a mug and a toy, while another group was prohibited from touching the two items. The participants were then asked how much money they'd pay for the items. People who got to touch the items were willing to pay much more money for them than were people who weren't allowed to touch the items. This finding suggests that _____

Which choice most logically completes the text?

- A. people who mainly shop online probably spend more money every month than people who mainly shop in person do.
- B. in-person shopping may make products seem more valuable than they seem if only viewed online.
- C. retailers with in-person and online stores should charge the same price for a given product in both places.
- D. online retailers may be able to raise the prices they charge for products that are only available online.

ID: 6bc0e595 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text tells us that "people who got to touch the items were willing to pay much more money for them than people who weren't allowed to touch" them. This suggests that being able to interact with a product in person may make it seem more valuable to a shopper.

Choice A is incorrect. The text doesn't discuss how much people spend each month, so there's not much basis for this claim. Furthermore, since being able to touch a product tends to make people "willing to pay much more money" for it, we might predict that an online shopper would be willing to spend less on the same purchases as an in-person shopper. Choice C is incorrect. The text doesn't discuss what retailers "should charge," so there's not much basis for this claim. Furthermore, the study in the text suggests that in-person stores may actually be able to charge more for a given product, since shoppers can touch it. Choice D is incorrect. The text doesn't discuss products that are only available online, so there's not much basis for this claim. Furthermore, products only available online would still have the problem of shoppers not being able to touch them, and the study suggests that this lowers the prices shoppers are willing to pay.

Question Difficulty: Easy

Question ID c538954d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c538954d

Sense and Sensibility is an 1811 novel by Jane Austen. In the novel, Austen describes Marianne Dashwood's ability to persuade others of the rightness of her artistic judgments, as is evident when Marianne visits with John Willoughby, a potential suitor: _____

Which quotation from *Sense and Sensibility* most effectively illustrates the claim?

- A. "Above all, when she heard him declare, that of music and dancing he was passionately fond, she gave him such a look of approbation as secured the largest share of his discourse to herself for the rest of his stay."
- B. "Their taste was strikingly alike. The same books, the same passages were idolized by each—or if any difference appeared, any objection arose, it lasted no longer than till the force of her arguments and the brightness of her eyes could be displayed."
- C. "It was only necessary to mention any favourite amusement to engage her to talk. She could not be silent when such points were introduced, and she had neither shyness nor reserve in their discussion."
- D. "They speedily discovered that their enjoyment of dancing and music was mutual, and that it arose from a general conformity of judgment in all that related to either. Encouraged by this to a further examination of his opinions, she proceeded to question him on the subject of books."

ID: c538954d Answer

Correct Answer: B

Rationale

Choice B is the best answer. By showing that "any difference" in taste was quickly overcome by "the force of [Marianne's] arguments," this choice effectively demonstrates Marianne's "ability to persuade others."

Choice A is incorrect. This choice doesn't effectively illustrate the claim. This choice shows that Marianne and John share an interest in music and dancing, but it doesn't provide evidence of Marianne's "ability to persuade others." Choice C is incorrect. This choice doesn't effectively illustrate the claim. This choice shows that Marianne enjoys talking about her interests, but it doesn't provide evidence of Marianne's "ability to persuade others." Choice D is incorrect. This choice doesn't effectively illustrate the claim. This choice shows that Marianne and John share many interests and generally agree on music and dancing, but it doesn't provide evidence of Marianne's "ability to persuade others."

Question Difficulty: Medium

Question ID 9debe79a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 9debe79a

Average Temperatures in July in Four Locations in the Navajo Nation

Location	Average highest temperature (Fahrenheit)	Average lowest temperature (Fahrenheit)
Teec Nos Pos	94°	65°
Cameron	99°	65°
Ramah	83°	50°
Tuba City	83°	50°

The Navajo Nation has the largest land area of any tribal nation in the United States: over 27,000 square miles in the Southwest. Because this area is so huge and its communities are located at various elevations, the people of the Navajo Nation can experience different climate conditions depending on where they live. For example, in July, _____

Which choice most effectively uses data from the table to complete the statement?

- A. the lowest temperature for both Cameron and Teec Nos Pos was 65°.
- B. Tuba City's average highest temperature was 94°, while Teec Nos Pos's was 93°.
- C. Ramah's average highest temperature was 83°, while Cameron's was 99°.
- D. the lowest temperature for both Ramah and Tuba City was 50°.

ID: 9debe79a Answer

Correct Answer: C

Rationale

Choice C is the best answer because it effectively uses data from the table to complete the statement, providing an example of how the people of the Navajo Nation can experience different climate conditions depending on where they live. The table shows the average highest temperatures and average lowest temperatures in four locations in the Navajo Nation in July. According to the table, Ramah's average highest temperature for July was 83°, whereas Cameron's average highest temperature was much higher, at 99°. This difference illustrates the statement that the people of the Navajo Nation can experience different climate conditions depending on where they live.

Choice A is incorrect because it states that Cameron and Teec Nos Pos had the same average lowest temperature (65°) for July, which suggests a similarity in climate conditions in those locations rather than a difference. Choice B is incorrect because it misrepresents the data from the table, which shows that the average highest temperature in July for Tuba City was 83°, not 94°, and for Teec Nos Pos it was 94°, not 93°. Even if the cited data accurately reflected the data in the table, the similarity between the two values for average highest temperature would suggest that people in the two locations likely experience similar climate conditions, not different climate

conditions. Choice D is incorrect because it states that Ramah and Tuba City had the same average lowest temperature (50°) for July, which suggests a similarity in climate conditions in those locations rather than a difference.

Question Difficulty: Easy

Question ID f9bd4e61

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f9bd4e61

German theater practitioner Bertolt Brecht (1898–1956) believed that theater should elicit an intellectual rather than an emotional response from audiences, provoking them to consider social and political realities that extend beyond the characters and events depicted onstage. Brecht's influence can be seen in English playwright Caryl Churchill's 1979 play *Cloud 9*: although the play sometimes invites empathetic reactions, it primarily works to engage audiences in an interrogation of patriarchy and colonialism, which it does by placing audiences at a distance, thereby encouraging them to _____

Which choice most logically completes the text?

- A. focus on the characters' beliefs about social and political issues as revealed by the characters' actions.
- B. reflect on social and political phenomena not directly related to patriarchy and colonialism.
- C. recognize pertinent social and political parallels between Germany during Brecht's time and England at the time when Churchill was writing *Cloud 9*.
- D. be dispassionate as they think critically about the social and political questions raised by the play.

ID: f9bd4e61 Answer

Correct Answer: D

Rationale

Choice D is the best answer. Churchill's play was influenced by Brecht's belief that theater should elicit an intellectual rather than an emotional response from audiences, making them think about social and political issues that also exist outside of the play. Therefore, it makes sense that Churchill would strive to have audiences think dispassionately (i.e., without emotion) and critically about the social and political questions raised by the play.

Choice A is incorrect. The passage mentions that Churchill was influenced by Brecht's belief that plays should provoke audience members "to consider social and political realities that extend beyond the characters and events depicted onstage," so there's no basis for an inference about audience members deeply engaging with characters' beliefs and actions. Choice B is incorrect. Reflecting on things that aren't related to patriarchy and colonialism wouldn't "engage audiences in an interrogation of patriarchy and colonialism." That creates a confusing contradiction. Choice C is incorrect. No mention is made of social and political issues in Germany during Brecht's time, so there's no basis for this inference.

Question Difficulty: Hard

Question ID f7bd14de

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: f7bd14de

Several scholars have argued that conditions in England in the late ninth through early eleventh centuries—namely, burgeoning literacy amid running conflicts between England’s Anglo-Saxon kingdoms and Danish invaders—were especially conducive to the production of the Old English epic poem *Beowulf*, and they have dated the poem’s composition accordingly. It is not inconceivable that *Beowulf* emerged from such a context, but privileging contextual fit over the linguistic evidence of an eighth- or even seventh-century composition requires a level of justification that thus far has not been presented.

Which choice best states the main idea of the text?

- A. Although there are some grounds for believing that *Beowulf* was composed between the late ninth and early eleventh centuries, advocates for that view tend to rely on evidence that has been called into question by advocates for an earlier date.
- B. Although several scholars have dated *Beowulf* to the late ninth through early eleventh centuries, others have argued that doing so privileges a controversial interpretation of the social conditions of the period.
- C. Although *Beowulf* fits well with the historical context of England in the late ninth through early eleventh centuries, it fits equally well with the historical context of England in the seventh and eighth centuries.
- D. Although the claim of a late ninth- through early eleventh-century composition date for *Beowulf* has some plausibility, advocates for the claim have not compellingly addressed evidence suggesting an earlier date.

ID: f7bd14de Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately states the main idea of the text. The text states that some scholars have dated the composition of *Beowulf* to the late ninth through early eleventh centuries due to the poem’s fit with that period’s historical context. The text goes on to say that while it is “not inconceivable that *Beowulf* emerged from such a context”—that is, it is possible that *Beowulf* was composed during the late ninth through eleventh centuries—there is linguistic evidence that the poem was composed earlier, in the seventh or eighth century. According to the text, favoring the historical context over the linguistic evidence requires justification that scholars have not yet supplied. In other words, the text suggests that scholars who favor the later composition date need to explain why the poem’s fit with historical context should take precedence over the linguistic evidence, but they have not yet done so. Thus, the main idea of the text is that while there is some plausibility to the later composition date, advocates for the later date have not compellingly addressed evidence suggestive of an earlier date.

Choice A is incorrect because the text says that scholars who date the poem to the late ninth through early eleventh centuries have failed to account for the linguistic evidence that the poem may have been composed earlier, not that the evidence those scholars cite in favor of their view is unreliable or that anyone has cast doubt on that evidence. In other words, the text does not suggest that there are problems with the evidence cited by advocates of the later composition date, only that there is other evidence of an earlier composition date that those advocates need to consider. Choice B is incorrect because nothing in the text suggests that those scholars

who date the poem to the late ninth through early eleventh centuries are giving priority to a controversial view of the social conditions at that time. The text makes no reference to any controversy about how scholars interpret that historical period. Instead, the text suggests that scholars who date the poem on the basis of its fit with the historical context of England in the late ninth through early eleventh centuries have failed to account for linguistic evidence that the poem may have been composed earlier. Choice C is incorrect because the text says nothing about how well the poem fits the historical context of England in the seventh and eighth centuries, let alone that it fits that historical context as well as it fits the historical context of the late ninth through early eleventh centuries. Rather, the text says that there is linguistic evidence that the poem may have been composed in the seventh or eighth century.

Question Difficulty: Hard

Question ID baef99a5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: baef99a5

The following text is adapted from Oscar Wilde's 1891 novel *The Picture of Dorian Gray*. Dorian Gray is taking his first look at a portrait that Hallward has painted of him.

Dorian passed listlessly in front of his picture and turned towards it. When he saw it he drew back, and his cheeks flushed for a moment with pleasure. A look of joy came into his eyes, as if he had recognized himself for the first time. He stood there motionless and in wonder, dimly conscious that Hallward was speaking to him, but not catching the meaning of his words. The sense of his own beauty came on him like a revelation. He had never felt it before.

According to the text, what is true about Dorian?

- A. He wants to know Hallward's opinion of the portrait.
- B. He is delighted by what he sees in the portrait.
- C. He prefers portraits to other types of paintings.
- D. He is uncertain of Hallward's talent as an artist.

ID: baef99a5 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a statement about Dorian that is directly supported by the text. The narrator of the text says that when Dorian sees his portrait, "his cheeks flushed for a moment with pleasure" and "a look of joy came into his eyes." The narrator goes on to say that Dorian looked at the portrait "in wonder" and presents him as being so entranced by the portrait that he doesn't notice what Hallward is saying to him. All these details support the description of Dorian as being delighted by what he sees in the portrait.

Choice A is incorrect because Dorian isn't depicted as interested in Hallward's opinion of the portrait but rather as so enraptured by the painting that he's hardly even aware of Hallward. Choice C is incorrect because the portrait of Dorian is the only painting that is mentioned in the text, so there's no evidence that Dorian prefers portraits to other types of paintings. Although Dorian is depicted as delighted with this particular portrait, there's no way of knowing from the text whether he likes portraits better than other kinds of paintings. Choice D is incorrect because nothing in the text suggests that Dorian is uncertain about Hallward's talent. Instead, the text is focused on Dorian's delight with the portrait.

Question Difficulty: Easy

Question ID 3fc06a91

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 3fc06a91

Employment by Sector in France and the United States, 1800–2012 (% of total employment)

Year	Agriculture in France	Manufacturing in France	Services in France	Agriculture in US	Manufacturing in US	Services in US
1800	64	22	14	68	18	13
1900	43	29	28	41	28	31
1950	32	33	35	14	33	53
2012	3	21	76	2	18	80

Rows in table may not add up to 100 due to rounding.

Over the past two hundred years, the percentage of the population employed in the agricultural sector has declined in both France and the United States, while employment in the service sector (which includes jobs in retail, consulting, real estate, etc.) has risen. However, this transition happened at very different rates in the two countries. This can be seen most clearly by comparing the employment by sector in both countries in _____

Which choice most effectively uses data from the table to complete the statement?

- A. 1900 with the employment by sector in 1950.
- B. 1800 with the employment by sector in 2012.
- C. 1900 with the employment by sector in 2012.
- D. 1800 with the employment by sector in 1900.

ID: 3fc06a91 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents data from the table that most effectively complete the statement about the rates at which employment shifted in France and the United States. The text states that over the last two hundred years employment in the agricultural sector has declined while employment in the service sector has risen in both France and the US, and the data from the table reflect these trends. The text asserts, however, that the transition from agriculture to services “happened at very different rates in the two countries.” This assertion is best supported by a comparison of data from 1900 and 1950: the table shows that in those years, employment in agriculture went from 43% to 32% in France (a decline of 11 percentage points) and from 41% to 14% in the US (a decline of 27 percentage points), and that employment in services went from 28% to 35% in France (an increase of 7 percentage points) and from 31% to 53% in the US (an increase of 22 percentage points). In other words, the rate of change was greater in the US than in France for both sectors.

Choice B is incorrect because comparing the data for 1800 and 2012 would suggest a similar rate of change in the two countries, not very different rates: employment in agriculture went from 64% in 1800 to 3% in 2012 in France, which is close to the change from 68% in 1800 to 2% in 2012 in the US, while employment in services went from

14% in 1800 to 76% in 2012 in France, which is close to the change from 13% in 1800 to 80% in 2012 in the US. Choice C is incorrect because comparing the data for 1900 and 2012 would suggest a similar rate of change in the two countries rather than very different rates: employment in agriculture went from 43% in 1900 to 3% in 2012 in France, which is close to the change from 41% in 1900 to 2% in 2012 in the US, while employment in services went from 28% in 1900 to 76% in 2012 in France, which is close to the change from 31% in 1900 to 80% in 2012 in the US. Choice D is incorrect because comparing the data for 1800 and 1900 would suggest a similar rate of change in the two countries, not very different rates: employment in agriculture went from 64% in 1800 to 43% in 1900 in France, which is fairly close to the change from 68% in 1800 to 41% in 1900 in the US, while employment in services went from 14% in 1800 to 28% in 1900 in France, which is close to the change from 13% in 1800 to 31% in 1900 in the US.

Question Difficulty: Hard

Question ID 96802cc0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 96802cc0

For centuries, the widespread acknowledgment of the involvement of the cerebellum—a dense brain structure in vertebrates—in coordinating motor control in humans has hindered recognition of other possible functions of the structure. Neuroscience research from the last two decades now suggests that the cerebellum regulates emotion and social behavior, and recent research by Ilaria Carta and colleagues has identified a pathway connecting the cerebellum to a center for motivation and reward processing known as the ventral tegmental area (VTA).

Which choice best states the main idea of the text?

- A. The recent verification of a pathway between the VTA and the cerebellum confirms the cerebellum's long-suspected role in motor coordination.
- B. Recent advances in the field of neuroscience have challenged widely accepted claims about the function of a pathway connecting the VTA and the cerebellum.
- C. The cerebellum has primarily been thought to regulate motor functioning, but in recent years neuroscience researchers have been uncovering additional functions.
- D. Technological limitations have historically hindered the study of the cerebellum, but the recent development of new technologies has led to greater insights into its functions.

ID: 96802cc0 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text says that the cerebellum has long been thought to regulate motor functioning, but new research shows that it may also have other functions—including regulating emotion and social behavior and some connection to motivation and rewards processing.

Choice A is incorrect. The VTA is described as “a center for motivation and reward processing,” and the discovery of the pathway between the VTA and the cerebellum supports the theory that the cerebellum is involved in functions other than motor coordination. Choice B is incorrect. The text says that recent research has identified this pathway, but it doesn’t discuss any previous “widely accepted claims” about the pathway’s function. The “widespread acknowledgement” mentioned early in the passage is about the cerebellum alone, not its connection to the VTA. Choice D is incorrect. The text never discusses any technological limitations or any new technologies.

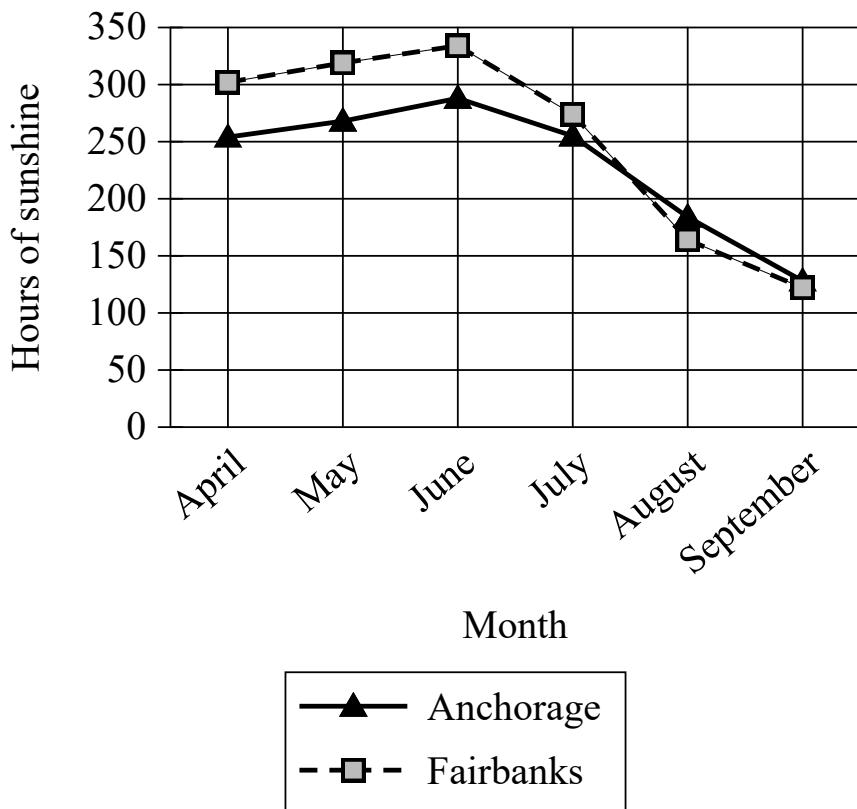
Question Difficulty: Hard

Question ID 8a668840

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 8a668840

Monthly Hours of Sunshine from April to September in Anchorage and Fairbanks, Alaska



A student is researching monthly hours of sunshine in different cities in Alaska. When comparing trends in Anchorage and Fairbanks, the student concludes that the two cities show a similar pattern in the monthly hours of sunshine from April to September.

Which choice best describes data from the graph that support the student's conclusion?

- A. The monthly hours of sunshine in both Anchorage and Fairbanks hold steady in June and July before beginning to decline in August.
- B. The monthly hours of sunshine in both Anchorage and Fairbanks increase from April to June and then decrease from June to September.
- C. Anchorage and Fairbanks both have less than 200 monthly hours of sunshine from April to September.
- D. Anchorage and Fairbanks both have more than 300 monthly hours of sunshine from April to June and less than 200 hours from July to September.

ID: 8a668840 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it best describes data from the graph that support the student's conclusion about weather patterns in Anchorage and Fairbanks. According to the graph, the amount of sunshine increases in both cities from April to June: in Anchorage, the number of monthly hours increases from about 250 to just under 300, and in Fairbanks the number of monthly hours increases from about 300 to just under 350. Also according to the graph, the amount of sunshine decreases in both cities from June to September: in Anchorage the number of monthly hours decreases from just under 300 to about 125, and in Fairbanks the number of monthly hours decreases from just under 350 to about 125. Thus, the monthly hours of sunshine in both cities follow a similar pattern, increasing from April to June and then decreasing from June to September.

Choice A is incorrect because, according to the graph, the monthly hours of sunshine in both Anchorage and Fairbanks decrease from June to July. They don't hold steady. In June there are slightly less than 300 hours of sunshine in Anchorage and slightly less than 350 hours in Fairbanks. Then, in July there are approximately 250 hours of sunshine in both cities. Choice C is incorrect because the graph shows that Anchorage and Fairbanks have less than 200 monthly hours of sunshine only in August and September. For the rest of the months represented in the graph, both cities have more than 200 monthly hours of sunshine. Choice D is incorrect because, according to the graph, Anchorage doesn't have more than 300 monthly hours of sunshine from April to June. In addition, both cities have more than 200 hours of sunshine in July, although the amount of sunshine does decrease to less than 200 monthly hours in August and September.

Question Difficulty: Medium

Question ID ec93e52c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: ec93e52c

Archaeologist Petra Vaiglova, anthropologist Xinyi Liu, and their colleagues investigated the domestication of farm animals in China during the Bronze Age (approximately 2000 to 1000 BCE). By analyzing the chemical composition of the bones of sheep, goats, and cattle from this era, the team determined that wild plants made up the bulk of sheep's and goats' diets, while the cattle's diet consisted largely of millet, a crop cultivated by humans. The team concluded that cattle were likely raised closer to human settlements, whereas sheep and goats were allowed to roam farther away.

Which finding, if true, would most strongly support the team's conclusion?

- A. Analysis of the animal bones showed that the cattle's diet also consisted of wheat, which humans widely cultivated in China during the Bronze Age.
- B. Further investigation of sheep and goat bones revealed that their diets consisted of small portions of millet as well.
- C. Cattle's diets generally require larger amounts of food and a greater variety of nutrients than do sheep's and goats' diets.
- D. The diets of sheep, goats, and cattle were found to vary based on what the farmers in each Bronze Age settlement could grow.

ID: ec93e52c Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a finding that, if true, would most strongly support the team's conclusion that cattle were likely raised closer to human settlements than sheep and goats were. The text explains that Vaiglova, Liu, and their colleagues analyzed the chemical composition of sheep, goat, and cattle bones from the Bronze Age in China in order to investigate the animals' domestication, or their adaptation from a wild state to a state in which they existed in close connection with humans. According to the text, the team's analysis showed that sheep and goats of the era fed largely on wild plants, whereas cattle fed on millet—importantly, a crop cultivated by humans. If analysis of the animal bones shows that the cattle's diet also consisted of wheat, another crop cultivated by humans in China during the Bronze Age, the finding would support the team's conclusion by offering additional evidence that cattle during this era fed on human-grown crops—and, by extension, that humans raised cattle relatively close to the settlements where they grew these crops, leaving goats and sheep to roam farther away in areas with wild vegetation, uncultivated by humans.

Choice B is incorrect because if it were true that sheep's and goats' diets consisted of small portions of millet, which the text states was a crop cultivated by humans, the finding would suggest that sheep and goats were raised relatively close to human settlements, weakening the team's conclusion that cattle were likely raised closer to those settlements than sheep and goats were. Choice C is incorrect because the finding that cattle generally require more food and nutrients than do sheep and goats wouldn't support the team's conclusion that cattle were likely raised closer to human settlements than sheep and goats were. Nothing in the text suggests that cattle were incapable of obtaining sufficient food and nutrients without access to human-grown crops. Hence, even if cattle's diets are found to have different requirements than the diets of sheep and goats, the cattle could have met those requirements from food located far from human settlements. Choice D is incorrect because

if it were true that the diets of sheep, goats, and cattle varied based on what the farmers in each Bronze Age settlement could grow, the finding would weaken the team's conclusion that cattle were likely raised closer to human settlements than sheep and goats were, suggesting instead that all three types of animals were raised close enough to human settlements to feed on those settlements' crops.

Question Difficulty: Hard

Question ID 4889580c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 4889580c

Archaeologists and historians used to believe that the Maya civilization during its Classic period (roughly 250–900) lacked agricultural marketplaces. One reason for this belief was that these scholars misunderstood the ecology of the regions the Maya inhabited. Marketplaces typically emerge because different individuals or groups want to trade resources they control for resources they don't control. Scholars seriously underestimated the ecological diversity of the Maya landscape and thus assumed that _____.

Which choice most logically completes the text?

- A. marketplaces likely would not have attracted many traders from outside the regions controlled by the Maya.
- B. farming practices would have been largely the same throughout Maya lands even if the crops people produced varied significantly.
- C. marketplaces would not have enabled Maya people to acquire many products different from those they already produced.
- D. farmers would trade agricultural products only if they had already produced enough to meet their own needs.

ID: 4889580c Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents the conclusion that most logically follows from the text's discussion of scholars' understanding of Maya ecology and agricultural marketplaces. The text indicates that scholars used to believe that during the Classic period, the Maya civilization didn't have agricultural marketplaces. According to the text, scholars held this view because they misunderstood the ecology of areas where the Maya lived. The text points out that people tend to create marketplaces in order to acquire resources they don't otherwise control. Agricultural marketplaces would have allowed farmers who produced one type of crop to trade that crop for other types of crops that they didn't produce. The text goes on to say, however, that scholars underestimated the ecological diversity of the Maya areas, meaning that scholars thought that the Maya landscape produced a smaller range of resources than it actually produced. Taken together, then, this information suggests that scholars assumed that marketplaces wouldn't have allowed Maya people to acquire products different from the products they already produced: that is, if everyone produced the same array of crops, as scholars mistakenly believed, then there wouldn't have been any need for marketplaces where people could trade those crops.

Choice A is incorrect because the text doesn't say anything about trade between the Maya and people from outside the regions controlled by the Maya. Although scholars' mistaken belief that the Maya lands weren't very ecologically diverse would give those scholars a reason to think that the Maya didn't have marketplaces, it wouldn't lead scholars to assume that traders from outside Maya lands were uninterested in acquiring resources produced by the Maya. Even if the Maya actually did produce only a small array of resources throughout their lands, there is no reason to believe from the text that people outside Maya lands also produced these same resources and thus would have no need to trade with the Maya people. Choice B is incorrect because the text indicates that scholars underestimated the ecological diversity of the Maya lands, which suggests that they

mistakenly believed that the Maya produced a relatively small array of resources throughout their territory, not that the crops the Maya produced varied significantly throughout the Maya lands. Although the scholars might have assumed that a lack of ecological diversity suggests that Maya farming practices were largely the same everywhere, the text does not support that they also assumed there was a lot of variation in the crops that Maya people produced. In fact, the text states that marketplaces emerge when people want to obtain resources they don't already control. If it were the case that scholars assumed that the crops Maya people produced varied significantly, this would have led them to conclude that Maya people likely established marketplaces so they could trade for resources they didn't already possess, not that the Maya civilization lacked marketplaces. Choice D is incorrect because nothing in the text suggests that scholars assumed that farmers wouldn't trade their agricultural products unless they had already met their own needs with those products. Instead, the text says that scholars thought that the Maya lands produced a smaller array of resources than they actually did, which the text suggests led scholars to assume that the Maya didn't have any need for marketplaces. The scholars' mistaken belief has no bearing on the issue of whether farmers met their own needs before trading their products.

Question Difficulty: Hard

Question ID b7d51f84

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: b7d51f84

In West Africa, jalis have traditionally been keepers of information about family histories and records of important events. They have often served as teachers and advisers, too. New technologies may have changed some aspects of the role today, but jalis continue to be valued for knowing and protecting their peoples' stories.

Which choice best states the main idea of the text?

- A. Even though there have been some changes in their role, jalis continue to preserve their communities' histories.
- B. Although jalis have many roles, many of them like teaching best.
- C. Jalis have been entertaining the people within their communities for centuries.
- D. Technology can now do some of the things jalis used to be responsible for.

ID: b7d51f84 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it best states the main idea of the text. According to the text, jalis' traditional role has been to maintain information about families' histories and significant events. The text goes on to say that although technological changes have altered jalis' role somewhat, jalis are still valued for preserving the histories of their communities.

Choice B is incorrect because the text says nothing about jalis' views of the various tasks they perform. There is no information to support the idea that many jalis prefer teaching to other tasks. Choice C is incorrect because the text doesn't describe jalis as being sources of entertainment. Rather, jalis are presented as valued sources of knowledge. Additionally, the text gives no indication of how long jalis have been serving their communities. Choice D is incorrect because the main focus of the text is on jalis' role and their continued value despite the effects of technology, not on what technology can now do. Although the text indicates that jalis' role has changed as a result of technological changes, the text doesn't present any specific information about technology performing tasks that jalis once performed.

Question Difficulty: Medium

Question ID 78b265b2

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 78b265b2

In 2014, Amelia Quon and her team at NASA set out to build a helicopter capable of flying on Mars. Because Mars's atmosphere is only one percent as dense as Earth's, the air of Mars would not provide enough resistance to the rotating blades of a standard helicopter for the aircraft to stay aloft. For five years, Quon's team tested designs in a lab that mimicked Mars's atmospheric conditions. The craft the team ultimately designed can fly on Mars because its blades are longer and rotate faster than those of a helicopter of the same size built for Earth.

According to the text, why would a helicopter built for Earth be unable to fly on Mars?

- A. Because Mars and Earth have different atmospheric conditions
- B. Because the blades of helicopters built for Earth are too large to work on Mars
- C. Because the gravity of Mars is much weaker than the gravity of Earth
- D. Because helicopters built for Earth are too small to handle the conditions on Mars

ID: 78b265b2 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents an explanation about a helicopter that is directly supported by the text. The text states that Mars's atmosphere is much less dense than Earth's, and as a result, the air on Mars doesn't provide the resistance required to support the blades of a helicopter built for Earth and to keep the helicopter aloft. In other words, a helicopter built for Earth can't fly on Mars because of the differences in the two planets' atmospheres.

Choice B is incorrect because instead of stating that the blades of helicopters built for Earth are too large to work on Mars, the text indicates that the helicopter built to fly on Mars actually has even longer blades than a helicopter built for Earth. Choice C is incorrect because the text never addresses the role of gravity on Mars or on Earth; instead, it focuses on atmospheric conditions. Choice D is incorrect because the text doesn't indicate that helicopters built for Earth are too small to operate in the conditions on Mars. In fact, the text states that the size of the helicopter built to fly on Mars is the same size as a helicopter built for Earth, even though it has longer blades that rotate faster.

Question Difficulty: Easy

Question ID e7dc27dc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: e7dc27dc

As a monthly newsletter formed in 1969 by a group of Asian American students at the University of California, Los Angeles, *Gidra* helped raise awareness about social and political issues concerning the Asian American community on campus and at large. The newsletter had an expansive reach for a publication of its kind: around 4,000 copies were published each month. A student writing a history paper, however, hypothesizes that *Gidra*'s influence cannot be measured by the number of newsletters published monthly alone.

Which finding, if true, would most directly support the student's hypothesis?

- A. The students who initially formed *Gidra* each contributed financially to its creation.
- B. In addition to covering current events, *Gidra* also featured works of art and literature.
- C. *Gidra* was initially based out of the Asian American Studies Center at UCLA.
- D. People would often give their copies of *Gidra* to others once they had finished reading an issue.

ID: e7dc27dc Answer

Correct Answer: D

Rationale

Choice D is the best answer. If there were more *Gidra* readers than there were copies of the newsletter, then the newsletter's influence would be much greater than its 4,000 monthly copies.

Choice A is incorrect. Information about the newsletter's initial funding doesn't tell us about the influence that the newsletter eventually had. Choice B is incorrect. While the content of *Gidra* was undoubtedly related to the newsletter's influence, this information isn't relevant to the specific hypothesis about monthly circulation numbers. Choice C is incorrect. Where the publishers of *Gidra* were initially based doesn't tell us about the newsletter's overall influence.

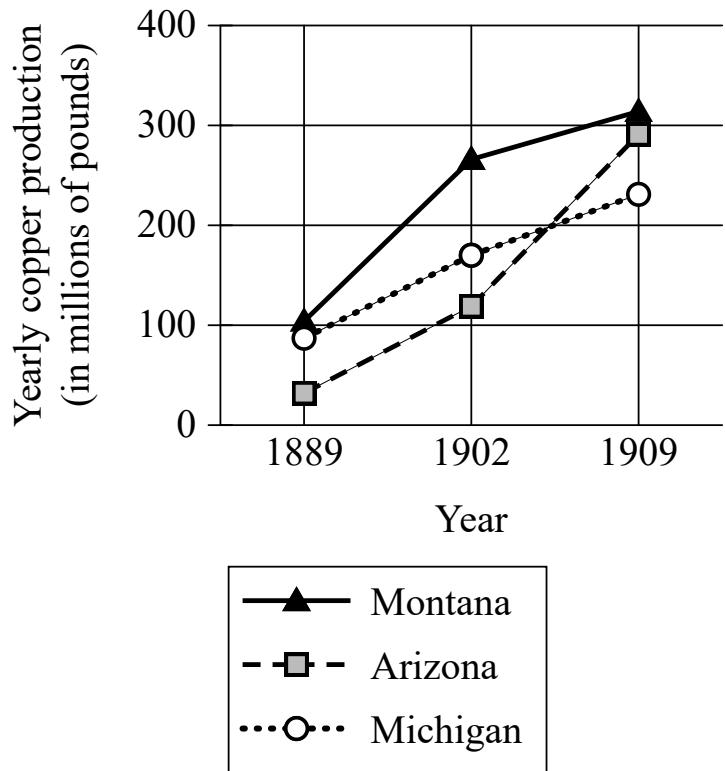
Question Difficulty: Easy

Question ID 30c3aa98

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: 30c3aa98

Copper Production for Three States, 1889-1909



Copper had been mined in the US for thousands of years, but large-scale commercial mining of copper took off starting in the late 1800s. This was due to several factors. Technological advancements in the mining industry led to improvements in the production of copper. This helped the country keep up with the growing number of people wanting to buy copper starting in the 1890s. At the same time, the growth of the railroad system made the transportation of copper in large batches much easier. Several states saw rapid growth in the production of this resource, for example:

Which choice most effectively uses the data in the graph to complete the example?

- A. The rise in copper production in Michigan slowed from 1902 to 1909.
- B. Montana and Arizona produced more copper than Michigan did in 1909.
- C. Fewer than 100 million pounds of copper were produced in Arizona in 1889.
- D. Copper production rose significantly from 1889 to 1909 for Arizona, Michigan, and Montana.

ID: 30c3aa98 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text asks us to provide examples of several states that saw rapid growth in copper production from the 1890s onward. The graph depicts Arizona, Michigan, and Montana all experiencing such rapid growth during this time period.

Choice A is incorrect. The claim is about states experiencing rapid growth in copper production. This statement only discusses one state and does not provide evidence of rapid growth—in fact, it discusses a slow-down of growth. Choice B is incorrect. The claim is about states experiencing rapid growth in copper production, and this statement provides a comparison of production rates between states, rather than an example of rapid growth. Choice C is incorrect. The claim is about several states experiencing rapid growth in copper production. This statement only discusses one state and does not provide evidence of growth in copper production.

Question Difficulty: Easy

Question ID d0f51067

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d0f51067

Modern dog breeds are largely the result of 160 years of owners crossbreeding certain dogs in order to select for particular physical appearances. Owners often say that some breeds are also more likely than others to have particular personality traits—basset hounds are affectionate; boxers are easy to train—but Kathleen Morrill and colleagues found through a combination of owner surveys and DNA sequencing of 2,000 dogs that while physical traits are predictably heritable among purebred dogs, behavior varies widely among dogs of the same breed.

Which choice best states the main idea of the text?

- A. Dog breeds would not exist without many years of human intervention in dogs' reproduction.
- B. Research fails to confirm a commonly held belief about dog breeds and behavior.
- C. The dog breeds most popular among owners have often changed over the past 160 years.
- D. A study of dog breeds is notable for its usage of both opinion surveys and DNA sequencing.

ID: d0f51067 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most accurately states the main idea of the text. The text indicates that dog owners typically claim that some dog breeds are “more likely than others to have particular personality traits.” In other words, the text points out that a commonly held belief about dog breeds is that their personality traits are heritable. The text then states that Kathleen Morrill and colleagues undertook research about dog trait heritability and found that “behavior varies widely among dogs of the same breed.” Because Morrill and colleagues found evidence for variability rather than consistency in the behavior of dogs of the same breed, the statement that research fails to uphold a commonly held belief about dog breeds and behavior accurately reflects the main idea of the text.

Choice A is incorrect. Although the text mentions that humans have long intervened in dogs' reproduction by intentionally crossbreeding certain dogs, it doesn't argue that such intervention is essential to the existence of dog breeds. Choice C is incorrect because the text doesn't discuss the popularity of any dog breeds; breeds are mentioned as having certain traits, but the text says nothing about the popularity of these breeds or traits.

Choice D is incorrect. Although the text briefly mentions that Morrill and colleagues conducted a study about dog traits using both surveys and DNA sequencing, this is not the main focus of the text. The text concerns the study's results about the heritability of dog traits, not the particular methodology used by Morrill and colleagues.

Question Difficulty: Hard

Question ID 3cc2eacc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 3cc2eacc

In a study of the mechanisms underlying associative memory—or the ability to learn and remember connections between inherently unrelated things—neuroscientists Kei Igarashi, Jasmine Chavez, and others presented mice with memory tests. The team discovered that fan cells, a type of cell found in the medial temporal lobe of the brain, are necessary for the acquisition of new associative memories. They also found that fan cell activity requires dopamine, a chemical the brain produces in response to pleasure and rewards. Consequently, receiving a reward should likely help to _____

Which choice most logically completes the text?

- A. decrease an individual's capacity to utilize dopamine.
- B. increase an individual's capacity to recognize differences between unrelated things.
- C. increase an individual's capacity to form associative memories.
- D. decrease an individual's capacity to create fan cells.

ID: 3cc2eacc Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text's discussion of the mechanisms underlying associative memory. The text explains that fan cells—a type of brain cell—are necessary for the acquisition of new associative memories, and that activity among these cells requires a chemical known as dopamine, which the brain produces in response to rewards. Since the brain cells that enable the formation of associative memories require dopamine in order to function, and since the brain produces dopamine in response to rewards, it can be inferred that receiving a reward should likely help to increase an individual's capacity to form associative memories.

Choice A is incorrect because the relationship between rewards and dopamine sketched by the text is that rewards result in the production of dopamine, not that they cause an individual's capacity to utilize dopamine to decrease. Choice B is incorrect. The text suggests that receiving a reward would produce dopamine and thereby assist with associative memory formation. However, the text never suggests that associative memory involves the capacity to recognize differences between unrelated things, indicating only that associative memory involves remembering what connects those things. Choice D is incorrect because the text never discusses how fan cells are initially created and therefore provides no evidence for a conclusion about how receiving a reward would affect their creation.

Question Difficulty: Medium

Question ID 54057e3f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	Three blue squares followed by one white square

ID: 54057e3f

Although military veterans make up a small proportion of the total population of the United States, they occupy a significantly higher proportion of the jobs in the civilian government. One possible explanation for this disproportionate representation is that military service familiarizes people with certain organizational structures that are also reflected in the civilian government bureaucracy, and this familiarity thus _____

Which choice most logically completes the text?

- A. makes civilian government jobs especially appealing to military veterans.
- B. alters the typical relationship between military service and subsequent career preferences.
- C. encourages nonveterans applying for civilian government jobs to consider military service instead.
- D. increases the number of civilian government jobs that require some amount of military experience to perform.

ID: 54057e3f Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the conclusion that most logically follows from the text's discussion of military veterans working in civilian government jobs in the United States. The text indicates that the proportion of military veterans working in civilian government jobs is considerably higher than the proportion of military veterans in the population as a whole. The text also notes that the unusually high representation of military veterans in these jobs may be a result of the organizational structures shared by civilian government entities and the military. Hence, it's reasonable to infer that it's the familiarity of the structures of civilian government that makes jobs there particularly attractive to military veterans.

Choice B is incorrect because the text doesn't address what a typical relationship between military service and later career preferences would be, and there's no indication that it's atypical for veterans to work in civilian government jobs after they've left the military. On the contrary, the text suggests that many military veterans are drawn to such jobs. Choice C is incorrect because the text is focused on the high representation of military veterans in civilian government jobs and doesn't address nonveterans or their possible interest in military service. Choice D is incorrect because the text conveys that military veterans may be particularly interested in civilian government jobs due to the familiarity of organizational structures that are already in place, but there's no reason to think that this interest would mean that more civilian government jobs will start to require military experience.

Question Difficulty: Medium

Question ID aadd60f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: aadd60f

Scientists studying Mars long thought the history of its crust was relatively simple. One reason for this is that geologic and climate data collected by a spacecraft showed that the crust was largely composed of basalt, likely as a result of intense volcanic activity that brought about a magma ocean, which then cooled to form the planet's surface. A study led by Valerie Payré focused on additional information—further analysis of data collected by the spacecraft and infrared wavelengths detected from Mars's surface—that revealed the presence of surprisingly high concentrations of silica in certain regions on Mars. Since a planetary surface that formed in a mostly basaltic environment would be unlikely to contain large amounts of silica, Payré concluded that _____.

Which choice most logically completes the text?

- A. the information about silica concentrations collected by the spacecraft is likely more reliable than the silica information gleaned from infrared wavelengths detected from Mars's surface.
- B. high silica concentrations on Mars likely formed from a different process than that which formed the crusts of other planets.
- C. having a clearer understanding of the composition of Mars's crust and the processes by which it formed will provide more insight into how Earth's crust formed.
- D. Mars's crust likely formed as a result of other major geological events in addition to the cooling of a magma ocean.

ID: aadd60f Answer

Correct Answer: D

Rationale

Choice D is the best answer. Cooling magma would create basalt, but "a planetary surface that formed in a mostly basaltic environment would be unlikely to contain large amounts of silica." Since Mars's crust does contain large amounts of silica, it is unlikely that Mars's crust was formed exclusively by cooling magma. Therefore, there were likely other major geological events that created the high silica concentrations.

Choice A is incorrect. Although the passage discusses these two methods of collecting data about Mars's crust, it never compares their reliability, so there's no basis for this inference. Choice B is incorrect. The passage never mentions anything about the crusts of other planets, so there's no basis for this inference. Choice C is incorrect. The passage never mentions Earth's crust, so there's no basis for this inference.

Question Difficulty: Hard

Question ID 1c69ff20

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 1c69ff20

For many years, the only existing fossil evidence of mixopterid eurypterids—an extinct family of large aquatic arthropods known as sea scorpions and related to modern arachnids and horseshoe crabs—came from four species living on the paleocontinent of Laurussia. In a discovery that expands our understanding of the geographical distribution of mixopterids, paleontologist Bo Wang and others have identified fossilized remains of a new mixopterid species, *Terropterus xiushanensis*, that lived over 400 million years ago on the paleocontinent of Gondwana.

According to the text, why was Wang and his team's discovery of the *Terropterus xiushanensis* fossil significant?

- A. The fossil constitutes the first evidence found by scientists that mixopterids lived more than 400 million years ago.
- B. The fossil helps establish that mixopterids are more closely related to modern arachnids and horseshoe crabs than previously thought.
- C. The fossil helps establish a more accurate timeline of the evolution of mixopterids on the paleocontinents of Laurussia and Gondwana.
- D. The fossil constitutes the first evidence found by scientists that mixopterids existed outside the paleocontinent of Laurussia.

ID: 1c69ff20 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it states why Wang and his team's discovery of the *Terropterus xiushanensis* fossil was significant. The text explains that up until Wang and his team's discovery, the only fossil evidence of mixopterids came from the paleocontinent of Laurussia. Wang and his team, however, identified fossil remains of a mixopterid species from the paleocontinent Gondwana. Therefore, the team's discovery was significant because the fossil remains of a mixopterid species were outside of the paleocontinent Laurussia.

Choice A is incorrect. Although the text states that Wang and his team identified fossilized remains of a mixopterid species that lived more than 400 million years ago, it doesn't indicate that mixopterid fossils previously found by scientists dated to a more recent period than that. Choice B is incorrect. Although the text states that mixopterids are related to modern arachnids and horseshoe crabs, it doesn't suggest that the fossil discovered by Wang and his team confirmed that this relationship is closer than scientists had previously thought. Choice C is incorrect because the team's fossil established the presence of mixopterids on Gondwana, not on Laurussia. Moreover, the text only discusses the fossil in relation to the geographical distribution of mixopterids, not in relation to their evolution.

Question Difficulty: Hard

Question ID 39e440e4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 39e440e4

Archaeologists have held that the Casarabe culture, which emerged in the southwestern Amazon basin in the first millennium CE, was characterized by a sparse, widely distributed population and little intervention in the surrounding wilderness. Recently, however, archaeologist Heiko Prümers and colleagues conducted a study of the region using remote-sensing technology that enabled them to create three-dimensional images of the jungle-covered landscape from above, and the researchers concluded that the Casarabe people developed a form of urbanism in the Amazon basin.

Which finding about the remote-sensing images, if true, would most directly support Prümers and colleagues' conclusion?

- A. They show shapes consistent with widely separated settlements of roughly equal small size surrounded by uncultivated jungle.
- B. They show shapes consistent with long-distance footpaths running from Casarabe territories to large cities outside the region inhabited by the Casarabe people.
- C. They show shapes consistent with scattered small farms created by clearing jungle areas near sources of fresh water.
- D. They show shapes consistent with monumental platforms and dense central settlements linked to smaller settlements by a system of canals and roadways.

ID: 39e440e4 Answer

Correct Answer: D

Rationale

Choice D is the best answer. This finding, if true, would support the archaeologists' conclusion. Dense central settlements linked to smaller ones would provide evidence of cities and suburbs—in other words, “a form of urbanism.”

Choice A is incorrect. This finding, if true, would weaken the archaeologists' conclusion. Widely separated, small settlements with jungle in between would support the long-held belief that the Casarabe culture “was characterized by a sparse, widely distributed population and little intervention in the surrounding wilderness.” Choice B is incorrect. This choice wouldn’t support the researchers’ conclusion. These large cities are located outside Casarabe territory, which doesn’t show evidence of Casarabe urbanism. Choice C is incorrect. This finding wouldn’t support the archaeologists’ conclusion. Scattered small farms in jungle clearings are not good evidence to support the existence of cities (“a form of urbanism”).

Question Difficulty: Hard

Question ID 29cde5fa

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 29cde5fa

"Mr. Cornelius Johnson, Office-Seeker" is a 1900 short story by Paul Laurence Dunbar. In the story, the narrator describes Mr. Cornelius Johnson's appearance as conveying his exaggerated sense of his importance: _____

Which quotation from "Mr. Cornelius Johnson, Office-Seeker" most effectively illustrates the claim?

- A. "He carried himself always as if he were passing under his own triumphal arch."
- B. "The grey Prince Albert was scrupulously buttoned about his form, and a shiny top hat replaced the felt of the afternoon."
- C. "It was a beautiful day in balmy May and the sun shone pleasantly on Mr. Cornelius Johnson's very spruce Prince Albert suit of grey as he alighted from the train in Washington."
- D. "Mr. Cornelius Johnson always spoke in a large and important tone."

ID: 29cde5fa Answer

Correct Answer: A

Rationale

Choice A is the best answer. This quote most effectively illustrates the claim. The claim is that the narrator describes Mr. Johnson as arrogant and self-important. This basically says that Mr. Johnson always looks like he's congratulating himself for something, which definitely supports the idea that Mr. Johnson is arrogant! .

Choice B is incorrect. This quote doesn't illustrate the claim. The claim is that the narrator describes Mr. Johnson's appearance as conveying his arrogance. This describes his appearance, but the description doesn't suggest a sense of arrogance. Choice C is incorrect. This quote doesn't illustrate the claim. The claim is that the narrator describes Mr. Johnson's appearance as conveying his arrogance. This doesn't describe Mr. Johnson's appearance very much, and it doesn't suggest a sense of arrogance. Choice D is incorrect. This quote doesn't effectively illustrate the claim. It describes Mr. Johnson's tone of voice as "large and important," but it doesn't describe his appearance as conveying a sense of self-importance.

Question Difficulty: Medium

Question ID c4d43991

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: c4d43991

Archaeologists have been debating the origin of a rare form of lead found in Shang dynasty (1766–1046 BCE) bronze artifacts since its presence was discovered in China in the 1990s. Different researchers have proposed theories on which regions of the world would have had the raw materials containing the specific lead in these artifacts, but no conclusive evidence has been presented. What is intriguing is that bronze artifacts from China dated after the Shang dynasty do not contain this form of lead, suggesting that _____

Which choice most logically completes the text?

- A. Shang dynasty bronze pieces are rare and therefore more valuable than those from other time periods.
- B. the source of some of the raw materials used to make bronze was exploited only until the end of the Shang dynasty.
- C. bronze was used for a short time during the Shang dynasty before different metals were used to make artifacts.
- D. methods used to analyze bronze artifacts are not useful on pieces that are dated after the Shang dynasty.

ID: c4d43991 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The passage tells us that Shang dynasty bronze artifacts contained "a rare form of lead," but that bronze artifacts after this time did not contain that lead. Although we don't know where that specific type of bronze came from, we can conclude that that source was not used after the end of the Shang dynasty—otherwise, post-Shang dynasty pieces would also contain that rare form of lead.

Choice A is incorrect. Despite these pieces containing "a rare form of lead," there is no direct claim in the passage that Shang dynasty bronze is itself more rare or valuable than bronze pieces from other periods. Therefore, there's no basis for this inference. Choice C is incorrect. Although the passage mentions that the nature of the bronze in Chinese artifacts changed after the Shang dynasty, bronze was still used to create artifacts after this time. The passage in fact explicitly states "bronze artifacts from China dated after the Shang dynasty...," indicating that bronze was still used in China after the Shang dynasty. Choice D is incorrect. There's no mention in the passage of methods used to analyze bronze artifacts, so there's no basis for this inference.

Question Difficulty: Easy

Question ID 4042ff0b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 4042ff0b

Comfort Ratings and Temperature-Adjustment Preferences from One Survey

Participant	Comfort rating	Preferred temperature adjustment
20	-2	Cooler
1	1	Cooler
21	1	Cooler

Nan Gao and her team conducted multiple surveys to determine participants' levels of comfort in a room where the temperature was regulated by a commercial climate control system. Participants filled out surveys several times a day to indicate their level of comfort on a scale from -3 (very cold) to +3 (very hot), with 0 indicating neutral (neither warm nor cool), and to indicate how they would prefer the temperature to be adjusted. The table shows three participants' responses in one of the surveys. According to the table, all three participants wanted the room to be cooler, _____

Which choice most effectively uses data from the table to complete the statement?

- A. and they each reported the same level of comfort.
- B. even though each participant's ratings varied throughout the day.
- C. but participant 20 reported feeling significantly colder than the other two participants did.
- D. but participant 1 reported feeling warmer than the other two participants did.

ID: 4042ff0b Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text describes the comfort rating scale: from -3 (very cold) to +3 (very hot), with 0 being neutral. Participant 20 gave a -2 comfort rating, a full three points colder on the scale than the other two participants.

Choice A is incorrect. This choice misreads the table. Participant 1 and participant 21 reported the same level of comfort, but participant 20's comfort level was three points lower. Choice B is incorrect. This choice doesn't use data from the table. The table only shows us one survey, so we don't know if the participants' ratings varied throughout the day. Choice D is incorrect. This choice misreads the table. Participant 1 and participant 21 reported the same level of comfort.

Question Difficulty: Easy

Question ID d0fbf1ae

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d0fbf1ae

Algae living within the tissues of corals play a critical role in keeping corals, and the marine ecosystems they are part of, thriving. Some coral species appear brown in color when healthy due to the algae colonies living in their tissues. In the event of an environmental stressor, the algae can die or be expelled, causing the corals to appear white. To recover the algae, the bleached corals then begin to produce bright colors, which block intense sunlight, encouraging the light-sensitive algae to recolonize the corals.

What does the text most strongly suggest about corals that produce bright colors?

- A. These corals have likely been subjected to stressful environmental conditions.
- B. These corals are likely more vulnerable to exposure from intense sunlight than white corals are.
- C. These corals have likely recovered from an environmental event without the assistance of algae colonies.
- D. These corals are more likely to survive without algae colonies than brown corals are.

ID: d0fbf1ae Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text says that corals produce bright colors to block sunlight and encourage algae to recolonize after “an environmental stressor.” From this, we can infer that corals that produce bright colors have probably been subjected to an environmental stressor.

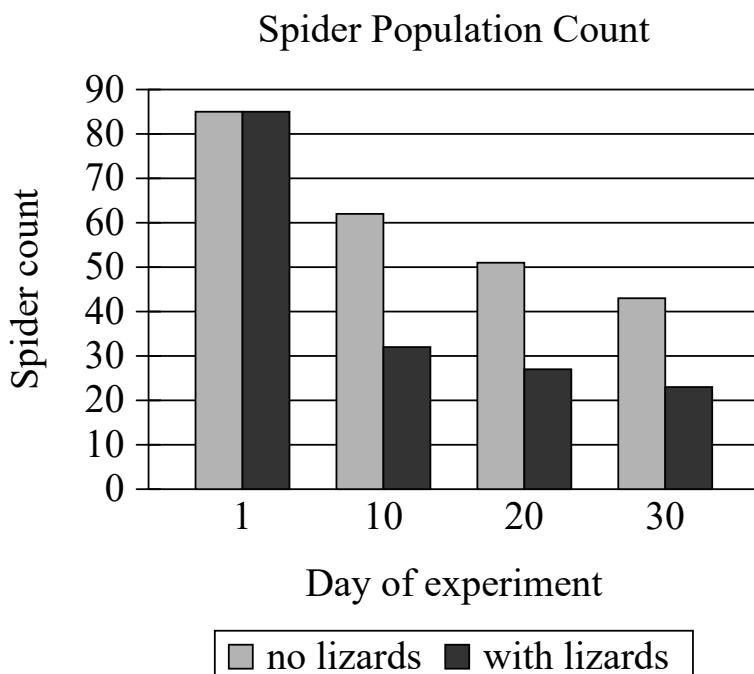
Choice B is incorrect. The text says that corals produce bright colors to block intense sunlight, which protects the light-sensitive algae that keep the coral healthy. In other words, bright colors make the coral’s health less vulnerable to intense sunlight. Choice C is incorrect. The text says that corals produce bright colors to encourage algae to recolonize, not that they have recovered without the assistance of algae colonies. Choice D is incorrect. The text never compares the likelihood of differently colored corals surviving without algae colonies.

Question Difficulty: Hard

Question ID b30a2613

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: b30a2613



To investigate the effect of lizard predation on spider populations, a student in a biology class placed spiders in two enclosures, one with lizards and one without, and tracked the number of spiders in the enclosures for 30 days. The student concluded that the reduction in the spider population count in the enclosure with lizards by day 30 was entirely attributable to the presence of the lizards.

Which choice best describes data from the graph that weaken the student's conclusion?

- A. The spider population count was the same in both enclosures on day 1.
- B. The spider population count also substantially declined by day 30 in the enclosure without lizards.
- C. The largest decline in spider population count in the enclosure with lizards occurred from day 1 to day 10.
- D. The spider population count on day 30 was lower in the enclosure with lizards than in the enclosure without lizards.

ID: b30a2613 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it describes data from the graph that weaken the student's conclusion about the reduction in the spider population in the enclosure with lizards. The graph shows that the enclosure with lizards and the enclosure without lizards each began with about 85 spiders, and that the number of spiders in each enclosure fell over the 30 days of the study. The student's claim is that the reduction in spiders in the enclosure with lizards is "entirely attributable to the presence of the lizards," meaning that the spider population wouldn't have declined except for the presence of the lizards. This claim is weakened, however, by the fact that the enclosure without lizards also saw a substantial reduction in the number of spiders. Since the number of

spiders fell in the enclosure without lizards as well as in the enclosure with lizards, there must be some other factor than just the presence of the lizards that contributed to the reduction in the spider population.

Choice A is incorrect because the fact that the two enclosures started with the same number of spiders is irrelevant to the claim that the reduction in spider population by day 30 in the enclosure with lizards can be entirely attributed to the lizards. Choice C is incorrect because the fact that the spider population in the enclosure with lizards fell more between days 1 and 10 than in other periods has nothing to do with the student's claim that the reduction in spiders in that enclosure by day 30 can be entirely attributed to the lizards. Choice D is incorrect. Although it's true that on day 30 the spider population was lower in the enclosure with lizards than in the enclosure without lizards, this fact doesn't weaken the student's claim that the reduction in the spider population in the enclosure with lizards can be entirely attributed to the lizards. Indeed, the lower spider population in the enclosure with lizards suggests that the lizards are contributing to the reduction in the spider population, though the fact that the spider population also fell substantially in the other enclosure means that the lizards aren't the only cause of the reduction.

Question Difficulty: Medium

Question ID 123bd312

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 123bd312

Herbivorous sauropod dinosaurs could grow more than 100 feet long and weigh up to 80 tons, and some researchers have attributed the evolution of sauropods to such massive sizes to increased plant production resulting from high levels of atmospheric carbon dioxide during the Mesozoic era. However, there is no evidence of significant spikes in carbon dioxide levels coinciding with relevant periods in sauropod evolution, such as when the first large sauropods appeared, when several sauropod lineages underwent further evolution toward gigantism, or when sauropods reached their maximum known sizes, suggesting that _____.

Which choice most logically completes the text?

- A. fluctuations in atmospheric carbon dioxide affected different sauropod lineages differently.
- B. the evolution of larger body sizes in sauropods did not depend on increased atmospheric carbon dioxide.
- C. atmospheric carbon dioxide was higher when the largest known sauropods lived than it was when the first sauropods appeared.
- D. sauropods probably would not have evolved to such immense sizes if atmospheric carbon dioxide had been even slightly higher.

ID: 123bd312 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the conclusion that most logically follows from the text's discussion of the relationship between atmospheric carbon dioxide and sauropod body size. The text establishes that sauropods evolved to reach enormous sizes, and it notes that some scientists have asserted that the cause of this phenomenon was increased plant production that resulted from increased atmospheric carbon dioxide. The text goes on to state, however, that atmospheric carbon dioxide levels didn't increase around the time of important periods in sauropods' evolution of larger body sizes. If significant periods of sauropod evolution toward larger sizes occurred without increased atmospheric carbon dioxide levels, that suggests that the evolution of larger sizes didn't depend on increased carbon dioxide in the atmosphere.

Choice A is incorrect because the text doesn't describe any fluctuations in atmospheric carbon dioxide, so there's no evidence in the text to support the conclusion that such fluctuations had different effects on different sauropod lineages. All that the text says about atmospheric carbon dioxide levels is that there weren't increases at particular points that correspond with key moments in sauropod evolution. Choice C is incorrect because the text indicates that there weren't significant increases in atmospheric carbon dioxide around the time of important periods in sauropods' evolution toward larger body sizes, not that atmospheric carbon dioxide was higher when the largest sauropods lived than when sauropods first appeared. Choice D is incorrect because the text indicates that atmospheric carbon dioxide levels didn't increase at important periods in sauropod evolution, not that higher levels would have affected that evolution. The text provides no information about how higher levels of atmospheric carbon dioxide might have affected sauropods.

Question Difficulty: Medium

Question ID 3f4ab688

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 3f4ab688

In a research paper, a student criticizes some historians of modern African politics, claiming that they have evaluated Patrice Lumumba, the first prime minister of what is now the Democratic Republic of the Congo, primarily as a symbol rather than in terms of his actions.

Which quotation from a work by a historian would best illustrate the student's claim?

- A. "Lumumba is a difficult figure to evaluate due to the starkly conflicting opinions he inspired during his life and continues to inspire today."
- B. "The available information makes it clear that Lumumba's political beliefs and values were largely consistent throughout his career."
- C. "Lumumba's practical accomplishments can be passed over quickly; it is mainly as the personification of Congolese independence that he warrants scholarly attention."
- D. "Many questions remain about Lumumba's ultimate vision for an independent Congo; without new evidence coming to light, these questions are likely to remain unanswered."

ID: 3f4ab688 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it illustrates the student's claim about some historians viewing Lumumba primarily as a symbol. This quotation argues that Lumumba "warrants" (or deserves) "scholarly attention" as a symbol and not for his "practical accomplishments"—that is, his actions as prime minister—which "can be passed over quickly," or dismissed as being of comparatively little importance. Thus, the quotation expresses the view that the student criticizes some historians for holding.

Choice A is incorrect. Although this quotation touches on the difficulty of evaluating Lumumba's legacy, it doesn't address how historians of modern African politics view him as a symbol. Choice B is incorrect. While this quotation mentions Lumumba's political beliefs, it doesn't discuss historians viewing him as a symbol. Choice D is incorrect. This quotation touches on Lumumba's vision for his country, but it doesn't discuss historians viewing him as a symbol.

Question Difficulty: Hard

Question ID 08395130

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 08395130

The Hubble Space Telescope (HST) is projected to maintain operation until at least 2030, but it has already revolutionized high-resolution imaging of solar-system bodies in visible and ultraviolet (UV) light wavelengths, notwithstanding that only about 6% of the bodies imaged by the HST are within the solar system. NASA researcher Cindy L. Young and colleagues assert that a new space telescope dedicated exclusively to solar-system observations would permit an extensive survey of minor solar-system bodies and long-term UV observation to discern how solar-system bodies change over time. Young and colleagues' recommendation therefore implies that the HST _____

Which choice most logically completes the text?

- A. will likely continue to be used primarily to observe objects outside the solar system.
- B. will no longer be used to observe solar system objects if the telescope recommended by Young and colleagues is deployed.
- C. can be modified to observe the features of solar system objects that are of interest to Young and colleagues.
- D. lacks the sensors to observe the wavelengths of light needed to discern how solar system bodies change over time.

ID: 08395130 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The HST will operate until at least 2030, but it's only observing stuff inside our solar system 6% of the time. If we could get a different telescope to observe stuff inside our solar system 100% of the time and take more extensive images of certain things, then the HST could continue to be used mainly for observing stuff outside the solar system.

Choice B is incorrect. This inference is too strong to be supported by the text. Even if the new telescope is deployed, the HST might still be used as it's being used now. Based on the text, the new telescope would just be used for more extensive and long-term imaging of solar system bodies, which doesn't necessarily overlap with the HST. Choice C is incorrect. This inference isn't supported. The text never mentions the possibility of modifying the HST, so there is no basis to make this inference. Rather, the researchers suggest using a different telescope to more closely observe certain objects. Choice D is incorrect. This inference is too strong to be supported. The text doesn't give us enough info to assume that the HST lacks any particular sensors.

Question Difficulty: Hard

Question ID 14189fbb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 14189fbb

Having written the impassioned call to arms “Letter to the Spanish Americans” in 1791, Peruvian intellectual Juan Pablo Viscardo y Guzmán is often considered a forerunner for the independence movements in Latin America. But Viscardo’s role in history would have remained insignificant were it not for Venezuelan revolutionary Francisco de Miranda, who was handed the unpublished letter after Viscardo’s death. Miranda not only helped circulate the letter, but his edits and footnotes to the text position Miranda as a central figure in the text’s creation.

Which choice best states the main idea of the text?

- A. The original authorship of “Letter to the Spanish Americans” is disputed by contemporary historians.
- B. The majority of the most eloquently stated arguments in “Letter to the Spanish Americans” were written by Miranda.
- C. Miranda played a crucial role in influencing the content and distribution of “Letter to the Spanish Americans.”
- D. “Letter to the Spanish Americans” persuaded many people in Latin America to pursue national independence.

ID: 14189fbb Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text describes how Miranda circulated, edited, and added footnotes to “Letter to the Spanish Americans,” and it claims that the letter and its author would have “remained insignificant” if it weren’t for Miranda’s efforts.

Choice A is incorrect. The text only says that Viscardo wrote the letter and that Miranda edited it: it never suggests that the original authorship of the letter is up for debate. Choice B is incorrect. This contradicts the text. The text says that Miranda edited and footnoted the letter, but it identifies Viscardo as the letter’s author. It also never identifies certain arguments as more eloquent than others. Choice D is incorrect. This is outside the scope of the text. The paragraph describes Miranda’s role in the creation and distribution of the letter, but it doesn’t get into the effects of the letter on other people.

Question Difficulty: Hard

Question ID cef77aa7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: cef77aa7

Geoglyphs are large-scale designs of lines or shapes created in a natural landscape. The Nazca Lines were created in the Nazca Desert in Peru by several Indigenous civilizations over a period of many centuries. Peruvian archaeologist Johny Isla specializes in these geoglyphs. At a German exhibit about the Nazca Lines, he saw an old photograph of a large geoglyph of a whalelike figure and was surprised that he didn't recognize it. Isla returned to Peru and used a drone to search a wide area, looking for the figure from the air. This approach suggests that Isla thought that if he hadn't already seen it, the whalelike geoglyph _____

Which choice most logically completes the text?

- A. must represent a species of whale that went extinct before there were any people in Peru.
- B. is actually located in Germany, not Peru, and isn't part of the Nazca Lines at all.
- C. is probably in a location Isla hadn't ever come across while on the ground.
- D. was almost certainly created a long time after the other Nazca Lines geoglyphs were created.

ID: cef77aa7 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text's discussion of Johny Isla and the whalelike geoglyph. The text indicates that the German exhibit about the Nazca Lines included a photograph showing a whalelike geoglyph that Isla hadn't known about before attending the exhibit, even though Isla "specializes in" Nazca Lines geoglyphs. Given his expertise, and his surprise at being unfamiliar with the whale glyph, the text strongly suggests that Isla believed he would have noticed the glyph if he had been to its location. Thus, the text implies that the whalelike geoglyph is likely in a location Isla had not previously been to.

Choice A is incorrect because the text doesn't address either the species of whale that the geoglyph is meant to represent or its relationship to the earliest humans in the area that is now Peru. Choice B is incorrect. Although the text indicates that the photograph of the whalelike geoglyph was on display at a "German exhibit," that exhibit was specifically "about the Nazca Lines," which the text indicates are located in Peru. Choice D is incorrect. Although the text does indicate that the glyphs were created "over a period of many centuries," the text doesn't address when in that period of time any particular glyphs were created.

Question Difficulty: Hard

Question ID dc3ea63e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: dc3ea63e

To dye wool, Navajo (Diné) weaver Lillie Taylor uses plants and vegetables from Arizona, where she lives. For example, she achieved the deep reds and browns featured in her 2003 rug *In the Path of the Four Seasons* by using Arizona dock roots, drying and grinding them before mixing the powder with water to create a dye bath. To intensify the appearance of certain colors, Taylor also sometimes mixes in clay obtained from nearby soil.

Which choice best states the main idea of the text?

- A. Reds and browns are not commonly featured in most of Taylor's rugs.
- B. Taylor draws on local resources in the approach she uses to dye wool.
- C. Taylor finds it difficult to locate Arizona dock root in the desert.
- D. *In the Path of the Four Seasons* is widely acclaimed for its many colors and innovative weaving techniques.

ID: dc3ea63e Answer

Correct Answer: B

Rationale

Choice B is the best answer. It best states the main idea of the text. The text opens with the statement that Taylor uses local plants and vegetables to dye wool. The rest of the text describes how she does this.

Choice A is incorrect. This doesn't state the main idea of the text. The text only mentions one rug: *In the Path of the Four Seasons*, in which reds and browns *are* featured. It never mentions whether or not these colors are featured in her other rugs. Choice C is incorrect. This doesn't state the main idea of the text. The text never says that Taylor finds it difficult to locate Arizona dock roots. Choice D is incorrect. This doesn't state the main idea of the text. The text never says that *In the Path of the Four Seasons* is widely acclaimed. Rather, it discusses the rug to illustrate the point made earlier in the passage: that Taylor uses local plants and vegetables to dye wool.

Question Difficulty: Medium

Question ID 9c591ff7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 9c591ff7

Some *Astyanax mexicanus*, a river-dwelling fish found in northeast Mexico, have colonized caves in the region. Although there is little genetic difference between river and cave *A. mexicanus* and all members of the species can emit the same sounds, biologist Carole Hyacinthe and colleagues found that the context and significance of those sounds vary by location—e.g., the click that river-dwelling *A. mexicanus* use to signal aggression is used by cave dwellers when foraging—and the acoustic properties of cave fish sounds show some cave-specific variations as well. Hyacinthe and colleagues note that differences in sonic communication could accumulate to the point of inhibiting interbreeding among fish from different locations, suggesting that _____.

Which choice most logically completes the text?

- A. although *A. mexicanus* living in rivers are genetically similar to those living in caves, river fish rely on sonic communication less than cave fish do.
- B. although *A. mexicanus* is a single species at present, it could be in the process of splitting into distinct populations with different characteristics.
- C. although all *A. mexicanus* emit sounds, the fish living in rivers produce some sounds that the fish living in caves do not, and vice versa.
- D. although *A. mexicanus* from different locations can interbreed currently, river fish and cave fish are sufficiently genetically distinct that they can be considered separate species.

ID: 9c591ff7 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the conclusion that most logically follows from the text's discussion of *A. mexicanus*. According to the text, *A. mexicanus*, a river-dwelling fish species, has colonized caves. The fish that live in rivers and those that live in caves show no significant genetic differences and are all capable of making the same sounds. The text indicates, however, that Hyacinthe and colleagues found that sounds that the river fish use in a particular context and for a particular purpose are used in a different context and for a different purpose by the cave fish. Additionally, the sounds made by cave fish show some differences depending on the specific cave the fish inhabit. The text goes on to state that Hyacinthe and colleagues have noted that differences in how the fish use sound to communicate could eventually become so great that they prevent fish from different locations from interbreeding. In other words, the river fish might eventually only breed with other river fish (with whom they share characteristics regarding sonic communication that they do not share with cave fish), while the cave fish might only breed with other cave fish for a similar reason. In context, this observation suggests that even though the fish are a single species right now, they could be in the process of splitting into distinct populations with different characteristics.

Choice A is incorrect because there is no information in the text suggesting that the river fish are less reliant on sonic communication than the cave fish are. Although the text does indicate that the river fish and cave fish are genetically similar, the text describes both groups as using sonic communication and says nothing to indicate that one group depends on that communication more than the other group does. Choice C is incorrect. The text

states that all members of the species can emit the same sounds but that the function and context of sounds differ depending on whether the fish live in rivers or caves, but it does not indicate that river fish produce sounds that cave fish do not or vice versa. Choice D is incorrect because it contradicts the text. The text says that there is little genetic difference between the river fish and the cave fish, not that the river fish and cave fish are so genetically distinct that they can be considered separate species.

Question Difficulty: Hard

Question ID 5d122d45

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 5d122d45

Psychologists Dacher Keltner and Jonathan Haidt have argued that experiencing awe—a sensation of reverence and wonder typically brought on by perceiving something grand or powerful—can enable us to feel more connected to others and thereby inspire us to act more altruistically. Keltner, along with Paul K. Piff, Pia Dietze, and colleagues, claims to have found evidence for this effect in a recent study where participants were asked to either gaze up at exceptionally tall trees in a nearby grove (reported to be a universally awe-inspiring experience) or stare at the exterior of a nearby, nondescript building. After one minute, an experimenter deliberately spilled a box of pens nearby.

Which finding from the researchers' study, if true, would most strongly support their claim?

- A. Participants who had been looking at the trees helped the experimenter pick up significantly more pens than did participants who had been looking at the building.
- B. Participants who helped the experimenter pick up the pens used a greater number of positive words to describe the trees and the building in a postexperiment survey than did participants who did not help the experimenter.
- C. Participants who did not help the experimenter pick up the pens were significantly more likely to report having experienced a feeling of awe, regardless of whether they looked at the building or the trees.
- D. Participants who had been looking at the building were significantly more likely to notice that the experimenter had dropped the pens than were participants who had been looking at the trees.

ID: 5d122d45 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a finding that, if true, would most strongly support the researchers' claim that they found evidence that experiencing awe can make people feel more connected to others and thus more likely to behave altruistically (with beneficial and unselfish concern for others). According to the text, the researchers tested for this effect by first having participants look at either something known to be awe-inspiring (very tall trees) or something ordinary (a plain building) and then purposely spilling pens near the participants. The finding that participants who had looked at the trees helped pick up significantly more pens than did participants who had looked at the building would support the researchers' claim by demonstrating that the people who had experienced awe behaved more altruistically when the experimenter needed help than the other participants did.

Choice B is incorrect because a finding about helpful participants using positive words to describe the trees and the building after the experiment was over wouldn't have any bearing on the researchers' claim that experiencing awe increases altruistic behavior. The text doesn't address the use of positive words to describe things or suggest any connection between using such words and having experienced awe, so that behavior wouldn't serve as evidence that experiencing awe played a role in promoting helpful behavior. Choice C is incorrect because a finding that participants who didn't help the experimenter were significantly more likely than others to report having experienced awe whether they had looked at the building or the trees would weaken the researchers' claim that experiencing awe increases altruistic behavior by suggesting that the opposite might be true—that experiencing awe is in fact linked to choosing not to act in a way that benefits someone else.

Choice D is incorrect because a finding about participants noticing that the experimenter had dropped the pens wouldn't have any bearing on the researchers' claim about people behaving altruistically. Being aware of a challenge or problem isn't necessarily beneficial on its own and isn't the same as offering help, so the finding wouldn't support the idea that experiencing awe increases altruistic behavior.

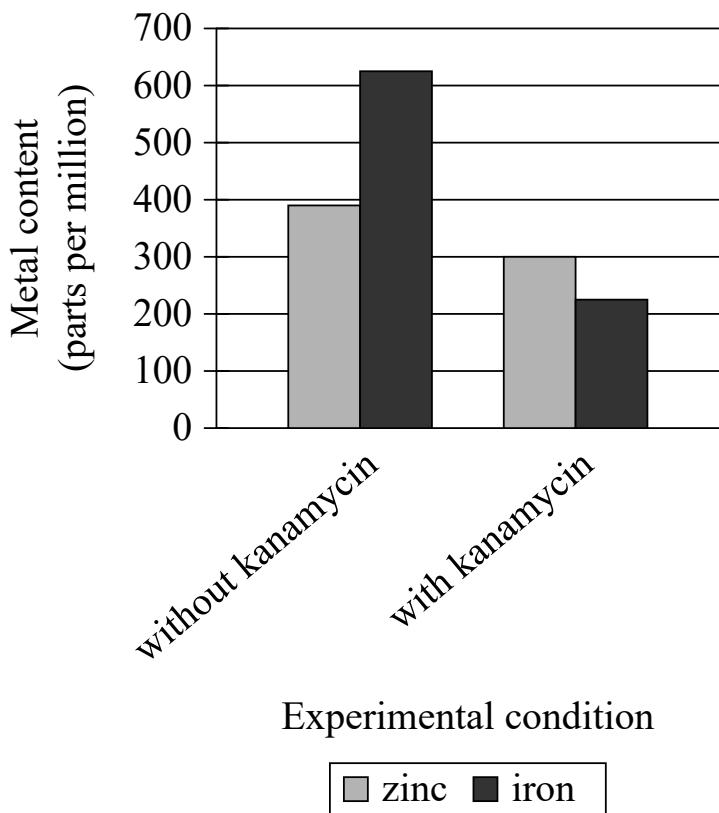
Question Difficulty: Hard

Question ID 742fd8ba

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 742fd8ba

Metal Content of Plants with and without Kanamycin Exposure



Many plants lose their leaf color when exposed to kanamycin, an antibiotic produced by some soil microorganisms. Spelman College biologist Mentewab Ayalew and her colleagues hypothesized that plants' response to kanamycin exposure involves altering their uptake of metals, such as iron and zinc. The researchers grew two groups of seedlings of the plant *Arabidopsis thaliana*, half of which were exposed to kanamycin and half of which were a control group without exposure to kanamycin, and measured the plants' metal content five days after germination.

Which choice best describes data in the graph that support Ayalew and her colleagues' hypothesis?

- A. The control plants contained higher levels of zinc than iron, but plants exposed to kanamycin contained higher levels of iron than zinc.
- B. Both groups of plants contained more than 200 parts per million of both iron and zinc.
- C. Zinc levels were around 300 parts per million in the control plants but nearly 400 parts per million in the plants exposed to kanamycin.
- D. The plants exposed to kanamycin showed lower levels of iron and zinc than the control plants did.

ID: 742fd8ba Answer

Correct Answer: D

Rationale

Choice D is the best answer because it best describes data in the graph supporting Ayalew and her colleagues' hypothesis that plants' response to kanamycin exposure involves altering their uptake of metals. The graph compares the metal content of two groups of plants, one with kanamycin exposure and a control group without such exposure. The amount of zinc in plants without kanamycin exposure is around 400 parts per million, while the amount of zinc in plants with kanamycin exposure is lower, at around 300 parts per million. Similarly, the amount of iron in plants without kanamycin exposure is a little over 600 parts per million, while the amount of iron in plants with kanamycin exposure is lower, at a little over 200 parts per million. Thus, the graph shows that plants with kanamycin exposure have significantly lower levels of both iron and zinc than the plants without kanamycin exposure. This is evidence supporting the hypothesis that kanamycin exposure results in plants altering their uptake of metals.

Choice A is incorrect because the graph shows that control plants contained higher levels of iron than zinc, not higher levels of zinc than iron; similarly, the plants exposed to kanamycin contained higher levels of zinc than iron, not higher levels of iron than zinc. Choice B is incorrect. Though the claim that both groups of plants contained more than 200 parts per million of both iron and zinc is supported by the graph, this alone does not state whether plants with kanamycin exposure have a different metal content than plants without kanamycin exposure. Choice C is incorrect. The graph shows that the zinc levels for the control plants (those without kanamycin exposure) were around 400 parts per million, not 300 parts per million, and that the zinc levels for plants with kanamycin exposure were around 300 parts per million, not 400 parts per million.

Question Difficulty: Medium

Question ID 03e5cf33

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 03e5cf33

Many insects are iridescent, or have colors that appear to shimmer and change when seen from different angles. Scientists have assumed that this feature helps to attract mates but could also attract predators. But biologist Karin Kjernsmo and a team had the idea that the shifting appearance of colors might actually make it harder for other animals to see iridescent insects. To test this idea, the team put beetle forewings on leaves along a forest path and then asked human participants to look for them. Some of the wings were naturally iridescent. Others were painted with a nonchanging color from the iridescent spectrum, such as purple or blue.

Which finding, if true, would most directly support the team's idea?

- A. On average, participants found most of the purple wings and blue wings and far fewer of the iridescent wings.
- B. On average, participants found the iridescent wings faster than they found the purple wings or blue wings.
- C. Some participants reported that the purple wings were easier to see than the blue wings.
- D. Some participants successfully found all of the wings on the leaves.

ID: 03e5cf33 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the finding that, if true, would most strongly support the research team's idea about the effect of iridescence, or colors that appear to shimmer and change. The text indicates that although some scientists have assumed that iridescence could attract predators, Kjernsmo's team wondered if iridescent insects might be harder for other animals to see. The team tested this idea by asking human participants to look for both iridescent beetle wings and beetle wings that weren't iridescent but that had been painted colors such as purple or blue. If participants located most of the purple or blue wings but far fewer of the iridescent wings, that finding would support the team's idea since it would suggest that noniridescent wings are easier to see than iridescent wings.

Choice B is incorrect because if participants located the iridescent wings more quickly than the purple or blue wings, that finding would weaken the team's idea, not support the team's idea, since it would suggest that the iridescent wings were easier to see than the noniridescent wings. Choice C is incorrect because finding that some participants believed that the purple wings were easier to see than the blue wings would be irrelevant to the team's idea. The purple and blue wings were both noniridescent, so any difference in how easy those two colors were to see would have nothing to do with the idea that iridescent insects are harder to see than noniridescent insects. Choice D is incorrect because if some participants found all the wings, that wouldn't support the team's idea that iridescent insects may be harder to see than noniridescent insects. If anything, this finding might weaken the team's idea since it could suggest that iridescence had no effect on how difficult the wings were to see.

Question Difficulty: Medium

Question ID 156ff681

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 156ff681

Many governments that regularly transfer money to individuals—to provide supplemental incomes for senior citizens, for example—have long done so electronically, but other countries typically have distributed physical money and have only recently developed electronic transfer infrastructure. Researchers studied the introduction of an electronic transfer system in one such location and found that recipients of electronic transfers consumed a different array of foods than recipients of physical transfers of the same amount did. One potential explanation for this result is that individuals conceive of and allocate funds in physical money differently than they conceive of and allocate funds in electronic form.

Which finding from the study, if true, would most directly weaken the potential explanation?

- A. Recipients of electronic transfers typically spent their funds at a slower rate than recipients of physical transfers did.
- B. Nearly every recipient of an electronic transfer withdrew the entire amount in physical money shortly after receiving the transfer.
- C. Recipients of physical transfers tended to purchase food about as frequently as recipients of electronic transfers did.
- D. Some recipients of physical transfers received small amounts of money relatively frequently, while others received large amounts relatively infrequently.

ID: 156ff681 Answer

Correct Answer: B

Rationale

Choice B is the best answer. This would weaken the explanation. If the recipients of electronic money immediately withdrew it all as physical money, then both kinds of recipients ended up spending physical money on food. So there must be some other explanation why those who initially received electronic money ate different kinds of food.

Choice A is incorrect. This wouldn't weaken the explanation. If anything, it actually supports it: it demonstrates that recipients of electronic money and recipients of physical money have different spending habits. Choice C is incorrect. This wouldn't weaken the explanation. The explanation we're testing this choice against is about the way that people might "conceive of and allocate" physical and electronic funds differently. This choice only focuses on the timing, not what they spend the money on. Choice D is incorrect. This would have no impact on the explanation. It doesn't tell us anything about possible differences between the spending habits of those who spend physical money and those who spend money electronically.

Question Difficulty: Hard

Question ID 8545ccfe

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 8545ccfe

Icebergs generally appear to be mostly white or blue, depending on how the ice reflects sunlight. Ice with air bubbles trapped in it looks white because much of the light reflects off the bubbles. Ice without air bubbles usually looks blue because the light travels deep into the ice and only a little of it is reflected. However, some icebergs in the sea around Antarctica appear to be green. One team of scientists hypothesized that this phenomenon is the result of yellow-tinted dissolved organic carbon in Antarctic waters mixing with blue ice to produce the color green.

Which finding, if true, would most directly weaken the team's hypothesis?

- A. White ice doesn't change color when mixed with dissolved organic carbon due to the air bubbles in the ice.
- B. Dissolved organic carbon has a stronger yellow color in Antarctic waters than it does in other places.
- C. Blue icebergs and green icebergs are rarely found near each other.
- D. Blue icebergs and green icebergs contain similarly small traces of dissolved organic carbon.

ID: 8545ccfe Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would weaken the scientists' hypothesis about icebergs that appear to be green. The text indicates that most icebergs are either mostly white or blue in color but that some icebergs in Antarctica appear to be green. The text goes on to say that the scientists hypothesized that this green color occurs when yellow-tinted dissolved organic carbon in ocean waters mixes with blue ice. A finding that both blue icebergs and green icebergs contain similarly small traces of dissolved organic carbon would suggest that something other than yellow-tinted organic carbon causes some icebergs' green color, since the blue icebergs that contain yellow-tinted organic carbon remained blue instead of turning green.

Choice A is incorrect because, according to the text, the scientists' hypothesis was that blue icebergs, not white ones, change color when their ice mixes with yellow-tinted dissolved organic carbon. A finding that white ice, because of its air bubbles, doesn't change color when it's mixed with dissolved organic carbon would therefore have no bearing on the scientists' hypothesis. Choice B is incorrect because the text focuses only on Antarctic icebergs that appear to be green. It doesn't indicate that icebergs in locations other than Antarctica have been found to have a green hue. A finding that dissolved organic carbon has a stronger yellow color in Antarctic waters than in other places would therefore have no bearing on the scientists' hypothesis that green color in icebergs in Antarctica is caused by yellow-tinted dissolved organic carbon mixing with blue ice. Choice C is incorrect because, according to the text, the scientists' hypothesis was that blue icebergs turn green when their ice mixes with yellow-tinted dissolved organic carbon in the sea around them. If that's correct, one would expect blue icebergs and green icebergs to be located at a distance from each other since all blue icebergs in an area where the waters contain yellow-tinted dissolved organic carbon would take on a green hue. A finding that blue icebergs and green icebergs are rarely found near each other would therefore strengthen, not weaken, the researchers' hypothesis.

Question Difficulty: Hard

Question ID 40578580

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 40578580

Many scientists have believed that giraffes are solitary creatures, preferring to spend their time alone instead of with others. But observations of giraffes and their behavior in recent years has suggested that these animals may be more social than we once thought. For example, scientists Zoe Muller and Stephen Harris claim that giraffes may even help each other care for one another's newborns.

Which finding, if true, would most directly support Muller and Harris's conclusion?

- A. Female giraffes have been observed feeding young giraffes that aren't their direct offspring.
- B. Confrontations between a younger and an older male giraffe are frequently observed.
- C. Some female giraffes have been observed sniffing and licking their newborn offspring.
- D. Giraffes are able to make sounds but are rarely observed communicating with others.

ID: 40578580 Answer

Correct Answer: A

Rationale

Choice A is the best answer. If female giraffes feed nonoffspring young, that's direct evidence that "giraffes may even help each other care for one another's newborns."

Choice B is incorrect. Confrontations between males doesn't tell us anything about whether giraffes help each other care for newborns. Choice C is incorrect. While this option does mention newborn offspring, it only discusses a mother's behavior toward her own child, not another giraffe's child. Choice D is incorrect. Whether or not giraffes are observed communicating with each other doesn't tell us anything about whether they help each other care for newborns.

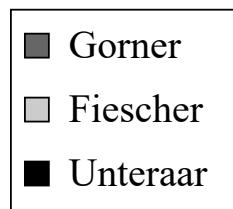
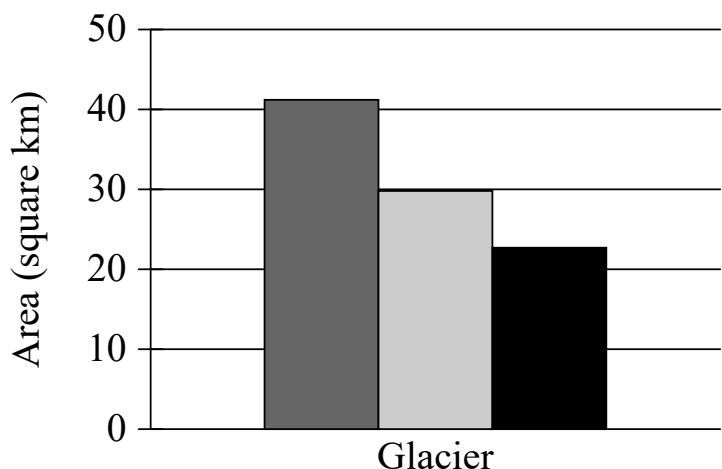
Question Difficulty: Easy

Question ID a9ac31e4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: a9ac31e4

Area of Three Glaciers in the
2016 Swiss Glacier Inventory



To monitor changes to glaciers in Switzerland, the government periodically measures them for features like total area of ice and mean ice thickness, which are then reported in the Swiss Glacier Inventory. These measurements can be used to compare the glaciers. For example, the Gorner glacier had _____

Which choice most effectively uses data from the graph to complete the example?

- A. a larger area than either the Fiescher glacier or the Unteraar glacier.
- B. a smaller area than the Fiescher glacier but a larger area than the Unteraar glacier.
- C. a smaller area than either the Fiescher glacier or the Unteraar glacier.
- D. a larger area than the Fiescher glacier but a smaller area than the Unteraar glacier.

ID: a9ac31e4 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The claim is that measurements such as total area can be used to compare glaciers. The graph shows us the area measurements for three glaciers. Of those, Gorner has the largest area.

Choice B is incorrect. This choice misreads the graph. The graph shows that Gorner has the largest area of the three. Choice C is incorrect. This choice misreads the graph. The graph shows that Gorner has the largest area of the three. Choice D is incorrect. This choice misreads the graph. The graph shows that Gorner has the largest area of the three.

Question Difficulty: Easy

Question ID e946a32e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: e946a32e

Boldly mixing elements of poetry, fiction, drama, philosophy, and manifesto, Puerto Rican writer Giannina Braschi creates cross-genre literature that explores themes such as immigration and independence. Her works have inspired responses from individuals across different fields and in a wide range of formats, from musical compositions and a comic book to architecture and furniture design. In an essay, a student asserts that the production of these diverse creations by others is reflective of Braschi's own approach to crafting literature.

Which quotation from a scholarly review of Braschi's work best supports the student's claim?

- A. "Braschi is the focus of a 2020 collection of essays in which fifteen scholars from seven different countries delved into the linguistic and structural patterns of her writings."
- B. "Braschi's eagerness to push boundaries and blend genres within literature invites us to consider how other art forms might also engage with literature."
- C. "Before settling in New York City, where she would go on to become a college professor, Braschi studied both literature and philosophy in several cities around the world."
- D. "In addition to her creative literary works, Braschi has produced academic pieces analyzing writings by Miguel de Cervantes, Federico García Lorca, and other authors."

ID: e946a32e Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the quotation that best supports the student's claim about Braschi. By describing how Braschi's blending of genres invites her audience to think about how other art forms could also engage with literature, the quotation supports the idea that the diversity of responses to Braschi's work reflects Braschi's own approach to creating literature.

Choice A is incorrect because the quotation describes scholars from different countries writing essays about Braschi's use of language in her writings; it doesn't address how Braschi's creation of cross-genre literature inspires diverse types of responses, which is the claim the student makes. Choice C is incorrect because the quotation focuses on the fact that Braschi studied in several different cities, which doesn't address the student's claim that Braschi's creation of cross-genre literature inspires diverse types of responses. Choice D is incorrect because the quotation lists some of the authors who Braschi has written academic works about, which is irrelevant to the student's claim that Braschi's creation of cross-genre literature inspires diverse types of responses.

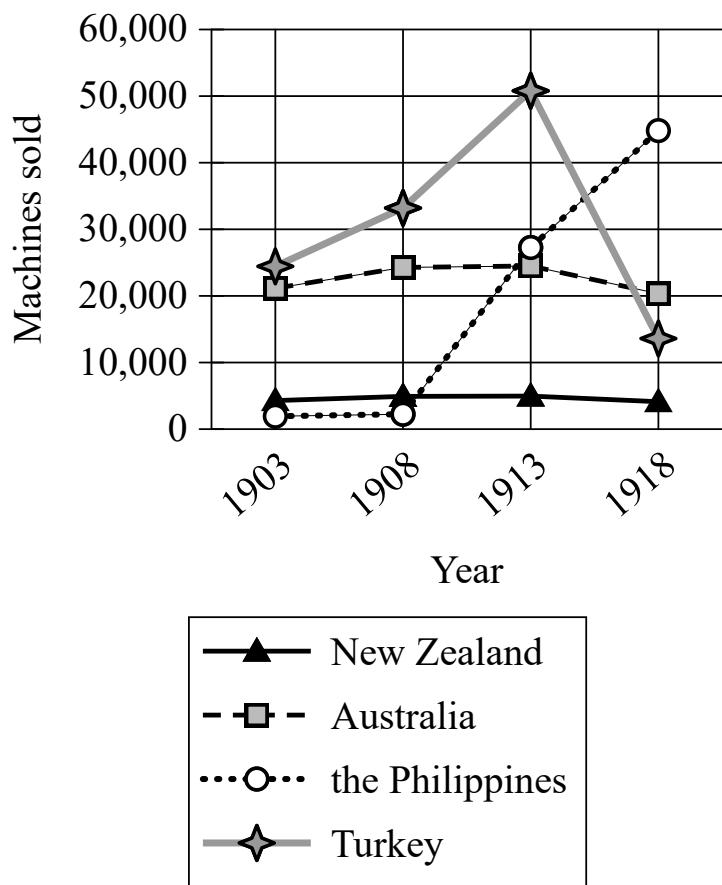
Question Difficulty: Hard

Question ID df34b586

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	█ □ □

ID: df34b586

Singer Sewing Machine Sales
in Four Countries, 1903–1918



By the early 1900s, the Singer Corporation, a US sewing machine manufacturer founded in 1851, began to see rapidly increasing sales abroad, particularly in Russia, Germany, and the United Kingdom. These markets were responsible for the bulk of Singer's overseas sales, but demand for the company's machines in other countries also grew significantly in the early twentieth century. For instance, sales of their sewing machines in _____

Which choice most effectively uses data from the graph to complete the example?

- A. the Philippines increased dramatically from 1908 to 1918.
- B. New Zealand were largely consistent from 1903 to 1918.
- C. Australia increased steadily from 1903 to 1918.
- D. Turkey declined substantially from 1913 to 1918.

ID: df34b586 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the graph to complete the example. According to the graph, fewer than 10,000 sewing machines were sold in the Philippines in both 1903 and 1908, but nearly 30,000 were sold in 1913 and around 45,000 were sold in 1918. This increase illustrates the statement in the text that demand for Singer sewing machines grew significantly in the early twentieth century in overseas countries other than Russia, Germany, and the United Kingdom.

Choice B is incorrect because consistent sales of Singer sewing machines in New Zealand from 1903 to 1918 do not indicate that demand for the product increased but rather that demand remained relatively the same. Choice C is incorrect because it does not accurately describe the data in the graph. Although sales in Australia did increase somewhat between 1903 and 1908, there was very little change between 1908 and 1913, and then sales declined between 1913 and 1918. The data for Australia, then, do not show a steady increase from 1903 to 1918. Choice D is incorrect because declining sales of Singer sewing machines in Turkey from 1913 to 1918 do not point to an increase in demand for the product but rather to a decline in demand.

Question Difficulty: Easy

Question ID dc87adf4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: dc87adf4

Barchester Towers is an 1857 novel by Anthony Trollope. In the novel, Trollope's portrayal of Dr. Proudie underscores the character's exaggerated sense of his own abilities: _____

Which quotation from *Barchester Towers* most effectively illustrates the claim?

- A. "It must not...be taken as proved that Dr. Proudie was a man of great mental powers, or even of much capacity for business, for such qualities had not been required in him."
- B. "[Dr. Proudie] was comparatively young, and had, as he fondly flattered himself, been selected as possessing such gifts, natural and acquired, as must be sure to recommend him to a yet higher notice."
- C. "[Dr. Proudie's] residence in the metropolis, rendered necessary by duties thus entrusted to him, his high connexions, and the peculiar talents and nature of the man, recommended him to persons in power."
- D. "[Dr. Proudie] was certainly possessed of sufficient tact to answer the purpose for which he was required without making himself troublesome."

ID: dc87adf4 Answer

Correct Answer: B

Rationale

Choice B is the best answer. In this quotation, Dr. Proudie is described as "fondly flatter[ing] himself" that he has gifts that "must be sure to recommend him to a yet higher notice." In other words, he expects his skills to push him to greater fame and success. This implies an exaggerated sense of his own abilities, which matches the claim we're trying to support.

Choice A is incorrect. This quotation doesn't describe Proudie's view of himself, nor does it paint him in an especially flattering light. Instead, by saying his mental powers and business skill are not "proved," it implies that he is actually dim-witted and bad at business. Choice C is incorrect. This choice describes Proudie's closeness to power and importance, but it doesn't show what Proudie thinks of himself. Proudie is not describing himself or his abilities here. The narrator is. Choice D is incorrect. While this quotation offers Proudie very mild praise, it doesn't show what Proudie thinks of himself or his own abilities, which is what the claim focuses on.

Question Difficulty: Hard

Question ID 3bfcb73b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 3bfcb73b

An archaeological team led by Piotr Bieliński and Sultan al-Bakri found remnants of a 4,000-year-old Bronze Age board game at a site in Oman. Little is left of the game except a stone board, which is carved with a grid and has places to hold game pieces. Some scholars claim that the game was largely played by traders.

Which finding, if true, would most directly support the scholars' claim?

- A. Other examples of the game dating to the same period have been found in the remains of several homes in the region, including in one home that may have belonged to a trader.
- B. Similar games have been found in other sites dating to the same period that were connected to the site in Oman via trade routes.
- C. The other known examples of the game dating to the same period have been found along routes that seem to have been used primarily by traders at the time.
- D. Remnants of other goods have been found at the site in Oman that probably also reached the location through trade.

ID: 3bfcb73b Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would most directly support the scholars' claim about the board game. The text explains that the remains of a 4,000-year-old board game were found in Oman. The text then states that scholars claim this board game was played mostly by traders. If the other known examples of this board game from the same time period were discovered along routes that seem to have been used primarily by traders, this finding would directly support the scholars' claim because it suggests that the game was largely played by traders who brought it with them for entertainment as they traveled.

Choice A is incorrect because this finding would suggest only that a single trader may have possessed examples of the board game, perhaps for the purpose of trading or selling the game to residents of Oman. For this reason, the finding wouldn't directly support the scholars' claim that the majority of the game's players were traders. Choice B is incorrect because this finding doesn't mention the board game at all, referring only to similar games found at other sites, and would therefore provide no direct support for the scholars' claim about the board game. Choice D is incorrect because this finding doesn't mention the board game at all, referring only to the remains of other goods found at the site in Oman, and would therefore provide no direct support for the scholars' claim about the board game.

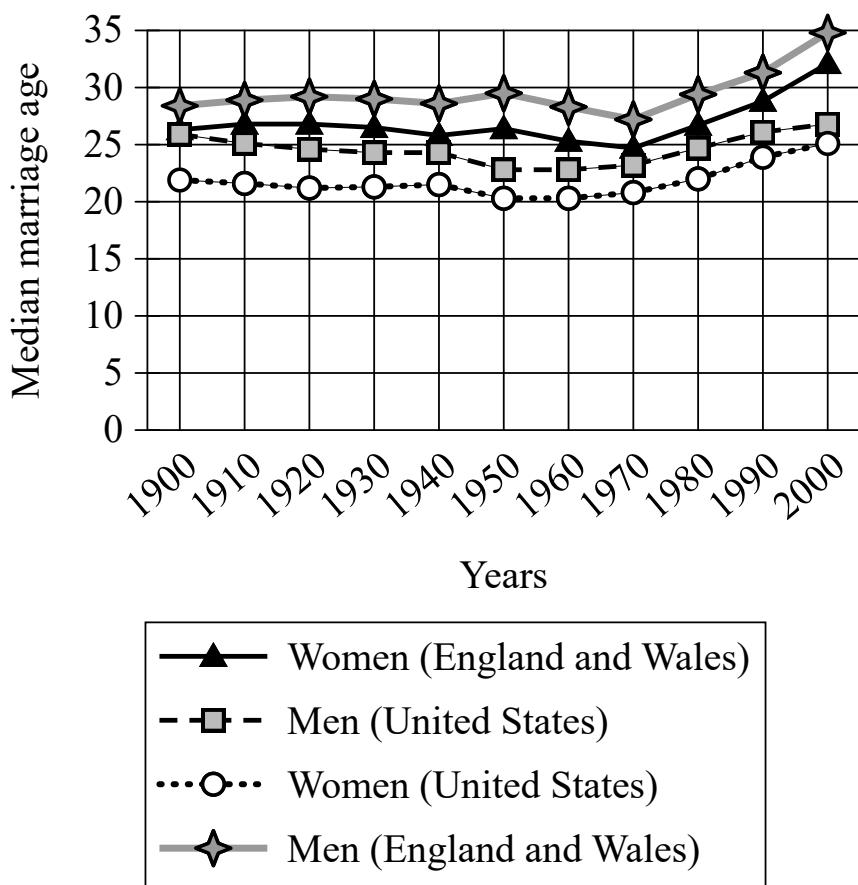
Question Difficulty: Hard

Question ID 53c6c179

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 53c6c179

Median Ages of First Marriage for Men and Women in the United States and in England and Wales, 1900–2000



A sociology student is reading an essay on the median age of first marriage in Western countries throughout the twentieth century. The author of the essay cites factors common to these countries that the author believes caused an increase in the median age of first marriage, such as new technologies that shortened the time needed for domestic chores, making two-person households less necessary and living alone more viable. The student asserts that beyond these factors there must be additional ones specific to particular Western countries that influenced the increase of age at first marriage.

Which choice most effectively uses data from the graph that support the student's assertion?

- A. Between 1970 and 2000, the median age of first marriage rose more sharply for men in England and Wales than it did for men in the United States.
- B. In England and Wales, the median age of first marriage was consistently higher for men than for women between 1900 and 2000, but this was not always the case in the United States.
- C. The median age of first marriage for men in England and Wales was lower in 1970 than in 1950 or 1990.
- D. Between 1900 and 2000, the median age of first marriage for women in England and Wales was consistently higher than for women in the United States, as was the case for men.

ID: 53c6c179 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The student concluded that country-specific factors influence changes to median age of first marriage. This choice describes a time period when the rate of change differed between countries, suggesting that country-specific factors may have played a role in these changes.

Choice B is incorrect. This choice misreads the graph. The median age of first marriage was consistently higher for men than for women in the United States during the time period depicted. Choice C is incorrect. The student concluded that country-specific factors influence changes to median age of first marriage. However, this choice doesn't provide any contrasts between countries and thus doesn't support the idea of country-specific factors influencing median age of first marriage. Choice D is incorrect. The students' conclusion is about changes that occurred during the 20th century. This choice provides broad information about the century as a whole, so it doesn't give insight into how median age at first marriage changed over time.

Question Difficulty: Hard

Question ID 55688b3c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 55688b3c

Dutch painters in the sixteenth and seventeenth centuries often showed tables filled with large wheels of cheese or carved shards of butter. Some art historians, noting that dairy products were a major component of the Dutch diet, interpret these depictions as reflections of everyday Dutch eating habits. However, a group of researchers recently reviewed hundreds of food-related paintings and found that lemons—which could only be acquired in the Netherlands at great cost, since they had to be imported from warmer climates—feature in Dutch paintings of the period more than three times as frequently as dairy products do, thereby casting doubt on the idea that _____.

Which choice most logically completes the text?

- A. dairy products were a more significant component of the Dutch diet of the period than lemons were.
- B. food was a more popular subject among Dutch painters than it was among painters from other countries at the time.
- C. depictions of food in Dutch paintings of the period should be taken as realistic representations of Dutch eating habits.
- D. Dutch painters of the period may have depicted foods for symbolic reasons rather than to show what Dutch people typically ate.

ID: 55688b3c Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text tells us that lemons—an expensive imported product—feature in Dutch paintings of the period more frequently than dairy products do. Since it's unlikely lemons were eaten more often than dairy, this fact casts doubt on the theory that these paintings realistically depicted Dutch diets.

Choice A is incorrect. In fact, the text suggests the opposite: it says that dairy products were a "major component of the Dutch diet," while lemons were an expensive import item, so we can infer that lemons were eaten much more rarely than dairy products. Choice B is incorrect. The passage doesn't mention painters from other countries, so there's no basis to make this inference. Choice D is incorrect. In fact, the text suggests that Dutch painters do have reasons for depicting foods other than to show what Dutch people typically ate. For example, lemons in a painting could indicate wealth or prosperity.

Question Difficulty: Medium

Question ID df91532e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: df91532e

In the “language nest” model of education, Indigenous children learn the language of their people by using it as the medium of instruction and socialization at pre-K or elementary levels. In their 2016 study of a school in an Anishinaabe community in Ontario, Canada, scholars Lindsay Morcom and Stephanie Roy (who are Anishinaabe themselves) found that the model not only imparted fluency in the Anishinaabe language but also enhanced students’ pride in Anishinaabe culture overall. Given these positive effects, Morcom and Roy predict that the model increases the probability that as adults, former students of the school will transmit the language to younger generations in their community.

Which finding, if true, would most strongly support the researchers’ prediction?

- A. Anishinaabe adults who didn’t attend the school feel roughly the same degree of cultural pride as the former students of the school feel.
- B. After transferring to the school, new students experience an increase in both fluency and academic performance overall.
- C. As adults, former students of the school are just as likely to continue living in their community as individuals who didn’t attend the school.
- D. As they complete secondary and higher education, former students of the school experience no loss of fluency or cultural pride.

ID: df91532e Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would support the researchers’ prediction about the language nest model of education. The text states that Morcom and Roy studied the effects of the language nest model of education on students at an Anishinaabe school, and they found that the model—which is used with students during pre-K or elementary school—increased students’ fluency in the Anishinaabe language and pride in Anishinaabe culture. The researchers predicted that the students’ positive early experiences with the Anishinaabe language would lead them to be more likely to later share the language with younger generations. If former students maintain full fluency and cultural pride after finishing secondary and higher education, it follows that they would be both able and motivated to share what they know with others; this would likely result in a higher probability of transmitting the language to younger generations, as the researchers predict.

Choice A is incorrect because finding that Anishinaabe adults who didn’t attend the school feel approximately the same degree of cultural pride as those adults who did attend wouldn’t support the researchers’ prediction that former students will be more likely to share their knowledge with younger generations. This finding would identify a similarity between the groups rather than a factor that might make former students more likely than other adults to transmit the language to younger people. Choice B is incorrect because finding that new students experience increased performance in language fluency and academics would suggest that the school has a positive effect on students when they attended but wouldn’t reveal anything about those students’ later actions as adults (such as their likelihood of sharing their knowledge with younger generations). Choice C is incorrect

because finding that Anishinaabe adults who attended the school are equally likely to stay in the community as adults who didn't attend the school wouldn't support the researchers' prediction that former students will be more likely to share their knowledge with younger generations. This finding would identify a similarity between the groups rather than a factor that might make former students more likely than other adults to transmit the language to younger people.

Question Difficulty: Hard

Question ID 81af81d4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 81af81d4

"Often Rebuked, Yet Always Back Returning" is an 1846 poem by Emily Brontë. The poem conveys the speaker's determination to experience the countryside around her: _____

Which quotation from the poem most effectively illustrates the claim?

- A. "Often rebuked, yet always back returning / To those first feelings that were born with me, / And leaving busy chase of wealth and learning / For idle dreams of things which cannot be."
- B. "I'll walk, but not in old heroic traces, / And not in paths of high morality, / And not among the half-distinguished faces, / The clouded forms of long-past history."
- C. "I'll walk where my own nature would be leading: / It vexes me to choose another guide: / Where the grey flocks in ferny glens are feeding; / Where the wild wind blows on the mountain side."
- D. "To-day, I will seek not the shadowy region; / Its unsustaining vastness waxes drear; / And visions rising, legion after legion, / Bring the unreal world too strangely near."

ID: 81af81d4 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents the quotation that best illustrates the claim that the speaker is determined to experience the countryside around her. In the quotation, the speaker makes it clear that she plans to walk somewhere based on her own wishes ("where my own nature would be leading") rather than follow anything else ("another guide"), and that she'll walk "in ferny glens" alongside the mountain.

Choice A is incorrect because this quotation suggests that the speaker wants to avoid pursuing money and education ("busy chase of wealth and learning") and instead return to some earlier interests (her "first feelings"); the quotation doesn't address her determination to experience the countryside. Choice B is incorrect because the speaker is describing the circumstances under which she won't walk, which doesn't address her determination to experience the countryside. Choice D is incorrect because rather than conveying her determination to experience the countryside, the speaker is explaining a particular thing she won't do ("seek not the shadowy region").

Question Difficulty: Medium

Question ID 8584f3ce

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 8584f3ce

When digging for clams, their primary food, sea otters damage the roots of eelgrass plants growing on the seafloor. Near Vancouver Island in Canada, the otter population is large and well established, yet the eelgrass meadows are healthier than those found elsewhere off Canada's coast. To explain this, conservation scientist Erin Foster and colleagues compared the Vancouver Island meadows to meadows where otters are absent or were reintroduced only recently. Finding that the Vancouver Island meadows have a more diverse gene pool than the others do, Foster hypothesized that damage to eelgrass roots increases the plant's rate of sexual reproduction; this, in turn, boosts genetic diversity, which benefits the meadow's health overall.

Which finding, if true, would most directly undermine Foster's hypothesis?

- A. At some sites in the study, eelgrass meadows are found near otter populations that are small and have only recently been reintroduced.
- B. At several sites not included in the study, there are large, well-established sea otter populations but no eelgrass meadows.
- C. At several sites not included in the study, eelgrass meadows' health correlates negatively with the length of residence and size of otter populations.
- D. At some sites in the study, the health of plants unrelated to eelgrass correlates negatively with the length of residence and size of otter populations.

ID: 8584f3ce Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would weaken Foster's hypothesis that damage to eelgrass roots improves the health of eelgrass meadows by boosting genetic diversity. The text indicates that sea otters damage eelgrass roots but that eelgrass meadows near Vancouver Island, where there's a large otter population, are comparatively healthy. When Foster and her colleagues compared the Vancouver Island eelgrass meadows to those that don't have established otter populations, the researchers found that the Vancouver Island meadows are more genetically diverse than the other meadows are. This finding led Foster to hypothesize that damage to the eelgrass roots encourages eelgrass reproduction, thereby improving genetic diversity and the health of the meadows. If, however, other meadows not included in the study are less healthy the larger the local otter population is and the longer the otters have been in residence, that would suggest that damage to the eelgrass roots, which would be expected to increase with the size and residential duration of the otter population, isn't leading meadows to be healthier. Such a finding would therefore weaken Foster's hypothesis.

Choice A is incorrect because finding that small, recently introduced otter populations are near other eelgrass meadows in the study wouldn't weaken Foster's hypothesis. If otter populations were small and only recently established, they wouldn't be expected to have caused much damage to eelgrass roots, so even if those eelgrass meadows were less healthy than the Vancouver Island meadows, that wouldn't undermine Foster's hypothesis. In fact, it would be consistent with Foster's hypothesis since it would suggest that the greater damage caused by

larger, more established otter populations is associated with healthier meadows. Choice B is incorrect because the existence of areas with otters but without eelgrass meadows wouldn't reveal anything about whether the damage that otters cause to eelgrass roots ultimately benefits eelgrass meadows. Choice D is incorrect because the health of plants other than eelgrass would have no bearing on Foster's hypothesis that damage to eelgrass roots leads to greater genetic diversity and meadow health. It would be possible for otters to have a negative effect on other plants while nevertheless improving the health of eelgrass meadows by damaging eelgrass roots.

Question Difficulty: Hard

Question ID c95995bc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: c95995bc

Colonized by Spain in the 1600s, New Mexico is home to a dialect of Spanish that differs significantly from dialects spoken in Spain's other former colonies in the Americas. Most notably, the New Mexican dialect retains older features of the language that other dialects lost in later centuries. But why would it have done so? New Mexico was so distant from population centers in Spain's other colonies that it attracted few colonists after its initial colonization. Geographical isolation in turn would have limited the exposure of New Mexican colonists to changes occurring to Spanish grammar and vocabulary elsewhere in the empire. Thus, the present-day uniqueness of the New Mexican dialect suggests the extent to which _____.

Which choice most logically completes the text?

- A. a language can protect itself from being influenced by other languages.
- B. the grammar and vocabulary of any given language change from one generation to the next.
- C. geographical isolation can influence how a language develops.
- D. speakers of one dialect of a language can understand speakers of another dialect of that language.

ID: c95995bc Answer

Correct Answer: C

Rationale

Choice C is the best answer because it is the choice that most logically completes the text. The text mentions a dialect of Spanish spoken in New Mexico, which was colonized by Spain in the 1600s. The text then states that the New Mexican dialect differs greatly from other Spanish dialects in that it still has characteristics of an older Spanish that other dialects eventually lost. After asking why this might be, the text points out that the New Mexico colony was distant from Spain's other colonies, making it less attractive to colonists after the initial colonization. This geographic isolation limited the colony's exposure to other Spanish colonists who would have otherwise introduced the changes to the Spanish language that occurred in their respective colonies. It can therefore be inferred that this isolation is a reason why the New Mexican dialect still has characteristics of an older Spanish, while the Spanish dialects spoken in less isolated areas that have more interaction with speakers of other dialects would lose those characteristics over time. Thus, the most logical completion of the text is that geographical isolation can influence how a language develops.

Choice A is incorrect because the text discusses different dialects of Spanish, not different languages altogether. Choice B is incorrect because the text focuses on how the New Mexican dialect has stayed the same over time in some ways, not on how it has changed from one generation to the next. Choice D is incorrect because though the text discusses how the New Mexican dialect of Spanish is different from others, it does not discuss how speakers of different dialects are able to understand each other.

Question Difficulty: Medium

Question ID dbbbc5dd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: dbbbc5dd

Off-off-Broadway theaters emerged in the late 1950s as a rebellion against mainstream Broadway theaters in New York, freeing artists to create productions that were more experimental than typical Broadway shows. One such artist was playwright María Irene Fornés. Working with off-off Broadway theaters enabled Fornés not only to direct her own plays but also to direct them exactly as she intended them to be staged, regardless of how strange the results might have seemed to audiences accustomed to Broadway shows. In this way, Fornés _____

Which choice most logically completes the text?

- A. wrote plays that would have been too expensive to produce if someone else had directed the production.
- B. recognized that staging an off-off-Broadway play was more complicated than staging a Broadway play.
- C. would have been more famous if she had created plays that were mainstream instead of experimental.
- D. illustrates the artistic opportunity offered by off-off Broadway theaters.

ID: dbbbc5dd Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text says that off-off-Broadway theaters allowed artists to create more experimental shows, and then discusses how Fornés was free to direct her own “strange” plays however she wanted. This suggests that Fornés exemplifies the artistic freedom of off-off Broadway theaters.

Choice A is incorrect. This inference isn’t supported. The text never discusses the costs of production, so we can’t logically make this claim. Choice B is incorrect. This inference isn’t supported. The text never discusses the complexity of staging plays either on Broadway or off-off Broadway, so there’s no basis to make this inference. Choice C is incorrect. This inference isn’t supported. The text never discusses fame at all, so there’s no basis to make this inference.

Question Difficulty: Easy

Question ID e1546fd6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: e1546fd6

Average Nitrate and Phosphate Concentrations in Seawater after Volcanic Eruption

Nutrient	Seawater in lava-affected area, 5–45 meters below surface	Seawater in lava-affected area, 75–125 meters below surface	Seawater outside of lava-affected area, 5–45 meters below surface	Seawater outside of lava-affected area, 75–125 meters below surface
Nitrate (micromoles per liter)	3.1	0.4	≤0.03	≤0.01
Phosphate (micromoles per liter)	0.17	0.09	0.14	0.06

After a volcanic eruption spilled lava into North Pacific Ocean waters, a dramatic increase of diatoms (a kind of phytoplankton) near the surface occurred. Scientists assumed the diatoms were thriving on nutrients such as phosphate from the lava, but analysis showed these nutrients weren't present near the surface in forms diatoms can consume. However, there was an abundance of usable nitrate, a nutrient usually found in much deeper water and almost never found in lava. Microbial oceanographer Sonya Dyhrman and colleagues believe that as the lava plunged nearly 300 meters below the surface it dislodged pockets of this nutrient, releasing it to float upward, given that _____.

Which choice most effectively uses data from the table to complete the statement?

- A. at 5–45 meters below the surface, the average concentration of phosphate was about the same in the seawater in the lava-affected area as in the seawater outside of the lava-affected area.
- B. for both depth ranges measured, the average concentrations of nitrate were substantially higher in the seawater in the lava-affected area than in the seawater outside of the lava-affected area.
- C. for both depth ranges measured in the seawater in the lava-affected area, the average concentrations of nitrate were substantially higher than the average concentrations of phosphate.
- D. in the seawater outside of the lava-affected area, there was little change in the average concentration of nitrate from 75–125 meters below the surface to 5–45 meters below the surface.

ID: e1546fd6 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The claim is that the lava freed the deep nitrate, allowing it to float upward. The table supports this by showing that there was more nitrate in the lava-affected seawater at various depths above 300 meters (the depth to which the lava plunged) than in unaffected seawater.

Choice A is incorrect. This choice doesn't complete the statement in a way that supports the claim. The claim is about nitrate, not phosphate. Choice C is incorrect. This choice doesn't complete the statement in a way that supports the claim. The claim is only about nitrate—the concentrations of phosphate aren't relevant. Choice D is incorrect. This choice doesn't complete the statement in a way that supports the claim. It doesn't say anything about the seawater inside the lava-affected area.

Question Difficulty: Medium

Question ID 8a3ecac6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 8a3ecac6

North American gray wolves usually have mixed gray and white fur, but some members of the species have a version of a gene, or gene variant, that gives them a mostly black coat instead. Sarah Cubaynes and her team studied twelve populations of North American gray wolves. They found that the black-furred wolves are more common in areas where outbreaks of distemper virus happen regularly. The team also discovered that the black-furred wolves are more likely to be immune to distemper than the gray-furred wolves are. Taken together, these findings suggest that _____.

Which choice most logically completes the text?

- A. North American gray wolves experience more outbreaks of distemper virus than other wolf species do.
- B. the gene variant that results in black fur may be linked to immunity to the distemper virus.
- C. the average life span of gray wolves is likely to increase over time because of a particular gene variant.
- D. gray-furred wolves will soon replace black-furred wolves across North America.

ID: 8a3ecac6 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text tells us that the black-furred wolves are more common in areas with regular outbreaks of distemper virus and are more likely to be immune to distemper than the gray-furred wolves. This suggests that the gene variant that results in black fur may be linked to immunity to the distemper virus.

Choice A is incorrect. The text never compares North American gray wolves to other wolf species—in fact, it never discusses other wolf species at all, so there's no basis for this inference. Choice C is incorrect. The life span of gray wolves is never mentioned in this text, so we have no basis for this inference. Choice D is incorrect. This is too extreme. The text says that "black-furred wolves are more likely to be immune to distemper than the gray-furred wolves," but that alone doesn't mean that black-furred wolves will replace gray-furred wolves across North America.

Question Difficulty: Easy

Question ID f1bfbed3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f1bfbed3

Marta Coll and colleagues' 2010 Mediterranean Sea biodiversity census reported approximately 17,000 species, nearly double the number reported in Carlo Bianchi and Carla Morri's 2000 census—a difference only partly attributable to the description of new invertebrate species in the interim. Another factor is that the morphological variability of microorganisms is poorly understood compared to that of vertebrates, invertebrates, plants, and algae, creating uncertainty about how to evaluate microorganisms as species. Researchers' decisions on such matters therefore can be highly consequential. Indeed, the two censuses reported similar counts of vertebrate, plant, and algal species, suggesting that _____.

Which choice most logically completes the text?

- A. Coll and colleagues reported a much higher number of species than Bianchi and Morri did largely due to the inclusion of invertebrate species that had not been described at the time of Bianchi and Morri's census.
- B. some differences observed in microorganisms may have been treated as variations within species by Bianchi and Morri but treated as indicative of distinct species by Coll and colleagues.
- C. Bianchi and Morri may have been less sensitive to the degree of morphological variation displayed within a typical species of microorganism than Coll and colleagues were.
- D. the absence of clarity regarding how to differentiate among species of microorganisms may have resulted in Coll and colleagues underestimating the number of microorganism species.

ID: f1bfbed3 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the conclusion that most logically completes the text's discussion of the different counts of species in the Mediterranean Sea. The text states that Coll and colleagues reported almost double the number of species that Bianchi and Morri reported in their study ten years earlier. According to the text, this difference can only be partly attributed to new invertebrate species being described in the years between the two studies, which means there must be an additional factor that made Coll and colleagues' count so much higher than Bianchi and Morri's count. The text goes on to explain that factor: researchers have a relatively poor understanding of microorganisms' morphological variability, or the differences in microorganisms' structure and form. This poor understanding makes it hard to classify microorganisms by species and means that researchers' decisions about classifying microorganisms can have a large effect on the overall species counts that researchers report. Additionally, the text says that the two censuses reported similar numbers of vertebrate, plant, and algal species, which means that the difference in overall species did not come from differences in those categories. Given all this information, it most logically follows that Coll and colleagues may have treated some of the differences among microorganisms as indicative of the microorganisms being different species, whereas Bianchi and Morri treated those differences as variations within species, resulting in Coll and colleagues reporting many more species than Bianchi and Morri did.

Choice A is incorrect because the text explicitly addresses this issue by stating that the description of new invertebrate species in the years between the two studies can explain only part of the difference in the number of species reported by the studies. The focus of the text is on explaining the difference between Coll and colleagues' count and Bianchi and Morri's count that cannot be accounted for by the inclusion of invertebrate species that had not been described at the time of Bianchi and Morri's study. Choice C is incorrect because nothing in the text suggests that Bianchi and Morri may have been less sensitive to how much the form and structure of microorganisms vary within the same species than Coll and colleagues were. If Bianchi and Morri had been less sensitive to within-species variation than Coll and colleagues were, Bianchi and Morri would likely have reported more species than Coll and colleagues did, since less sensitivity to within-species variation would lead researchers to classify as different species microorganisms that more sensitive researchers would classify as variations within the same species. The text indicates, however, that Bianchi and Morri reported far fewer species than Coll and colleagues did; since the text also excludes other explanations for this difference, it suggests that in fact Bianchi and Morri were more sensitive to within-species variation than Coll and colleagues were, leading Bianchi and Morri to report fewer overall species. Choice D is incorrect because the text is focused on explaining why Coll and colleagues reported many more species than Bianchi and Morri did, and an underestimate of the number of microorganism species by Coll and colleagues would not explain that difference—it would suggest, in fact, that the difference in the number of species should have been even larger.

Question Difficulty: Hard

Question ID 87aa7bab

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	Three blue squares followed by one empty square

ID: 87aa7bab

A common assumption among art historians is that the invention of photography in the mid-nineteenth century displaced the painted portrait in the public consciousness. The diminishing popularity of the portrait miniature, which coincided with the rise of photography, seems to support this claim. However, photography's impact on the portrait miniature may be overstated. Although records from art exhibitions in the Netherlands from 1820 to 1892 show a decrease in the number of both full-sized and miniature portraits submitted, this trend was established before the invention of photography.

Based on the text, what can be concluded about the diminishing popularity of the portrait miniature in the nineteenth century?

- A. Factors other than the rise of photography may be more directly responsible for the portrait miniature's decline.
- B. Although portrait miniatures became less common than photographs, they were widely regarded as having more artistic merit.
- C. The popularity of the portrait miniature likely persisted for longer than art historians have assumed.
- D. As demand for portrait miniatures decreased, portrait artists likely shifted their creative focus to photography.

ID: 87aa7bab Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text says that the impact of photography on the portrait miniature might be "overstated," as some records show a decrease in the number of portrait miniatures *before* the invention of photography. From this, we can conclude that factors *other* than the rise of photography may be more directly responsible for the portrait miniature's decline.

Choice B is incorrect. The text never discusses the "artistic merit" of either art form. Choice C is incorrect. The text never suggests that the portrait miniature was popular for longer than historians thought—if anything, it suggests that the portrait miniature started losing its popularity *earlier* than historians thought. Choice D is incorrect. The text never suggests that portrait painters shifted to become photographers.

Question Difficulty: Medium

Question ID d73a908a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d73a908a

Believing that living in an impractical space can heighten awareness and even improve health, conceptual artists Madeline Gins and Shusaku Arakawa designed an apartment building in Japan to be more fanciful than functional. A kitchen counter is chest-high on one side and knee-high on the other; a ceiling has a door to nowhere. The effect is disorienting but invigorating: after four years there, filmmaker Nobu Yamaoka reported significant health benefits.

Which choice best states the main idea of the text?

- A. Although inhabiting a home surrounded by fanciful features such as those designed by Gins and Arakawa can be rejuvenating, it is unsustainable.
- B. Designing disorienting spaces like those in the Gins and Arakawa building is the most effective way to create a physically stimulating environment.
- C. As a filmmaker, Yamaoka has long supported the designs of conceptual artists such as Gins and Arakawa.
- D. Although impractical, the design of the apartment building by Gins and Arakawa may improve the well-being of the building's residents.

ID: d73a908a Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately states the main idea of the text. According to the text, conceptual artists Gins and Arakawa have designed an apartment building that is disorienting because of several unconventional elements, such as uneven kitchen counters and “a door to nowhere.” The text goes on to suggest that there may be benefits to this kind of design because filmmaker Yamaoka lived in the apartment building for four years and reported health benefits. Thus, although the design is impractical, it may improve the well-being of the apartment building’s residents.

Choice A is incorrect. Although the text mentions that Yamaoka lived in the apartment for four years, it doesn’t address how long someone can beneficially live in a home surrounded by fanciful features or whether doing so can be sustained. Choice B is incorrect. Although the text mentions the potential benefits of living in a home with disorienting design features, it doesn’t suggest that this is the most effective method to create a physically stimulating environment. Choice C is incorrect because the text refers to Yamaoka to support the claim that Gins and Arakawa’s apartment building design may be beneficial, but the text doesn’t indicate that Yamaoka supports the designs of other conceptual artists.

Question Difficulty: Medium

Question ID d748c3fd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: d748c3fd

In her 2021 article "Throwaway History: Towards a Historiography of Ephemera," scholar Anne Garner discusses John Johnson (1882–1956), a devoted collector of items intended to be discarded, including bus tickets and campaign pamphlets. Johnson recognized that scholarly institutions considered his expansive collection of ephemera to be worthless—indeed, it wasn't until 1968, after Johnson's death, that Oxford University's Bodleian Library acquired the collection, having grasped the items' potential value to historians and other researchers. Hence, the example of Johnson serves to _____

Which choice most logically completes the text?

- A. demonstrate the difficulties faced by contemporary historians in conducting research at the Bodleian Library without access to ephemera.
- B. represent the challenge of incorporating examples of ephemera into the collections of libraries and other scholarly institutions.
- C. lend support to arguments by historians and other researchers who continue to assert that ephemera holds no value for scholars.
- D. illustrate both the relatively low scholarly regard in which ephemera was once held and the later recognition of ephemera's possible utility.

ID: d748c3fd Answer

Correct Answer: D

Rationale

Choice D is the best answer. Johnson collected "ephemera," or things that are meant to be thrown away. Scholars thought his collection was worthless to them, then later realized that it was potentially valuable. This suggests that scholars went from disregarding ephemera to recognizing their usefulness.

Choice A is incorrect. This inference isn't supported. The text tells us that the Bodleian Library acquired Johnson's large collection of ephemera back in 1968, so we can assume that contemporary historians conducting research there do have access to that collection. Choice B is incorrect. This inference isn't supported. The text tells us that "Oxford University's Bodleian Library acquired the collection," but it never suggests that it was a challenge to do so. Choice C is incorrect. This inference isn't supported. The text actually suggests the opposite: the example of Johnson's collection lends support to arguments that ephemera does hold value for scholars.

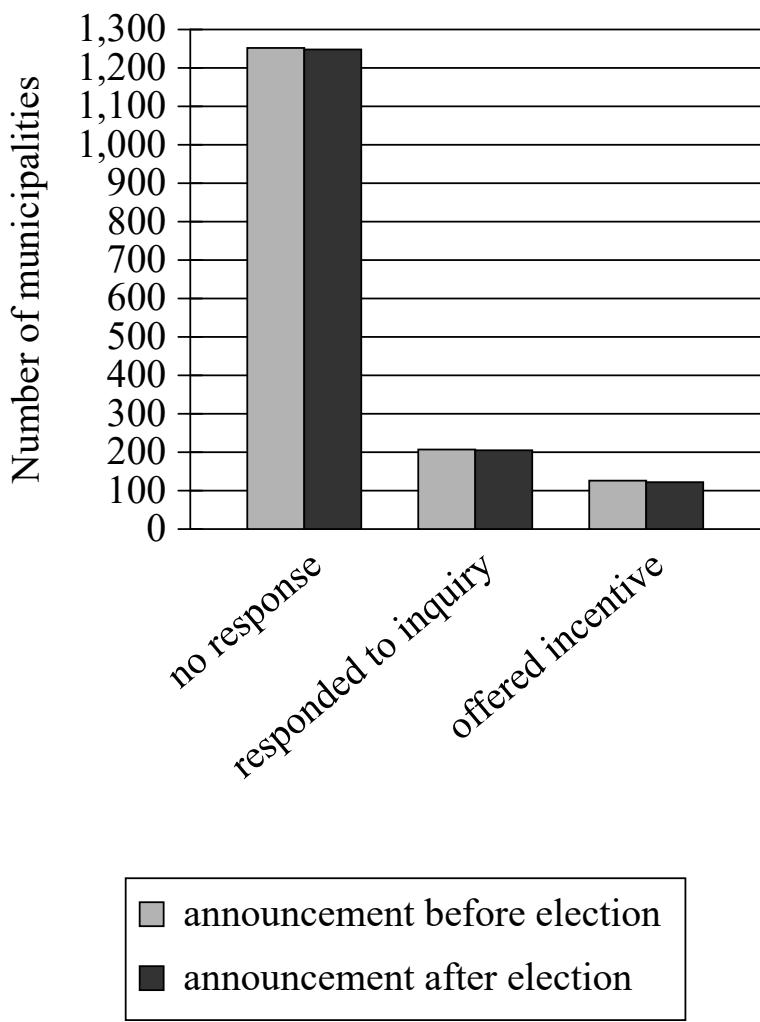
Question Difficulty: Medium

Question ID a15b3219

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: a15b3219

Municipalities' Responses to Inquiries about Potential Incentives for Firm



In the United States, firms often seek incentives from municipal governments to expand to those municipalities. A team of political scientists hypothesized that municipalities are much more likely to respond to firms and offer incentives if expansions can be announced in time to benefit local elected officials than if they can't. The team contacted officials in thousands of municipalities, inquiring about incentives for a firm looking to expand and indicating that the firm would announce its expansion on a date either just before or just after the next election.

Which choice best describes data from the graph that weaken the team's hypothesis?

- A large majority of the municipalities that received an inquiry mentioning plans for an announcement before the next election didn't respond to the inquiry.
- The proportion of municipalities that responded to the inquiry or offered incentives didn't substantially differ across the announcement timing conditions.
- Only around half the municipalities that responded to inquiries mentioning plans for an announcement before the next election offered incentives.

D. Of the municipalities that received an inquiry mentioning plans for an announcement date after the next election, more than 1,200 didn't respond and only around 100 offered incentives.

ID: a15b3219 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The lighter bars show what happened when the announcement was to come before the election, and the darker bars show what happened when the announcement was to come after the election. For all three of the outcomes, the light and dark bars are virtually the same, demonstrating that the announcement timing didn't actually make a difference.

Choice A is incorrect. This accurately describes some data from the graph, but it doesn't weaken the hypothesis. It doesn't include the "announcement after election" data for comparison. Choice C is incorrect. This accurately describes some data from the graph, but it doesn't weaken the hypothesis. It doesn't include the "announcement after election" data for comparison. Choice D is incorrect. This accurately describes some data from the graph, but it doesn't weaken the hypothesis. It doesn't include the "announcement before election" data for comparison.

Question Difficulty: Hard

Question ID ed314256

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: ed314256

The most recent iteration of the immersive theater experience *Sleep No More*, which premiered in New York City in 2011, transforms its performance space—a five-story warehouse—into a 1930s-era hotel. Audience members, who wander through the labyrinthine venue at their own pace and follow the actors as they play out simultaneous, interweaving narrative loops, confront the impossibility of experiencing the production in its entirety. The play's refusal of narrative coherence thus hinges on the sense of spatial fragmentation that the venue's immense and intricate layout generates.

What does the text most strongly suggest about *Sleep No More*'s use of its performance space?

- A. The choice of a New York City venue likely enabled the play's creators to experiment with the use of theatrical space in a way that venues from earlier productions could not.
- B. Audience members likely find the experience of the play disappointing because they generally cannot make their way through the entire venue.
- C. The production's dependence on a particular performance environment would likely make it difficult to reproduce exactly in a different theatrical space.
- D. Audience members who navigate the space according to a recommended itinerary will likely have a better grasp of the play's narrative than audience members who depart from that itinerary.

ID: ed314256 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text says that the production's use of its large, winding space has a very specific effect on the audience. Given that the space itself is so important to creating this effect, it would be difficult to reproduce the production in a different space.

Choice A is incorrect. The fact that the venue is in New York City isn't connected to the experimental nature of the performance. It's the size of the venue, not its location in New York, that affects the theatrical experience. Choice B is incorrect. The text never suggests that audience members are disappointed because they can't see the entire production. In fact, it suggests that that's an important part of the experience. Choice D is incorrect. The text doesn't mention a recommended itinerary for audience members.

Question Difficulty: Hard

Question ID 92c2564d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	(Four squares total)

ID: 92c2564d

Utah is home to Pando, a colony of about 47,000 quaking aspen trees that all share a single root system. Pando is one of the largest single organisms by mass on Earth, but ecologists are worried that its growth is declining in part because of grazing by animals. The ecologists say that strong fences could prevent deer from eating young trees and help Pando start thriving again.

According to the text, why are ecologists worried about Pando?

- A. It isn't growing at the same rate it used to.
- B. It isn't producing young trees anymore.
- C. It can't grow into new areas because it is blocked by fences.
- D. Its root system can't support many more new trees.

ID: 92c2564d Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents an explanation that is directly stated in the text for why ecologists are worried about Pando. The text states that Pando is a colony of about 47,000 quaking aspen trees that represents one of the largest organisms on Earth. According to the text, ecologists are worried that Pando's growth is declining, partly because animals are feeding on the trees. In other words, the ecologists are worried that Pando isn't growing at the same rate it used to.

Choice B is incorrect. Rather than indicating that Pando isn't producing young trees anymore, the text reveals that Pando is indeed producing young trees, stating that those trees can be protected from grazing deer by strong fences. Choice C is incorrect because the text states that fences can be used to prevent deer from eating Pando's young trees, not that Pando itself can't grow in new areas because it's blocked by fences. Choice D is incorrect because the text offers no evidence that Pando's root system is incapable of supporting new trees or is otherwise a cause of worry for ecologists.

Question Difficulty: Medium

Question ID 22e4d633

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 22e4d633

Although many transposons, DNA sequences that move within an organism's genome through shuffling or duplication, have become corrupted and inactive over time, those from the long interspersed nuclear elements (LINE) family appear to remain active in the genomes of some species. In humans, they are functionally important within the hippocampus, a brain structure that supports complex cognitive processes. When the results of molecular analysis of two species of octopus—an animal known for its intelligence—were announced in 2022, the confirmation of a LINE transposon in *Octopus vulgaris* and *Octopus bimaculoides* genomes prompted researchers to hypothesize that that transposon family is tied to a species' capacity for advanced cognition.

Which finding, if true, would most directly support the researchers' hypothesis?

- A. The LINE transposon in *O. vulgaris* and *O. bimaculoides* genomes is active in an octopus brain structure that functions similarly to the human hippocampus.
- B. The human genome contains multiple transposons from the LINE family that are all primarily active in the hippocampus.
- C. A consistent number of copies of LINE transposons is present across the genomes of most octopus species, with few known corruptions.
- D. *O. vulgaris* and *O. bimaculoides* have smaller brains than humans do relative to body size, but their genomes contain sequences from a wider variety of transposon families.

ID: 22e4d633 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text says that LINE transposons are important in the human hippocampus, which supports complex cognition. If the LINE transposon found in octopuses is active in a similar part of their brain, that would suggest that LINE transposons support complex cognition in octopuses too, which in turn supports the hypothesis that LINE transposons are linked to advanced cognition in general.

Choice B is incorrect. This choice doesn't support the hypothesis. It doesn't include anything about how LINE transposons function in species other than humans. Choice C is incorrect. This choice doesn't support the hypothesis. It doesn't include anything about how the LINE transposon in octopuses might support advanced cognition. Choice D is incorrect. This choice doesn't support the hypothesis. It doesn't include anything about how the LINE transposon in octopuses might support advanced cognition.

Question Difficulty: Medium

Question ID 3543e6e2

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 3543e6e2

The following text is from Jane Austen's 1811 novel *Sense and Sensibility*. Elinor lives with her younger sisters and her mother, Mrs. Dashwood.

Elinor, this eldest daughter, whose advice was so effectual, possessed a strength of understanding, and coolness of judgment, which qualified her, though only nineteen, to be the counsellor of her mother, and enabled her frequently to counteract, to the advantage of them all, that eagerness of mind in Mrs. Dashwood which must generally have led to imprudence. She had an excellent heart;—her disposition was affectionate, and her feelings were strong; but she knew how to govern them: it was a knowledge which her mother had yet to learn; and which one of her sisters had resolved never to be taught.

According to the text, what is true about Elinor?

- A. Elinor often argues with her mother but fails to change her mind.
- B. Elinor can be overly sensitive with regard to family matters.
- C. Elinor thinks her mother is a bad role model.
- D. Elinor is remarkably mature for her age.

ID: 3543e6e2 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it provides a detail about Elinor that is established in the text. The text indicates that although Elinor is "only nineteen," she gives good advice and exhibits such a high level of understanding and judgment that she serves as "the counsellor of her mother." Thus, Elinor is mature beyond her years.

Choice A is incorrect because it isn't supported by the text: although the text says that Elinor advises her mother and often counteracts her mother's impulses, there's no mention of Elinor arguing with her mother or failing to change her mother's mind. Choice B is incorrect because it isn't supported by the text: although the text mentions that Elinor has strong feelings, it doesn't indicate that she's excessively sensitive when it comes to family issues. Choice C is incorrect because it isn't supported by the text: there's no mention of what Elinor thinks about her mother and no suggestion that she thinks her mother is a bad role model. Because she's described as having "an excellent heart," Elinor likely doesn't think ill of her mother.

Question Difficulty: Easy

Question ID 75e07a4d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 75e07a4d

Sample of Food Items from Gemini Mission

Menus

Food item	Day	Meal
Sugar cookie cubes	1	B
Chicken and vegetables	2	B
Shrimp cocktail	4	C
Hot cocoa	3	A

To make sure they got the nutrition they needed while in space, the astronauts of NASA's Gemini missions were given menus for three meals a day (meals A, B, and C) on a four-day rotating schedule. Looking at the sample of food items from these menus, a student notes that on day 1, the menu included _____

Which choice most effectively uses data from the table to complete the statement?

- A. shrimp cocktail for meal B.
- B. hot cocoa for meal C.
- C. sugar cookie cubes for meal B.
- D. chicken and vegetables for meal A.

ID: 75e07a4d Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the statement. The table shows that on day 1, the menu for NASA's Gemini missions included sugar cookie cubes for meal B.

Choice A is incorrect because according to the table, shrimp cocktail was served on day 4, not day 1; moreover, the item was served for meal C, not meal B, as this choice claims. Choice B is incorrect because according to the table, hot cocoa was served on day 3, not on day 1; moreover, the item was served for meal A, not for meal C, as this choice claims. Choice D is incorrect because according to the table, chicken and vegetables were served on day 2, not on day 1; moreover, the item was served for meal B, not for meal A, as this choice claims.

Question Difficulty: Easy

Question ID 602b47c7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	Three solid blue squares followed by one outlined blue square.

ID: 602b47c7

Biologists have predicted that birds' feather structures vary with habitat temperature, but this hadn't been tested in mountain environments. Ornithologist Sahas Barve studied feathers from 249 songbird species inhabiting different elevations—and thus experiencing different temperatures—in the Himalaya Mountains. He found that feathers of high-elevation species not only have a greater proportion of warming downy sections to flat and smooth sections than do feathers of low-elevation species, but high-elevation species' feathers also tend to be longer, providing a thicker layer of insulation.

Which choice best states the main idea of the text?

- A. Barve's investigation shows that some species of Himalayan songbirds have evolved feathers that better regulate body temperature than do the feathers of other species, contradicting previous predictions.
- B. Barve found an association between habitat temperature and feather structure among Himalayan songbirds, lending new support to a general prediction.
- C. Barve discovered that songbirds have adapted to their environment by growing feathers without flat and smooth sections, complicating an earlier hypothesis.
- D. The results of Barve's study suggest that the ability of birds to withstand cold temperatures is determined more strongly by feather length than feather structure, challenging an established belief.

ID: 602b47c7 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text describes how Barve found an association between habitat temperature and feather structure among Himalayan songbirds, which supports the general prediction that birds' feather structures vary with habitat temperature.

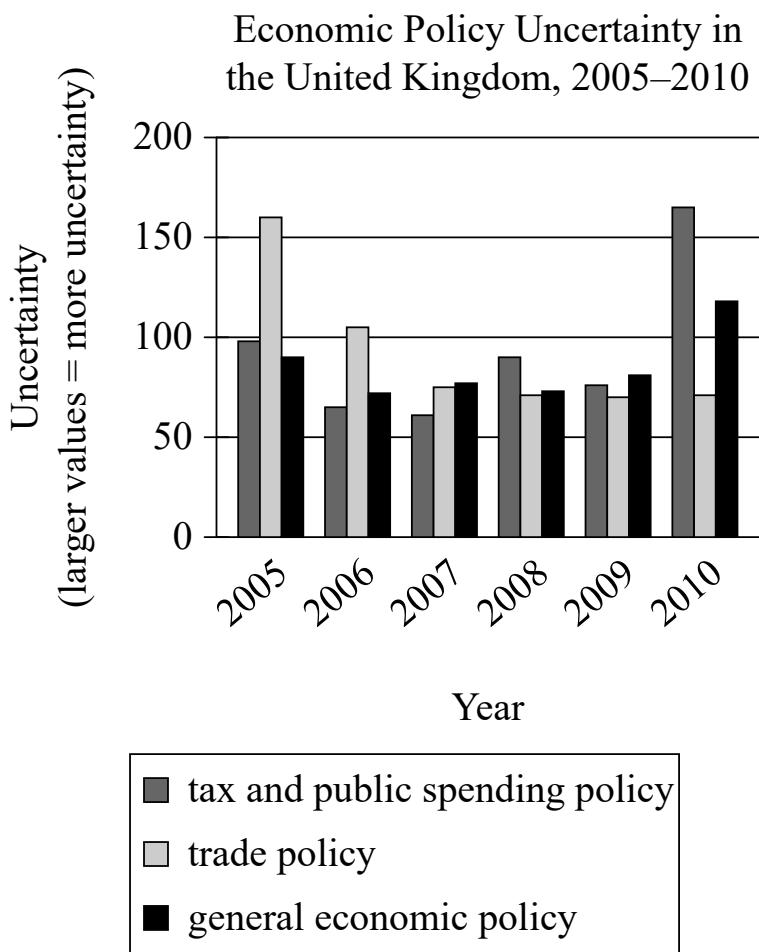
Choice A is incorrect. Barve's study isn't said to contradict previous predictions. In fact, the study supports the prediction described in the first sentence, which is that birds' feather structures vary with habitat temperature. Choice C is incorrect. Barve's study isn't said to "complicate an earlier hypothesis." In fact, the study supports the earlier prediction described in the first sentence, which is that birds' feather structures vary with habitat temperature. Choice D is incorrect. The text doesn't compare the importance of feather length and feather structure, and it doesn't say that Barve's study challenges any established beliefs. In fact, the study supports the prediction described in the first sentence, which is that birds' feather structures vary with habitat temperature.

Question Difficulty: Medium

Question ID 702eb7e3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 702eb7e3



High levels of public uncertainty about which economic policies a country will adopt can make planning difficult for businesses, but measures of such uncertainty have not tended to be very detailed. Recently, however, economist Sandile Hlatshwayo analyzed trends in news reports to derive measures not only for general economic policy uncertainty but also for uncertainty related to specific areas of economic policy, like tax or trade policy. One revelation of her work is that a general measure may not fully reflect uncertainty about specific areas of policy, as in the case of the United Kingdom, where general economic policy uncertainty _____

Which choice most effectively uses data from the graph to illustrate the claim?

- A. aligned closely with uncertainty about tax and public spending policy in 2005 but differed from uncertainty about tax and public spending policy by a large amount in 2009.
- B. was substantially lower than uncertainty about tax and public spending policy each year from 2005 to 2010.
- C. reached its highest level between 2005 and 2010 in the same year that uncertainty about trade policy and tax and public spending policy reached their lowest levels.
- D. was substantially lower than uncertainty about trade policy in 2005 and substantially higher than uncertainty about trade policy in 2010.

Correct Answer: D

Rationale

Choice D is the best answer because it uses data from the graph to effectively illustrate the text's claim about general economic policy uncertainty in the United Kingdom. The graph presents values for economic policy uncertainty in tax and public spending policy, trade policy, and general economic policy in the UK from 2005 to 2010. The graph shows that in 2005, the value for general economic policy uncertainty (approximately 90) was substantially lower than the value for uncertainty about trade policy specifically (approximately 160). It also shows that in 2010, the value for general economic policy uncertainty (approximately 120) was substantially higher than the value for uncertainty about trade policy (approximately 70). The substantial differences between these values in 2005 and 2010 support the claim that a general measure may not fully reflect uncertainty about specific areas of policy.

Choice A is incorrect because the graph shows that the level of general economic policy uncertainty was similar to the level of uncertainty about tax and public spending policy in both 2005 (with values of approximately 90 and 100, respectively) and 2009 (with values of approximately 80 and 75, respectively). Choice B is incorrect because the graph shows that general economic policy uncertainty was higher than uncertainty about tax and public spending policy in 2006, 2007, and 2009, not that it was lower each year from 2005 to 2010. Choice C is incorrect because the graph shows that general economic policy uncertainty reached its highest level in 2010, which was when uncertainty about tax and public spending policy also reached its highest level, not its lowest level.

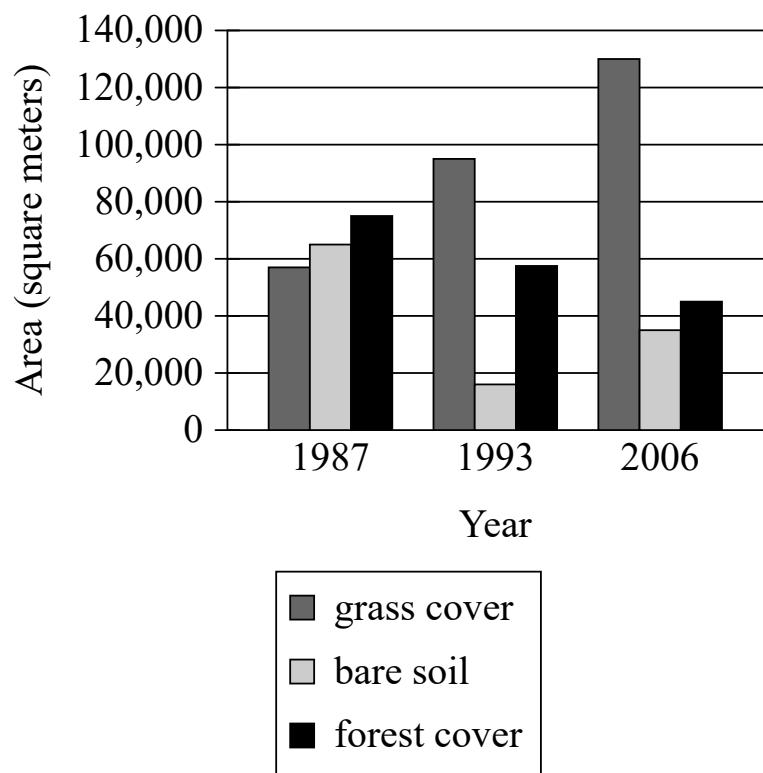
Question Difficulty: Hard

Question ID d83c3d54

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: d83c3d54

Characteristics of the Banks of the Provo River Downstream of the Jordanelle Dam



The Jordanelle Dam was built on the Provo River in Utah in 1992. Earth scientist Adriana E. Martinez and colleagues tracked changes to the environment on the banks of the river downstream of the dam, including how much grass and forest cover were present. They concluded that the dam changed the flow of the river in ways that benefited grass plants but didn't benefit trees.

Which choice best describes data from the graph that support Martinez and colleagues' conclusion?

- A. The lowest amount of grass cover was approximately 58,000 square meters, and the highest amount of forest cover was approximately 75,000 square meters.
- B. There was more grass cover than forest cover in 1987, and this difference increased dramatically in 1993 and again in 2006.
- C. There was less grass cover than bare soil in 1987 but more grass cover than bare soil in 1993 and 2006, whereas there was more forest cover than bare soil in all three years.
- D. Grass cover increased from 1987 to 1993 and from 1993 to 2006, whereas forest cover decreased in those periods.

ID: d83c3d54 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it describes data from the graph that support Martinez and colleagues' conclusion that the Jordanelle Dam led to changes that benefited grass plants but not trees. The graph shows characteristics of the banks of the Provo River downstream of the Jordanelle Dam in three different years—1987, 1993, and 2006. Specifically, the graph shows the amount of grass cover, bare soil, and forest cover in those years. The text indicates that the Jordanelle Dam was built in 1992, meaning that the data from the graph for 1987 reflect conditions before the dam was built, whereas the data for 1993 and 2006 reflect conditions after the dam was built. The data show that grass cover increased substantially from 1987 to 1993 and again from 1993 to 2006. The data also show that forest cover declined over those periods. Together, these data support Martinez and colleagues' conclusion that the dam was beneficial for grass plants but not for trees—grass cover increased significantly after the dam was built, while forest cover declined.

Choice A is incorrect. Although it is true that, in the graph, the lowest value for grass cover is approximately 58,000 square meters and the highest value for forest cover is approximately 75,000 square meters, both values are from 1987, before the Jordanelle Dam was built in 1992. Therefore, this information alone cannot support Martinez and colleagues' conclusion about changes in grass and tree cover following the construction of the dam. Choice B is incorrect because it presents an inaccurate description of data from the graph. The graph shows that there was more forest cover than grass cover in 1987, not that there was more grass cover than forest cover that year. Choice C is incorrect because, while it accurately reflects data from the graph when it compares grass cover and forest cover to bare soil, these data alone cannot support Martinez and colleagues' conclusion that the dam led to changes that benefited grass plants but not trees. An increase in grass cover relative to bare soil following the construction of the dam might indicate that the dam benefited grass plants, but the fact that there was more forest cover than bare soil in all three years doesn't indicate that the dam failed to benefit trees.

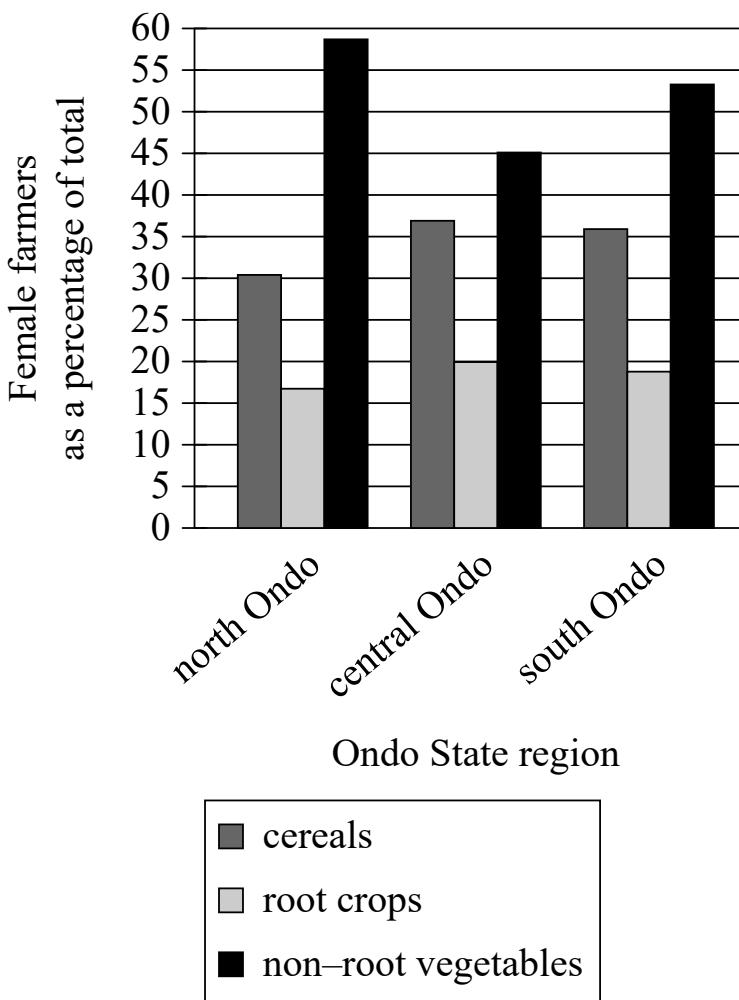
Question Difficulty: Medium

Question ID 403fb4e4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 403fb4e4

Percentage of Ondo State Small-Scale Farmers Who Are Female, by Main Crop Grown



Geographer Adebayo Oluwole Eludoyin and his colleagues surveyed small-scale farmers in three locations in Ondo State, Nigeria—which has mountainous terrain in the north, an urbanized center, and coastal terrain in the south—to learn more about their practices, like the types of crops they mainly cultivated. In some regions, female farmers were found to be especially prominent in the cultivation of specific types of crops and even constituted the majority of farmers who cultivated those crops; for instance, _____

Which choice most effectively uses data from the graph to complete the example?

- A. most of the farmers who mainly cultivated cereals and most of the farmers who mainly cultivated non–root vegetables in south Ondo were women.
- B. more women in central Ondo mainly cultivated root crops than mainly cultivated cereals.
- C. most of the farmers who mainly cultivated non–root vegetables in north and south Ondo were women.
- D. a relatively equal proportion of women across the three regions of Ondo mainly cultivated cereals.

ID: 403fb4e4 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it uses data from the graph to effectively complete the example of Eludoyin and his colleagues' findings concerning female farmers in some regions of Ondo State, Nigeria. The graph presents values for the percentage of Ondo State small-scale farmers who are female, by type of crop and region. The graph shows that of the farmers mainly cultivating non-root vegetables, approximately 57% in north Ondo and approximately 54% in south Ondo are female; in other words, most of those farmers are female, which exemplifies the idea that female farmers make up the majority (more than half) of the farmers cultivating specific types of crops in some regions.

Choice A is incorrect because it inaccurately cites data from the graph: the graph shows that in south Ondo, most of the farmers mainly cultivating non-root vegetables are women (approximately 54%), but that only about 35% (less than half) of the farmers mainly cultivating cereals are women. Choice B is incorrect because it inaccurately cites data from the graph: the graph shows that more women in central Ondo mainly cultivate cereals than mainly cultivate root crops (approximately 36% and 20%, respectively). Additionally, it doesn't effectively complete the example because the graph shows that female farmers don't make up the majority (more than half) of the farmers for any type of crop in central Ondo. Choice D is incorrect because it doesn't effectively complete the example; it simply states that a relatively equal proportion of women across the three regions mainly cultivate cereals, which doesn't address the value for that proportion and thus doesn't show that a majority (more than half) of the farmers cultivating certain crops are female.

Question Difficulty: Hard

Question ID 94c54577

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 94c54577

While attending school in New York City in the 1980s, Okwui Enwezor encountered few works by African artists in exhibitions, despite New York's reputation as one of the best places to view contemporary art from around the world. According to an arts journalist, later in his career as a renowned curator and art historian, Enwezor sought to remedy this deficiency, not by focusing solely on modern African artists, but by showing how their work fits into the larger context of global modern art and art history.

Which finding, if true, would most directly support the journalist's claim?

- A. As curator of the Haus der Kunst in Munich, Germany, Enwezor organized a retrospective of Ghanaian sculptor El Anatsui's work entitled *El Anatsui: Triumphant Scale*, one of the largest art exhibitions devoted to a Black artist in Europe's history.
- B. In the exhibition *Postwar: Art Between the Pacific and the Atlantic, 1945–1965*, Enwezor and cocurator Katy Siegel brought works by African artists such as Malangatana Ngwenya together with pieces by major figures from other countries, like US artist Andy Warhol and Mexico's David Siqueiros.
- C. Enwezor's work as curator of the 2001 exhibition *The Short Century: Independence and Liberation Movements in Africa, 1945–1994* showed how African movements for independence from European colonial powers following the Second World War profoundly influenced work by African artists of the period, such as Kamala Ibrahim Ishaq and Thomas Mukarobgwa.
- D. Enwezor organized the exhibition *In/sight: African Photographers, 1940 to the Present* not to emphasize a particular aesthetic trend but to demonstrate the broad range of ways in which African artists have approached the medium of photography.

ID: 94c54577 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a finding that, if true, would most directly support the arts journalist's claim about Enwezor's work as a curator and art historian. In the text, the arts journalist asserts that Enwezor wished not just to focus on modern African artists but also to show "how their work fits into the larger context of global modern art and art history," or how their work relates to artistic developments and work by other artists elsewhere in the world. The description of *Postwar: Art Between the Pacific and the Atlantic, 1945–1965* indicates that Enwezor and Siegel's exhibition brought works by African artists together with works by artists from other countries, thus supporting the arts journalist's claim that Enwezor sought to show works by African artists in a context of global modern art and art history.

Choice A is incorrect because it describes a retrospective that wouldn't support the arts journalist's claim that Enwezor wanted to show how works by modern African artists fit into the larger context of global modern art and art history. The description of *El Anatsui: Triumphant Scale* indicates that the retrospective focused only on the work of a single African artist, El Anatsui. The description doesn't suggest that the exhibition showed how El Anatsui's works fit into a global artistic context. Choice C is incorrect because it describes an exhibition that wouldn't support the arts journalist's claim that Enwezor wanted to show how works by modern African artists

relate to the larger context of global modern art and art history. The description of *The Short Century: Independence and Liberation Movements in Africa, 1945–1994* indicates that the exhibition showed how African artists were influenced by movements for independence from European colonial powers following the Second World War. Although this suggests that Enwezor intended the exhibition to place works by African artists in a political context, it doesn't indicate that the works were placed in a global artistic context. Choice D is incorrect because it describes an exhibition that wouldn't support the arts journalist's claim that Enwezor wanted to show how works by modern African artists relate to the larger context of global modern art and art history. The description of *In/sight: African Photographers, 1940 to the Present* indicates that the exhibition was intended to reveal the broad range of approaches taken by African photographers, not that the exhibition showed how photography by African artists fits into a global artistic context.

Question Difficulty: Hard

Question ID ce4448b7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: ce4448b7

Researchers recently found that disruptions to an enjoyable experience, like a short series of advertisements during a television show, often increase viewers' reported enjoyment. Suspecting that disruptions to an unpleasant experience would have the opposite effect, the researchers had participants listen to construction noise for 30 minutes and anticipated that those whose listening experience was frequently interrupted with short breaks of silence would thus

Which choice most logically completes the text?

- A. find the disruptions more irritating as time went on.
- B. rate the listening experience as more negative than those whose listening experience was uninterrupted.
- C. rate the experience of listening to construction noise as lasting for less time than it actually lasted.
- D. perceive the volume of the construction noise as growing softer over time.

ID: ce4448b7 Answer

Correct Answer: B

Rationale

Choice B is the best answer. It most logically completes the text. The text tells us that disruptions to an enjoyable experience increase viewers' enjoyment. It also says that researchers suspect the opposite is true for disruptions to an unpleasant experience. Thus, we can infer that the researchers expect to find that the interrupted unpleasant experience was worse for listeners than the uninterrupted unpleasant experience.

Choice A is incorrect. It doesn't logically complete the text. The text never makes any claims about how irritating the disruptions themselves are perceived to be. Rather, the text says that pleasant experiences are perceived as more enjoyable with interruptions, and that the opposite is suspected to be true of unpleasant experiences. Choice C is incorrect. It doesn't logically complete the text. The text never makes any claims about how long any experience is perceived to be. Rather, the text says that pleasant experiences are perceived as more enjoyable with interruptions, and that the opposite is suspected to be true of unpleasant experiences. Choice D is incorrect. It doesn't logically complete the text. The text never makes any claims about how interruptions affect the perceived volume of the unpleasant or pleasant experience. Rather, the text says that pleasant experiences are perceived as more enjoyable with interruptions, and that the opposite is suspected to be true of unpleasant experiences.

Question Difficulty: Hard

Question ID 1f3be847

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 1f3be847

"Loon Point" is a 1912 poem by Amy Lowell. In the poem, which presents a nighttime scene on a body of water, Lowell describes an element of nature as an active participant in the experience, writing, _____

Which quotation from "Loon Point" most effectively illustrates the claim?

- A. "Through the water the moon writes her legends / In light, on the smooth, wet sand."
- B. "Softly the water ripples / Against the canoe's curving side."
- C. "Or like the snow-white petals / Which drop from an overblown rose."
- D. "But the moon in her wayward beauty / Is ever and always the same."

ID: 1f3be847 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively illustrates the claim that Lowell describes an element of nature as an active participant in the experience of a nighttime scene on a body of water. The quotation presents the image of the moon shining on a body of water. However, instead of describing the moon in passive terms or simply stating that it reflects through the water and onto the sandy shore, the quotation portrays the moon as being engaged in the humanlike action of writing a legend. In other words, the moon is participating actively in the nighttime scene.

Choice B is incorrect. Although the quotation describes a nighttime scene on a body of water, the element of nature in these lines—the waves—isn't portrayed as an active participant in an experience; instead, the waves merely ripple softly against a canoe, as waves would normally do. Choice C is incorrect because the quotation doesn't present a nighttime scene on a body of water; instead, it describes petals falling from a rose. Choice D is incorrect. Although the quotation presents an image of an element of nature—the moon—it doesn't mention a body of water; moreover, it portrays the moon not as an active participant in a scene but instead as static or unchanging ("ever and always the same").

Question Difficulty: Medium

Question ID 7a1877be

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 7a1877be

Nucleobase Concentrations from Murchison Meteorite and Soil Samples in Parts per Billion

Nucleobase	Murchison meteorite sample 1	Murchison meteorite sample 2	Murchison soil sample
Isoguanine	0.5	0.04	not detected
Purine	0.2	0.02	not detected
Xanthine	39	3	1
Adenine	15	1	40
Hypoxanthine	24	1	2

Employing high-performance liquid chromatography—a process that uses pressurized water to separate material into its component molecules—astrochemist Yashiro Oba and colleagues analyzed two samples of the Murchison meteorite that landed in Australia as well as soil from the landing zone of the meteorite to determine the concentrations of various organic molecules. By comparing the relative concentrations of types of molecules known as nucleobases in the Murchison meteorite with those in the soil, the team concluded that there is evidence that the nucleobases in the Murchison meteorite formed in space and are not the result of contamination on Earth.

Which choice best describes data from the table that support the team's conclusion?

- A. Isoguanine and purine were detected in both meteorite samples but not in the soil sample.
- B. Adenine and xanthine were detected in both of the meteorite samples and in the soil sample.
- C. Hypoxanthine and purine were detected in both the Murchison meteorite sample 2 and in the soil sample.
- D. Isoguanine and hypoxanthine were detected in the Murchison meteorite sample 1 but not in sample 2.

ID: 7a1877be Answer

Correct Answer: A

Rationale

Choice A is the best answer. The researchers concluded that the meteorite's nucleobases weren't the result of soil contamination. Presence of nucleobases in the meteorite and not in soil provides evidence that those nucleobases likely didn't come from the soil.

Choice B is incorrect. This choice doesn't justify the conclusion. The researchers concluded that the meteorite's nucleobases weren't the result of soil contamination. If the nucleobases are present in both the soil and meteorite, then it's possible that these nucleobases came from the soil. Choice C is incorrect. This choice misreads the table. Purine was not detected in the soil sample. Choice D is incorrect. This choice misreads the table. Both isoguanine and hypoxanthine were detected in both Murchison meteorite samples.

Question Difficulty: Hard

Question ID 11a9f635

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	(Three filled blue squares followed by one empty square)

ID: 11a9f635

Paleontologists searching for signs of ancient life have found many fossilized specimens of prehistoric human ancestors, including several from the Pleistocene era discovered in a geological formation in the Minatogawa quarry in Japan. However, to study the emergence of the earliest multicellular organisms to appear on Earth, researchers must turn elsewhere, such as to the Ediacaran geological formation at Mistaken Point in Canada. A UNESCO World Heritage Site, the 146-hectare reserve contains more than 10,000 fossils that together document a critical moment in evolutionary history.

What does the text indicate about the geological formation at Mistaken Point?

- A. It holds a greater number of fossils but from a smaller variety of species than the formation in the Minatogawa quarry does.
- B. It has provided evidence that the earliest human species may have emerged before the Pleistocene era.
- C. It is widely considered by paleontologists to be the most valuable source of information about prehistoric life forms.
- D. It contains specimens from an older time period than those found in the formation in the Minatogawa quarry.

ID: 11a9f635 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text says that the formation at Mistaken Point contains fossils of “the earliest multicellular organisms,” which implies that these fossils are from an older time period than the fossils of “prehistoric human ancestors” found in the Minatogawa quarry.

Choice A is incorrect. The text says that the formation at Mistake Point contains “more than 10,000 fossils,” but it doesn’t compare this number to the number of fossils in the Minatogawa quarry. It also doesn’t say anything about the variety of species in either formation. Choice B is incorrect. The text says that the formation at Mistaken Point contains fossils of “the earliest multicellular organisms,” but it never says that the site contains early human fossils too. Rather, the early human fossils mentioned in the text were found in the formation at Minatogawa quarry. Choice C is incorrect. The text says that the fossils at Mistaken Point “document a critical moment in evolutionary history,” but it never says that Mistaken Point is the most valuable source of information about prehistoric life forms.

Question Difficulty: Medium

Question ID 57485f5e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 57485f5e

The following text is adapted from Johanna Spyri's 1881 novel *Heidi* (translated by Elisabeth Stork in 1915). Eight-year-old Heidi and her friend's grandmother are looking at some illustrated books.

Heidi had come and was looking with wondering eyes at the splendid pictures in the large books, that Grandmama was showing her. Suddenly she screamed aloud, for there on the picture she saw a peaceful flock grazing on a green pasture. In the middle a shepherd was standing, leaning on his crook. The setting sun was shedding a golden light over everything. With glowing eyes Heidi devoured the scene.

Which choice best states the main idea of the text?

- A. Heidi is upset until she sees a serene image of a pasture in one of Grandmama's books.
- B. Heidi is delighted and fascinated by an image she sees in one of Grandmama's books.
- C. Heidi is initially frightened by an image in one of Grandmama's books but quickly comes to appreciate its beauty.
- D. Heidi is inspecting an image in one of Grandmama's books because she has never seen a shepherd with his sheep before.

ID: 57485f5e Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively states the main idea of the text, which is that Heidi is delighted and fascinated by an image she sees in one of Grandmama's books. In the text, Heidi screams upon first seeing the picture of the green pasture. In another context, such a reaction might suggest fear, but here the reaction is followed by descriptions of an image that's peaceful rather than scary. The text goes on to describe Heidi's eyes as "glowing" and states that she "devoured the scene," suggesting that the image delights and fascinates her so much that she wants to examine every detail. Together, these descriptions suggest that Heidi is thrilled and intrigued by the image in the book.

Choice A is incorrect because there's nothing in the text to suggest that Heidi is upset before seeing the peaceful image of the green pasture. Before Heidi sees that image, the text describes her as "looking with wondering eyes at the splendid pictures" in the book, suggesting that Heidi is intrigued, not that she's unhappy. Choice C is incorrect. Although Heidi screams upon first seeing the image, the text's description of the image and Heidi's other reactions to it suggest that she is screaming with delight, not fear. The text describes the images in the book as "splendid" and the particular image that causes her to scream as peaceful rather than frightening. It also describes Heidi's eyes as "glowing" and states that she "devoured the scene," suggesting that the image of the green pasture delights and fascinates her so much that she wants to examine every detail. Choice D is incorrect because it's unclear from the text whether Heidi has ever seen a shepherd with his sheep before. The text merely suggests that she is delighted and fascinated by the image of the shepherd and his sheep.

Question Difficulty: Easy

Question ID a68fd3e7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: a68fd3e7

Many of William Shakespeare's tragedies address broad themes that still appeal to today's audiences. For instance, *Romeo and Juliet*, which is set in the Italy of Shakespeare's time, tackles the themes of parents versus children and love versus hate, and the play continues to be read and produced widely around the world. But understanding Shakespeare's so-called history plays can require a knowledge of several centuries of English history. Consequently, _____

Which choice most logically completes the text?

- A. many theatergoers and readers today are likely to find Shakespeare's history plays less engaging than the tragedies.
- B. some of Shakespeare's tragedies are more relevant to today's audiences than twentieth-century plays.
- C. *Romeo and Juliet* is the most thematically accessible of all Shakespeare's tragedies.
- D. experts in English history tend to prefer Shakespeare's history plays to his other works.

ID: a68fd3e7 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of the relative appeal of different kinds of plays by Shakespeare to today's audiences. According to the text, Shakespeare's tragedies address broad themes that continue to appeal to today's audiences. Indeed, the text suggests that these themes are timeless, as illustrated by the example of *Romeo and Juliet*, which the text states is still read and widely performed despite being set in the Italy of Shakespeare's time. In contrast, the text indicates that audiences and readers may need to be familiar with several centuries of English history in order to understand Shakespeare's history plays. Because many theatergoers and readers are unlikely to possess such extensive historical knowledge, it follows that they are likely to find Shakespeare's history plays less engaging than his more accessible tragedies.

Choice B is incorrect because the text never introduces a comparison between Shakespeare's tragedies and twentieth-century plays, only between Shakespeare's tragedies and his history plays. Since twentieth-century plays aren't mentioned, there's no basis in the text for the idea that some of Shakespeare's tragedies are more relevant than twentieth-century plays to today's audiences. Choice C is incorrect. Although the text indicates that *Romeo and Juliet* is thematically accessible to today's audiences, it doesn't suggest that *Romeo and Juliet* is more accessible than Shakespeare's other tragedies. Rather, the text presents *Romeo and Juliet* as an example to support the idea that Shakespeare's tragedies hold continued appeal for today's readers and theatergoers. Choice D is incorrect. Although experts in English history would likely possess the knowledge needed to understand Shakespeare's history plays, the text never mentions such experts or suggests that they would enjoy the history plays more than Shakespeare's other works.

Question Difficulty: Hard

Question ID e677fa6c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	(Three filled blue squares followed by one empty square)

ID: e677fa6c

The following text is adapted from Edgar Allan Poe's 1849 story "Landor's Cottage."

During a pedestrian trip last summer, through one or two of the river counties of New York, I found myself, as the day declined, somewhat embarrassed about the road I was pursuing. The land undulated very remarkably; and my path, for the last hour, had wound about and about so confusedly, in its effort to keep in the valleys, that I no longer knew in what direction lay the sweet village of B——, where I had determined to stop for the night.

Which choice best states the main idea of the text?

- A. The narrator remembers a trip he took and admits to getting lost.
- B. The narrator recalls fond memories of a journey that he took through some beautiful river counties.
- C. The narrator describes what he saw during a long trip through a frequently visited location.
- D. The narrator explains the difficulties he encountered on a trip and how he overcame them.

ID: e677fa6c Answer

Correct Answer: A

Rationale

Choice A is the best answer. The narrator is "embarrassed" about the route he took, which ends up leaving him lost and confused about how to get to his destination for the evening.

Choice B is incorrect. This choice doesn't match the passage. The narrator is embarrassed, rather than fond, and he doesn't describe the beauty of the place. Choice C is incorrect. This choice doesn't match the passage. We don't know from this excerpt whether or not the narrator has visited this part of New York multiple times. Choice D is incorrect. This choice doesn't match the passage. The narrator doesn't explain how he overcame being lost in this excerpt.

Question Difficulty: Medium

Question ID 3d91c973

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 3d91c973

Mosasurs were large marine reptiles that lived in the Late Cretaceous period, approximately 100 million to 66 million years ago. Celina Suarez, Alberto Pérez-Huerta, and T. Lynn Harrell Jr. examined oxygen-18 isotopes in mosasaur tooth enamel in order to calculate likely mosasaur body temperatures and determined that mosasaurs were endothermic—that is, they used internal metabolic processes to maintain a stable body temperature in a variety of ambient temperatures. Suarez, Pérez-Huerta, and Harrell claim that endothermy would have enabled mosasaurs to include relatively cold polar waters in their range.

Which finding, if true, would most directly support Suarez, Pérez-Huerta, and Harrell's claim?

- A. Mosasaurs' likely body temperatures are easier to determine from tooth enamel oxygen-18 isotope data than the body temperatures of nonendothermic Late Cretaceous marine reptiles are.
- B. Fossils of both mosasaurs and nonendothermic marine reptiles have been found in roughly equal numbers in regions known to be near the poles during the Late Cretaceous, though in lower concentrations than elsewhere.
- C. Several mosasaur fossils have been found in regions known to be near the poles during the Late Cretaceous, while relatively few fossils of nonendothermic marine reptiles have been found in those locations.
- D. During the Late Cretaceous, seawater temperatures were likely higher throughout mosasaurs' range, including near the poles, than seawater temperatures at those same latitudes are today.

ID: 3d91c973 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents the finding that, if true, would best support Suarez, Pérez-Huerta, and Harrell's claim about mosasaurs. The text states that Suarez, Pérez-Huerta, and Harrell's research on mosasaur tooth enamel led them to conclude that mosasaurs were endothermic, which means that they could live in waters at many different temperatures and still maintain a stable body temperature. The researchers claim that endothermy enabled mosasaurs to live in relatively cold waters near the poles. If several mosasaur fossils have been found in areas that were near the poles during the period when mosasaurs were alive and fossils of nonendothermic marine reptiles are rare in such locations, that would support the researchers' claim: it would show that mosasaurs inhabited polar waters but nonendothermic marine mammals tended not to, suggesting that endothermy may have been the characteristic that enabled mosasaurs to include polar waters in their range.

Choice A is incorrect because finding that it's easier to determine mosasaur body temperatures from tooth enamel data than it is to determine nonendothermic reptile body temperatures wouldn't support the researchers' claim. Whether one research process is more difficult than another indicates nothing about the results of those processes and therefore is irrelevant to the issue of where mosasaurs lived and what enabled them to live in those locations. Choice B is incorrect because finding roughly equal numbers of mosasaur and nonendothermic marine reptile fossils in areas that were near the poles in the Late Cretaceous would suggest that endothermy didn't give mosasaurs any particular advantage when it came to expanding their range to include relatively cold polar waters, thereby weakening the researchers' claim rather than supporting it. Choice D is incorrect because

finding that the temperature of seawater in the Late Cretaceous was warmer than seawater today wouldn't weaken the researchers' claim. Seawater in the Late Cretaceous could have been warmer than seawater today but still cold enough for endothermy to be advantageous to mosasaurs, so this finding wouldn't provide enough information to either support or weaken the researchers' claim.

Question Difficulty: Hard

Question ID 7cbb9764

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	Three solid blue squares followed by one outlined blue square.

ID: 7cbb9764

Accomplished printmaker and sculptor Elizabeth Catlett (1915–2012) used her art to explore the Black experience in the United States. In a paper for an art history class, a student claims that Catlett had a particular talent for unifying various artistic traditions and styles in her work.

Which quotation from a scholar describing Catlett's work would best support the student's claim?

- A. "In *Mother and Child*, a sculpture of two Black figures, Catlett used an ancient Indigenous sculpting technique and combined the visual aesthetic of modern Mexican muralists with that of German artist Kathe Kollwitz."
- B. "In her collage *New Generation*, Catlett overlaid fabric onto the canvas to represent the clothing of a father and his toddler, positioned to evoke classic images of a mother and child."
- C. "Created in 1968, Catlett's sculpture *Black Unity*, a stylized fist sculpted from mahogany and measuring two feet across, remains an important piece and has received renewed and well-deserved attention in recent years."
- D. "One series of Catlett's prints, made by the artist using the linoleum cut method, depicts several notable African American women, including Harriet Tubman and Sojourner Truth."

ID: 7cbb9764 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a quotation about Elizabeth Catlett that supports the student's claim that this artist had a talent for unifying various traditions and styles in her work. The quotation explains that to create the work, Catlett combined Indigenous sculpture with the visual aesthetic of modern muralists from Mexico as well as that of German artist Kathe Kollwitz. In other words, Catlett was able to unify several artistic traditions and styles within a single sculpture.

Choice B is incorrect because in discussing the technique and subject matter of Catlett's collage, the quotation makes no reference to particular traditions or styles. Choice C is incorrect because in describing the sculpture, the quotation doesn't mention any artistic traditions or styles that Catlett may have synthesized to create the work. Choice D is incorrect because in discussing Catlett's prints of notable African American women, the quotation doesn't characterize those prints as having fused different traditions or styles.

Question Difficulty: Medium

Question ID 94ca8ebd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 94ca8ebd

A student is examining a long, challenging poem that was initially published in a quarterly journal without explanatory notes, then later republished in a stand-alone volume containing only that poem and accompanying explanatory notes written by the poet. The student asserts that the explanatory notes were included in the republication primarily as a marketing device to help sell the stand-alone volume.

Which statement, if true, would most directly support the student's claim?

- A. The text of the poem as published in the quarterly journal is not identical to the text of the poem published in the stand-alone volume.
- B. Many critics believe that the poet's explanatory notes remove certain ambiguities of the poem and make it less interesting as a result.
- C. The publishers of the stand-alone volume requested the explanatory notes from the poet in order to make the book attractive to readers who already had a copy of the poem in a journal issue.
- D. Correspondence between the poet and the publisher reveals that the poet's explanatory notes went through several drafts.

ID: 94ca8ebd Answer

Correct Answer: C

Rationale

Choice C is the best answer because it would most directly support the student's claim about the motivation for including explanatory notes with the stand-alone volume of the poem. The text explains that the poem had previously been published without the notes in a quarterly journal. It stands to reason that readers who had purchased the journal issue containing the poem would be unlikely to purchase an unchanged version of the poem in a stand-alone volume. However, the inclusion of notes in that volume would encourage the purchase of a stand-alone volume, since the later text would differ from the original by including the author's own explanation of the poem. Therefore, if it were true that the publishers of the stand-alone volume had requested the notes to make the book attractive to readers who already had a copy of the journal issue, this fact would support the student's claim that the notes were included primarily as a marketing device.

Choice A is incorrect because the student's claim is about the motivation for including the explanatory notes in the stand-alone volume, not about changes that might have been made to the poem itself for publication in that volume; moreover, the text never suggests that such changes were made. Choice B is incorrect because the student's claim is about why the explanatory notes were included in the stand-alone volume, not about how the notes affected readers' and critics' subsequent experience of the poem. Choice D is incorrect because the fact that the poet drafted multiple versions of the explanatory notes doesn't directly address the issue of whether the notes were intended as a marketing device, as the student claims; the correspondence would support this claim only if it showed that the poet had revised the notes specifically to make them useful to the marketing of the stand-alone volume.

Question Difficulty: Medium

Question ID 66c47028

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 66c47028

In 1934 physicist Eugene Wigner posited the existence of a crystal consisting entirely of electrons in a honeycomb-like structure. The so-called Wigner crystal remained largely conjecture, however, until Feng Wang and colleagues announced in 2021 that they had captured an image of one. The researchers trapped electrons between two semiconductors and then cooled the apparatus, causing the electrons to settle into a crystalline structure. By inserting an ultrathin sheet of graphene above the crystal, the researchers obtained an impression—the first visual confirmation of the Wigner crystal.

Which choice best states the main idea of the text?

- A. Researchers have obtained the most definitive evidence to date of the existence of the Wigner crystal.
- B. Researchers have identified an innovative new method for working with unusual crystalline structures.
- C. Graphene is the most important of the components required to capture an image of a Wigner crystal.
- D. It's difficult to acquire an image of a Wigner crystal because of the crystal's honeycomb structure.

ID: 66c47028 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately states the main idea of the text. According to the text, Eugene Wigner hypothesized that a crystal could exist that would be composed of electrons and have a honeycomb-like shape. The text goes on to say that the existence of the Wigner crystal remained unconfirmed until Feng Wang and colleagues were able to make an impression of one using two semiconductors and an ultrathin sheet of graphene. Thus, the main idea is that researchers have obtained the most definitive evidence to date of the existence of the Wigner crystal.

Choice B is incorrect because the text focuses on one kind of crystal—the Wigner crystal—and doesn't discuss crystalline structures in general. And although the text conveys that Wang and colleagues figured out a way to capture an image of a Wigner crystal, it doesn't address the idea of applying this approach to other types of crystals. Choice C is incorrect because the text describes in general the process Wang and colleagues followed to obtain an impression of the Wigner crystal; it doesn't address the relative importance of each component in that process. Choice D is incorrect because the text doesn't state that researchers had a hard time getting an impression of the Wigner crystal because of its honeycomb structure. Nothing in the text indicates why it took so long to prove the existence of this crystal or take an impression of it.

Question Difficulty: Medium

Question ID 0770b53d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0770b53d

O Pioneers! is a 1913 novel by Willa Cather. In the novel, Cather portrays Alexandra Bergson as having a deep emotional connection to her natural surroundings: _____

Which quotation from *O Pioneers!* most effectively illustrates the claim?

- A. "She had never known before how much the country meant to her. The chirping of the insects down in the long grass had been like the sweetest music. She had felt as if her heart were hiding down there, somewhere, with the quail and the plover and all the little wild things that crooned or buzzed in the sun. Under the long shaggy ridges, she felt the future stirring."
- B. "Alexandra talked to the men about their crops and to the women about their poultry. She spent a whole day with one young farmer who had been away at school, and who was experimenting with a new kind of clover hay. She learned a great deal."
- C. "Alexandra drove off alone. The rattle of her wagon was lost in the howling of the wind, but her lantern, held firmly between her feet, made a moving point of light along the highway, going deeper and deeper into the dark country."
- D. "It was Alexandra who read the papers and followed the markets, and who learned by the mistakes of their neighbors. It was Alexandra who could always tell about what it had cost to fatten each steer, and who could guess the weight of a hog before it went on the scales closer than John Bergson [her father] himself."

ID: 0770b53d Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the quotation that most directly illustrates the claim that Cather portrays Alexandra as having a deep emotional connection to her natural surroundings. This quotation states that the country meant a great deal to Alexandra and then goes on to detail several ways in which her natural surroundings affect her emotionally: the insects sound like "the sweetest music," she feels as though "her heart were hiding" in the grass "with the quail and the plover," and near the ridges she feels "the future stirring."

Choice B is incorrect because the quotation doesn't suggest that Alexandra had a deep emotional connection to her natural surroundings but instead describes how she interacts with the people around her to learn more about crops, poultry, and experiments with clover hay. Choice C is incorrect because the quotation doesn't suggest that Alexandra has a deep emotional connection to her natural surroundings but instead describes her nighttime departure in a wagon. The quotation says nothing about Alexandra's emotional state. Choice D is incorrect because the quotation doesn't convey Alexandra's deep emotional connection to her natural surroundings; instead, this quotation describes how well she understands the markets and livestock.

Question Difficulty: Easy

Question ID 58e9e497

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 58e9e497

In the early nineteenth century, some Euro-American farmers in the northeastern United States used agricultural techniques developed by the Haudenosaunee (Iroquois) people centuries earlier, but it seems that few of those farmers had actually seen Haudenosaunee farms firsthand. Barring the possibility of several farmers of the same era independently developing techniques that the Haudenosaunee people had already invented, these facts most strongly suggest that _____.

Which choice most logically completes the text?

- A. those farmers learned the techniques from other people who were more directly influenced by Haudenosaunee practices.
- B. the crops typically cultivated by Euro-American farmers in the northeastern United States were not well suited to Haudenosaunee farming techniques.
- C. Haudenosaunee farming techniques were widely used in regions outside the northeastern United States.
- D. Euro-American farmers only began to recognize the benefits of Haudenosaunee farming techniques late in the nineteenth century.

ID: 58e9e497 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of Euro-American farmers' use of Haudenosaunee agricultural techniques. According to the text, some Euro-American farmers were using these techniques in the early nineteenth century despite few of the farmers having seen Haudenosaunee farms. One explanation for these facts might be that the farmers developed techniques on their own that already had been invented centuries earlier by the Haudenosaunee people, but the text explicitly bars, or rules out, this explanation. If Euro-American farmers didn't learn these techniques from direct observation of Haudenosaunee practices and didn't invent the techniques independently, then the most logical explanation is that they learned the techniques from other people who were more directly influenced by Haudenosaunee practices than the farmers themselves were. Once they learned about Haudenosaunee agricultural practices, Euro-American farmers could then apply those practices to their own farming.

Choice B is incorrect because the fact that some Euro-American farmers in the northeastern United States were using Haudenosaunee techniques suggests that the techniques were likely useful for the crops the farmers raised, not that the crops typically cultivated by the farmers were not well suited to Haudenosaunee farming techniques. If the farmers' crops were ill suited to the techniques, it's unlikely that the farmers would have used those techniques. Choice C is incorrect because the text indicates only that Haudenosaunee agricultural techniques were used by Euro-American farmers in the northeastern United States, not that these techniques were widely used outside this region. Choice D is incorrect because the text states that some Euro-American farmers were using Haudenosaunee farming techniques early in the nineteenth century. This suggests that some Euro-American farmers were beginning to recognize the benefits of these techniques near the start of the century, not that such farmers only began to recognize the benefits of the techniques much later.

Question Difficulty: Hard

Question ID 1a2b29c9

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 1a2b29c9

The following text is adapted from María Cristina Mena's 1914 short story "The Vine-Leaf."

It is a saying in the capital of Mexico that Dr. Malsufrido carries more family secrets under his hat than any archbishop.

The doctor's hat is, appropriately enough, uncommonly capacious, rising very high, and sinking so low that it seems to be supported by his ears and eyebrows, and it has a furry look, as if it had been brushed the wrong way, which is perhaps what happens to it if it is ever brushed at all. When the doctor takes it off, the family secrets do not fly out like a flock of parrots, but remain nicely bottled up beneath a dome of old and highly polished ivory.

Based on the text, how do people in the capital of Mexico most likely regard Dr. Malsufrido?

- A. Many have come to tolerate him despite his disheveled appearance.
- B. Few feel concerned that he will divulge their confidences.
- C. Some dislike how freely he discusses his own family.
- D. Most would be unimpressed by him were it not for his professional expertise.

ID: 1a2b29c9 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text describes a saying in the capital that Malsufrido keeps more secrets than an archbishop. It also says that when he takes off his hat, "the family secrets do not fly out... but remain nicely bottled up," suggesting that he will not betray his confidences.

Choice A is incorrect. This choice doesn't reflect the text. While his hat is large and appears to have been brushed in the wrong direction, Dr. Malsufrido does not seem to be regarded as ill-dressed or disheveled. Choice C is incorrect. This choice is the opposite of what the text says. The secrets of families (his and others') remain "bottled up" in his head. Choice D is incorrect. This choice isn't supported by the text. His professional expertise is not discussed in the passage.

Question Difficulty: Hard

Question ID 71904085

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 71904085

Linguist Deborah Tannen has cautioned against framing contentious issues in terms of two highly competitive perspectives, such as pro versus con. According to Tannen, this debate-driven approach can strip issues of their complexity and, when used in front of an audience, can be less informative than the presentation of multiple perspectives in a noncompetitive format. To test Tannen's hypothesis, students conducted a study in which they showed participants one of three different versions of local news commentary about the same issue. Each version featured a debate between two commentators with opposing views, a panel of three commentators with various views, or a single commentator.

Which finding from the students' study, if true, would most strongly support Tannen's hypothesis?

- A. On average, participants perceived commentators in the debate as more knowledgeable about the issue than commentators in the panel.
- B. On average, participants perceived commentators in the panel as more knowledgeable about the issue than the single commentator.
- C. On average, participants who watched the panel correctly answered more questions about the issue than those who watched the debate or the single commentator did.
- D. On average, participants who watched the single commentator correctly answered more questions about the issue than those who watched the debate did.

ID: 71904085 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents the finding that, if true, would most strongly support Tannen's hypothesis. According to the text, Tannen's hypothesis is that multiple perspectives presented in a noncompetitive format is more informative than a debate between opposing viewpoints is. If participants who saw a panel of three commentators with various views about an issue answered more questions about the issue correctly than did participants who saw a debate, that would support Tannen's hypothesis since it would show that participants who heard multiple varied perspectives were better informed than were participants who heard a debate between opposing viewpoints.

Choice A is incorrect because finding that participants perceived commentators in the debate as more knowledgeable than commentators in the panel is irrelevant to Tannen's hypothesis, which is that presenting multiple perspectives on an issue is more informative to the audience than presenting opposing views of the issue is. Participants' perception of how knowledgeable panelists are has no bearing on how much participants learn from the panelists. Choice B is incorrect because finding that participants perceived commentators in the panel as more knowledgeable than a single commentator is irrelevant to Tannen's hypothesis, which is that presenting multiple perspectives on an issue is more informative to the audience than presenting opposing views of the issue is. Participants' perception of how knowledgeable panelists are has no bearing on how much participants learn from the panelists, and Tannen's hypothesis says nothing about how informative single commentators are. Choice D is incorrect because finding that participants who watched a single commentator answered more questions correctly than participants who watched the debate did wouldn't be relevant to

Tannen's hypothesis, which is that hearing multiple varying perspectives is more informative than hearing a debate. Tannen's hypothesis says nothing about how informative single commentators are.

Question Difficulty: Hard

Question ID 3190835d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 3190835d

Some businesses believe that when employees are interrupted while doing their work, they experience a decrease in energy and productivity. However, a team led by Harshad Puranik, who studies management, has found that interruptions by colleagues can have a social component that increases employees' sense of belonging, resulting in greater job satisfaction that benefits employees and employers. Therefore, businesses should recognize that _____

Which choice most logically completes the text?

- A. the interpersonal benefits of some interruptions in the workplace may offset the perceived negative effects.
- B. in order to maximize productivity, employers should be willing to interrupt employees frequently throughout the day.
- C. most employees avoid interrupting colleagues because they don't appreciate being interrupted themselves.
- D. in order to cultivate an ideal workplace environment, interruptions of work should be discouraged.

ID: 3190835d Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of potential benefits of interruptions in the workplace. The text indicates that a common belief in business is that interruptions to working employees decrease energy and productivity levels. However, the text goes on to explain that a research team led by Harshad Puranik has found that there could be a social benefit to these interruptions. Since the team found that workplace interruptions can increase employees' sense of belonging and job satisfaction, it follows that the interpersonal benefits of some interruptions can offset the perceived negative effects.

Choice B is incorrect. Although the text presents research findings that suggest some workplace interruptions can have a positive effect on employee job satisfaction, no further information is presented to suggest at what frequency these interruptions are ideal. Furthermore, the text doesn't tie workplace interruptions to increased productivity, but rather links it to social benefits such as sense of belonging. Choice C is incorrect because the text doesn't address employees' motives for choosing not to interrupt their colleagues. The text presents research findings that suggest that there are some positive interpersonal effects of workplace interruptions that can increase employee job satisfaction. Choice D is incorrect because asking businesses to discourage workplace interruptions doesn't follow from the team's research about the benefits of workplace interruptions, nor does the text describe an ideal work environment. Instead, the text presents research suggesting that there may be positive aspects to workplace interruptions that haven't previously been considered.

Question Difficulty: Medium

Question ID 04cbeca3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 04cbeca3

In 1534 CE, King Henry VIII of England split with the Catholic Church and declared himself head of the Church of England, in part because Pope Clement VII refused to annul his marriage to Catherine of Aragon. Two years later, Henry VIII introduced a policy titled the Dissolution of the Monasteries that by 1540 had resulted in the closure of all Catholic monasteries in England and the confiscation of their estates. Some historians assert that the enactment of the policy was primarily motivated by perceived financial opportunities.

Which quotation from a scholarly article best supports the assertion of the historians mentioned in the text?

- A. "At the time of the Dissolution of the Monasteries, about 2 percent of the adult male population of England were monks; by 1690, the proportion of the adult male population who were monks was less than 1 percent."
- B. "A contemporary description of the Dissolution of the Monasteries, Michael Sherbrook's *Falle of the Religious Howses*, recounts witness testimony that monks were allowed to keep the contents of their cells and that the monastery timber was purchased by local yeomen."
- C. "In 1535, the year before enacting the Dissolution of the Monasteries, Henry commissioned a survey of the value of church holdings in England—the work, performed by sheriffs, bishops, and magistrates, began that January and was swiftly completed by the summer."
- D. "The October 1536 revolt known as the Pilgrimage of Grace had several economic motives: high food prices due to a poor harvest the prior year; the Dissolution of the Monasteries, which closed reliable sources of food and shelter for many; and rents and taxes throughout Northern England that were not merely high but predatory."

ID: 04cbeca3 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The fact that Henry VIII commissioned a survey of church holdings just before enacting the Dissolution of the Monasteries suggests that he was interested in the potential profits from claiming their assets. This supports the historians' assertion.

Choice A is incorrect. This choice describes a potential effect of the Dissolution of the Monasteries. The decrease in the proportion of monks in England isn't relevant to the question of Henry VIII's motivations. Choice B is incorrect. Details about how the monks were treated during the dissolution don't address Henry VIII's motivations for enacting the policy in the first place. That the monks could keep the content of their cells (their rooms) and sell off the timber they'd harvested has no impact on the value of the monasteries' estates—their land holdings. Choice D is incorrect. This choice mentions one impact that the Dissolution of the Monasteries contributed to, two years after it happened. But it doesn't help explain why Henry VIII might have wanted to enact the policy in the first place.

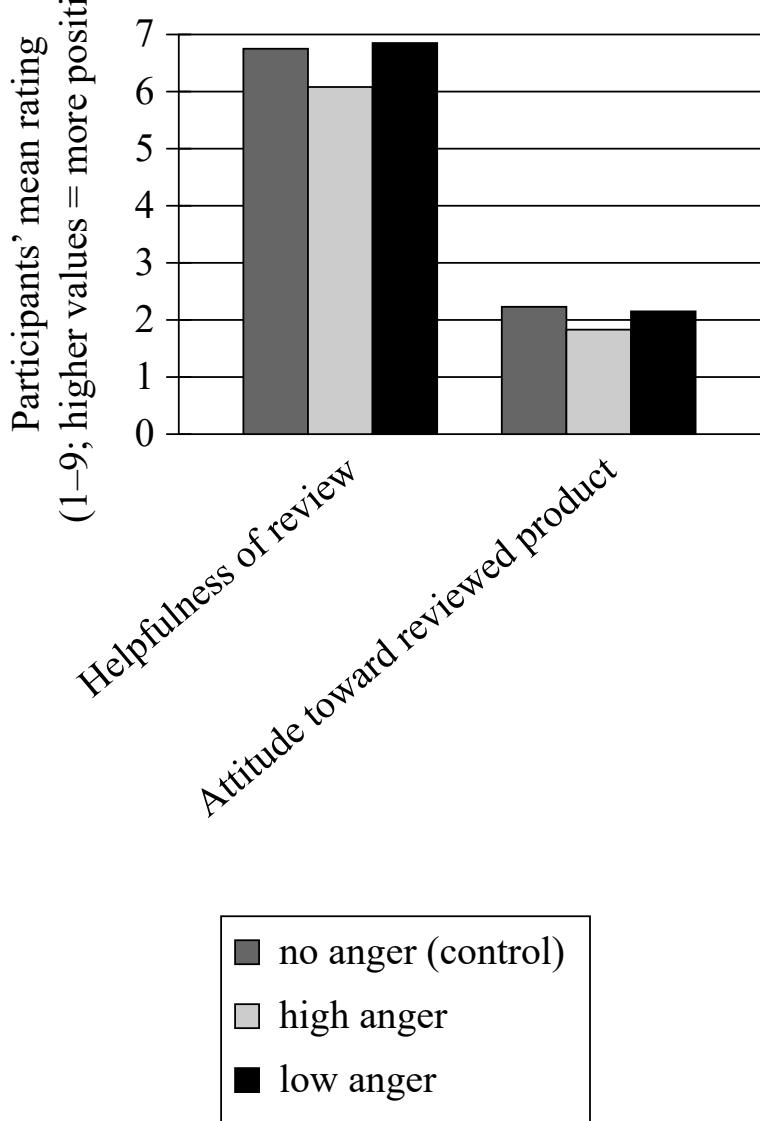
Question Difficulty: Hard

Question ID d5b9ed0d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: d5b9ed0d

Participants' Responses to Three Review Conditions



To understand how expressions of anger in reviews of products affect readers of those reviews, business scholar Dezheng Yin and colleagues measured study participants' responses to three versions of the same negative review—a control review expressing no anger, a review expressing a high degree of anger, and a review expressing a low degree of anger. Reviewing the data, a student concludes that the mere presence of anger in a review may not negatively affect readers' perceptions of the review, but a high degree of anger in a review does worsen readers' perceptions of the review.

Which choice best describes data from the graph that support the students' conclusion?

- A. On average, participants' ratings of the helpfulness of the review were substantially higher than were participants' ratings of the reviewed product regardless of which type of review participants had seen.
- B. Compared with participants who saw the control review, participants who saw the low-anger review rated the review as slightly more helpful, whereas participants who saw the high-anger review rated the review as less helpful.

C. Participants who saw the low-anger review rated the review as slightly more helpful than participants who saw the control review did, but participants' attitude toward the reviewed product was slightly worse when participants saw the low-anger review than when they saw the no-anger review.

D. Compared with participants who saw the low-anger review, participants who saw the high-anger review rated the review as less helpful and had a less positive attitude toward the reviewed product.

ID: d5b9ed0d Answer

Correct Answer: B

Rationale

Choice B is the best answer. The claim is that low anger does not negatively affect readers' perceptions of the review, while high anger does negatively affect readers' perceptions of the review. This choice accurately expresses the supporting data from the "helpfulness of review" part of the graph: that low-anger reviews were rated as slightly more helpful than no-anger reviews, while high-anger reviews were rated as less helpful than no-anger reviews.

Choice A is incorrect. This choice does not support the conclusion. The conclusion is only about how participants feel about the review itself—the participants' ratings of the reviewed product are not relevant.

Choice C is incorrect. This choice does not support the conclusion. The conclusion is only about how

participants feel about the review itself—the participants' attitude towards the reviewed product is not relevant.

Choice D is incorrect. This choice does not support the conclusion. The conclusion is only about how

participants feel about the review itself—the participants' attitude towards the reviewed product is not relevant.

Question Difficulty: Medium

Question ID 2fdfe002

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 2fdfe002

The following text is adapted from Countee Cullen's 1926 poem "Thoughts in a Zoo."

They in their cruel traps, and we in ours,
Survey each other's rage, and pass the hours
Commiserating each the other's woe,
To mitigate his own pain's fiery glow.
Man could but little proffer in exchange
Save that his cages have a larger range.
That lion with his lordly, untamed heart
Has in some man his human counterpart,
Some lofty soul in dreams and visions wrapped,
But in the stifling flesh securely trapped.

Based on the text, what challenge do humans sometimes experience?

- A. They cannot effectively tame certain wild animals because of a lack of compassion.
- B. They cannot focus on setting attainable goals because of a lack of motivation.
- C. They quickly become frustrated when faced with difficult tasks because of a lack of self-control.
- D. They have aspirations that cannot be fulfilled because of certain limitations.

ID: 2fdfe002 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text metaphorically likens humans to animals in a zoo, suggesting that humans have dreams that they cannot fulfill because they are trapped.

Choice A is incorrect. The speaker says that the lion has an "untamed heart," but the speaker doesn't actually mention anything about humans taming wild animals or a lack of compassion. Choice B is incorrect. The speaker doesn't suggest that humans lack motivation. Rather, the speaker thinks that humans are "trapped" and prevented from achieving their dreams. Choice C is incorrect. The speaker doesn't mention anything about humans becoming frustrated or lacking self-control. Rather, the speaker thinks that humans are "trapped" and prevented from achieving their dreams.

Question Difficulty: Hard

Question ID 6a6bbac3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 6a6bbac3

Number and Origin of Clamshell Tools Found at Different Levels Below the Surface in Neanderthal Cave

Depth of tools found below surface in cave (meters)	Clamshells that Neanderthals collected from the beach	Clamshells that Neanderthals harvested from the seafloor
3–4	99	33
6–7	1	0
4–5	2	0
2–3	7	0
5–6	18	7

Studying tools unearthed at a cave site on the western coast of Italy, archaeologist Paola Villa and colleagues have determined that prehistoric Neanderthal groups fashioned them from shells of clams that they harvested from the seafloor while wading or diving or that washed up on the beach. Clamshells become thin and eroded as they wash up on the beach, while those on the seafloor are smooth and sturdy, so the research team suspects that Neanderthals prized the tools made with seafloor shells. However, the team also concluded that those tools were likely more challenging to obtain, noting that _____

Which choice most effectively uses data from the table to support the research team's conclusion?

- A. at each depth below the surface in the cave, the difference in the numbers of tools of each type suggests that shells were easier to collect from the beach than to harvest from the seafloor.
- B. the highest number of tools were at a depth of 3–4 meters below the surface, which suggests that the Neanderthal population at the site was highest during the related period of time.
- C. at each depth below the surface in the cave, the difference in the numbers of tools of each type suggests that Neanderthals preferred to use clamshells from the beach because of their durability.
- D. the higher number of tools at depths of 5–6 meters below the surface in the cave than at depths of 4–5 meters below the surface suggests that the size of clam populations changed over time.

ID: 6a6bbac3 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to support the researchers' conclusion about the harvesting of clamshells by Neanderthals for use as tools. The text explains that Neanderthals used clamshells to make tools and that the sturdiest, and therefore the most desirable, shells for this purpose are found on the seafloor, not on the beach. However, the researchers also concluded that the clamshell tools made from shells from the seafloor are rarer than those made from shells from the beach. Meanwhile the table shows that at each depth, the number of tools made from shells from the beach exceeds the

number made from the more desirable shells from the seafloor. The fact that the more desirable shells are less common suggests that it was significantly more difficult to harvest shells from the seafloor than from the beach.

Choice B is incorrect because knowing which depth represents the period of time with the highest Neanderthal population does not help answer the question of why the Neanderthals consistently made more tools from the less desirable shells from the beach than they made from the more desirable shells from the seafloor. Choice C is incorrect because it claims that the beach shells are more durable than the seafloor shells, which contradicts the text's description of shells from the seafloor as smoother and sturdier than shells from the beach. Choice D is incorrect because knowing which depth has the most artifacts or whether the clam population fluctuated does not help explain why tools made from the less desirable shells from the beach outnumber tools made from the more desirable shells from the seafloor.

Question Difficulty: Hard

Question ID 6f626ae5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 6f626ae5

"To You" is an 1856 poem by Walt Whitman. In the poem, Whitman suggests that readers, whom he addresses directly, have not fully understood themselves, _____

Which quotation from "To You" most effectively illustrates the claim?

- A. "You have not known what you are, you have slumber'd upon yourself / all your life, / Your eyelids have been the same as closed most of the time."
- B. "These immense meadows, these interminable rivers, you are immense / and interminable as they."
- C. "I should have made my way straight to you long ago, / I should have blabb'd nothing but you, I should have chanted nothing / but you."
- D. "I will leave all and come and make the hymns of you, / None has understood you, but I understand you."

ID: 6f626ae5 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the quotation that most directly illustrates the claim that Whitman's poem suggests that its readers haven't fully understood themselves. This quotation makes that point directly by saying to readers, "You have not known what you are." The quotation goes on to reinforce this point using a metaphor of sleep, saying that readers have "slumber'd" and that their "eyelids have been the same as closed most of the time."

Choice B is incorrect because this quotation doesn't suggest that readers haven't fully understood themselves but instead characterizes readers as "immense" and "interminable." Although immense and interminable things can be difficult to understand, this quotation doesn't make that point. Choice C is incorrect because this quotation doesn't suggest that readers haven't fully understood themselves but instead conveys the speaker's regret over not having celebrated readers sooner. In fact, this quotation says nothing at all about readers themselves—it's focused solely on the speaker's feelings about readers. Choice D is incorrect because this quotation doesn't suggest that readers haven't fully understood themselves; instead, this quotation makes the point that the speaker has understood readers and is determined to create "hymns" about them.

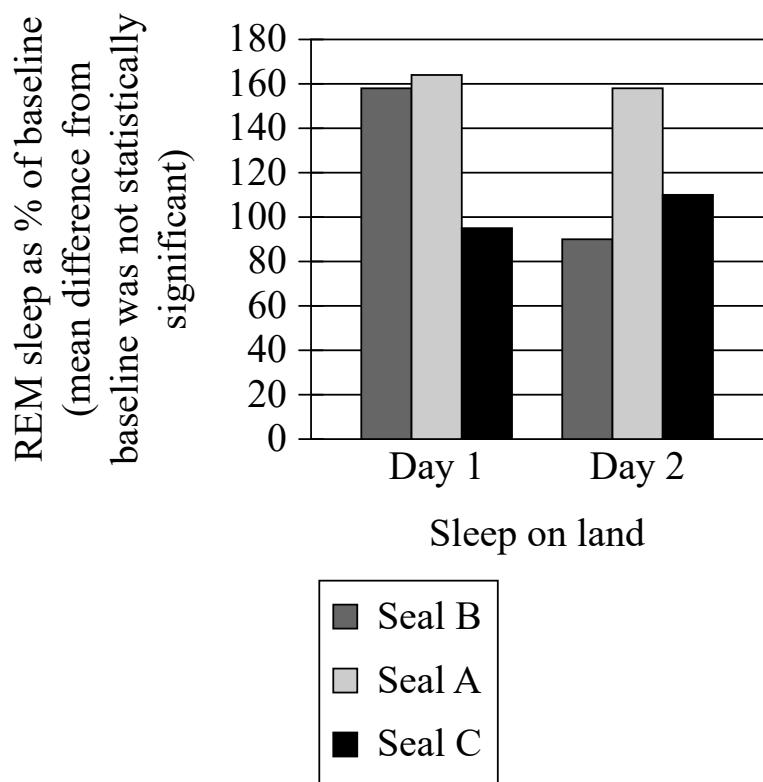
Question Difficulty: Easy

Question ID ccb1ab92

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: ccb1ab92

Fur Seal REM Sleep on Land after an Extended Period in Water



Research suggests that REM sleep in animals is homeostatically regulated: animals compensate for periods of REM sleep deprivation by increasing subsequent REM sleep. When on land, fur seals get enough REM sleep, but during the weeks they're in the water, they get almost none. In a study of fur seals' sleep habits, researchers recorded the REM sleep (as a percentage of baseline) of fur seals once they had returned to land. They concluded that REM sleep may not be homeostatically regulated in fur seals, citing as evidence the fact that the seals in the study _____.

Which choice most effectively uses data from the graph to complete the text?

- A. didn't show significantly less REM sleep during the second day after returning to land than they did during the first day.
- B. showed no significant differences from one another in baseline levels of REM sleep.
- C. didn't consistently demonstrate a significant increase in REM sleep after their period of deprivation in the water.
- D. showed no significant difference between REM sleep after returning to land and REM sleep while in the water.

ID: ccb1ab92 Answer

Correct Answer: C

Rationale

Choice C is the best answer. If REM sleep were homeostatically regulated in fur seals, then all the seals would compensate with REM levels significantly over baseline after going weeks without REM. We'd also expect the seals to maintain those elevated REM levels for some time. Since seals B and C return very quickly to baseline REM levels, this suggests that REM sleep in fur seals may not be regulated homeostatically.

Choice A is incorrect. This doesn't support the conclusion. If REM sleep were homeostatically regulated in fur seals, then we'd suspect the seals to sustain REM levels well above baseline for a prolonged period in order to compensate for weeks of REM deprivation while in the water. Whether or not there's a reduction in REM sleep from day 1 to day 2 doesn't tell us how REM sleep on those days relates to baseline, which is where our focus should be. Choice B is incorrect. The y-axis of this graph doesn't depict baseline levels of REM sleep, but rather shows REM sleep as a percent of baseline. Choice D is incorrect. The graph doesn't depict REM sleep while in the water for the seals in the study. Additionally, we're told fur seals get no REM sleep while in the water, which is significantly different to the values shown in the graph for after they return to land.

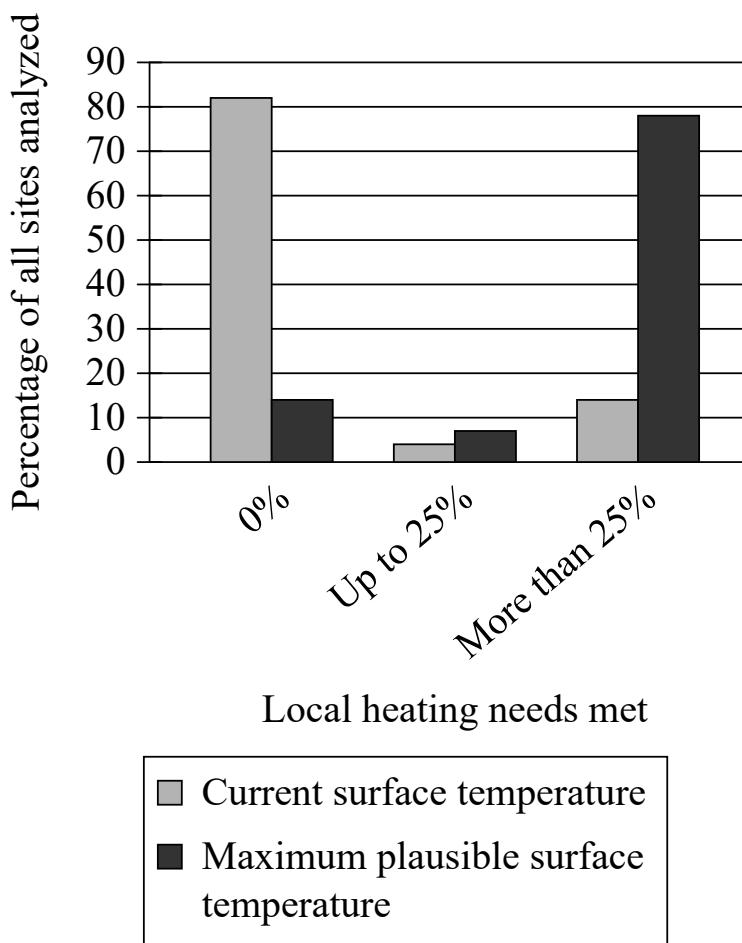
Question Difficulty: Hard

Question ID be19faa1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: be19faa1

Home Heating Needs Met with Subsurface Thermal Pollution for Two Temperature Conditions, by Percentage of Sites



Urbanization, industrialization, and the warming climate create thermal pollution (excess heat) in the shallow subsurface soil. Susanne A. Benz and colleagues analyzed thousands of sites on three continents under one scenario in which surface temperature remains at the current level and under another in which the surface reaches the maximum plausible temperature. They then categorized each site according to the percentage of local home heating needs that could be met using this excess subsurface heat. The team concluded that if surface temperature approaches the maximum plausible level, the percentage of sites where thermal pollution could feasibly contribute to meeting home heating needs will increase.

Which choice best describes data in the graph that support Benz and colleagues' conclusion?

- A. Under both temperature conditions, less than 10% of sites were in the up-to-25% group, but at the maximum plausible surface temperature, almost 80% of sites could have all their local heating needs met by thermal pollution.
- B. At current surface temperatures, more than 80% of the sites have no need for supplemental local home heating from subsurface thermal pollution, but at the maximum plausible surface temperature, more than 70% of sites exhibit significantly greater home heating needs.

C. At current surface temperatures, more than 80% of sites can meet, at most, 25% of local home heating needs with subsurface thermal pollution, but at the maximum plausible surface temperature, more than 80% of sites can meet greater than 25% of local home heating needs.

D. At current surface temperatures, more than 80% of the sites cannot use subsurface thermal pollution to meet any portion of local home heating needs, but at the maximum plausible surface temperature, that percentage drops below 20%.

ID: be19faa1 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The researchers concluded that as we approach maximum plausible surface temperatures, there will be a larger percentage of sites where thermal pollution could contribute to meeting home heating needs. By showing that only a small percentage of homes can currently use thermal pollution for home heating, and that this percentage would grow much larger at maximum plausible surface temperatures, this choice supports the researchers' conclusion.

Choice A is incorrect. We do not know how many sites could have all (i.e., 100%) of their local heating needs met by thermal pollution, as the graph only classifies sites by whether "0%," "Up to 25%," and "More than 25%" of heating needs could be met. Choice B is incorrect. The graph is not depicting need for supplemental heating from thermal pollution, but rather potential to use thermal pollution for supplemental heating. Choice C is incorrect. The graph indicates that, at current surface temperatures, less than 10% of sites can meet 25% of local home heating needs and that more than 80% of sites cannot meet any local home heating needs.

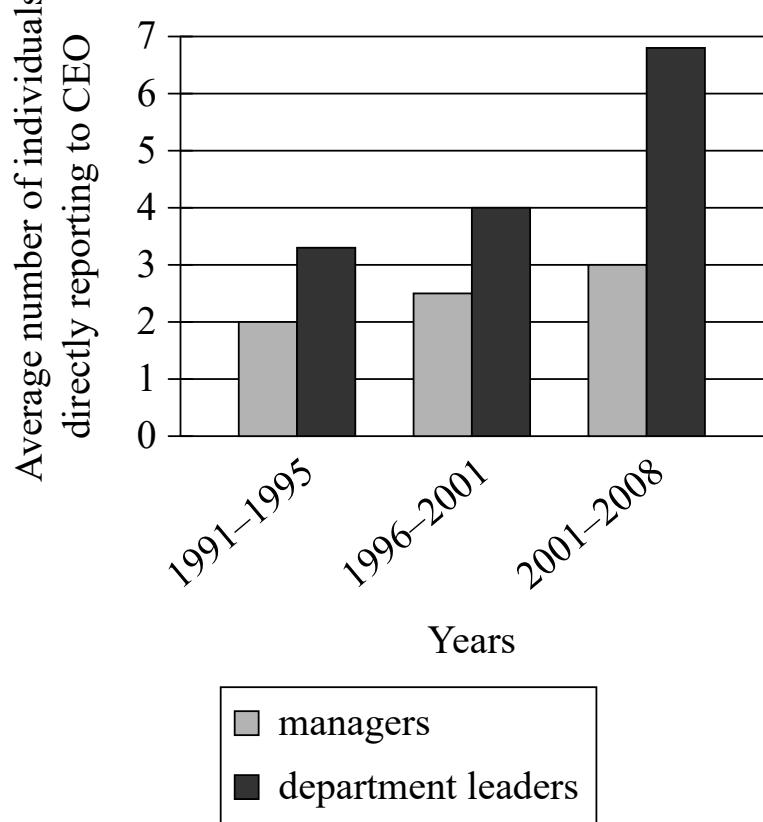
Question Difficulty: Hard

Question ID 645fd11a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 645fd11a

Average Number of Individuals Reporting Directly to CEOs



Considering a large sample of companies, economics experts Maria Guadalupe, Julie Wulf, and Raghuram Rajan assessed the number of managers and leaders from different departments who reported directly to a chief executive officer (CEO). According to the researchers, the findings suggest that across the years analyzed, there was a growing interest among CEOs in connecting with more departments in their companies.

Which choice best describes data from the graph that support the researchers' conclusion?

- A. The average numbers of managers and department leaders reporting directly to their CEO didn't fluctuate from the 1991–1995 period to the 2001–2008 period.
- B. The average number of managers reporting directly to their CEO was highest in the 1996–2001 period.
- C. The average number of department leaders reporting directly to their CEO was greater than the average number of managers reporting directly to their CEO in each of the three periods studied.
- D. The average number of department leaders reporting directly to their CEO rose over the three periods studied.

ID: 645fd11a Answer

Correct Answer: D

Rationale

Choice D is the best answer because it describes data from the graph that support the researchers' conclusion that there is a growing interest among CEOs in connecting with more departments in their companies. The graph shows the average number of individuals reporting directly to CEOs during three different time periods: the individuals are divided into managers and department leaders. The average number of department leaders directly reporting to their CEO during the 1991–1995 period was slightly more than three, during the 1996–2001 period it was four, and during the 2001–2008 period it was almost seven. Thus, the average number of department leaders reporting directly to their CEO rose over the three periods studied, which suggests that CEOs were connecting with more departments.

Choice A is incorrect because the average number of managers and department leaders reporting directly to their CEO rose for both categories between the 1991–1995 and 2001–2008 periods; thus, it isn't true that the average numbers didn't fluctuate. Choice B is incorrect because the average number of managers reporting directly to their CEO was highest in the 2001–2008 period, not in the 1996–2001 period. Choice C is incorrect. Although it correctly describes a feature of the graph, the observation that more department leaders than managers are reporting to CEOs does not by itself address the question of whether CEOs are connecting with more departments over time—to address that question, one needs to know whether the number of department leaders reporting to CEOs is increasing over time.

Question Difficulty: Hard

Question ID 85439572

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 85439572

Roasted green chiles are a popular ingredient in Southwestern cuisine, but the traditional roasting method of burning propane is not environmentally friendly. To see if solar power could provide a better alternative, engineer Kenneth Armijo and his team roasted batches of green chiles using between 38 and 42 heliostats, which are devices that concentrate sunlight. The team was successful in reaching the same roasting temperature used in traditional propane roasting, but they found that propane yielded faster results. While the fastest solar-roasted green chiles took six minutes, batches using propane took only four. Armijo hypothesizes that they can reduce the roasting time for solar-roasted green chiles by using more heliostats.

Which finding, if true, would most directly support Armijo's hypothesis?

- A. The temperature inside the roasting drum is distributed more evenly when roasting green chiles with solar power than with propane.
- B. Attempts to roast green chiles using 50 heliostats yields results in fewer than six minutes.
- C. Green chile connoisseurs prefer the flavor of solar-roasted green chiles over the flavor of propane-roasted green chiles.
- D. The skins of solar-roasted green chiles are easier to peel than the skins of propane-roasted green chiles.

ID: 85439572 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Armijo believes that using more heliostats will speed up the roasting process, and this finding shows that with 50 heliostats—more than the number of heliostats already used—the roasting time is indeed reduced.

Choice A is incorrect. The evenness of temperature in the roasting drum doesn't tell us about the speed of the roasting process, which is what Armijo's hypothesis is concerned with. Choice C is incorrect. Armijo's hypothesis is focused on the speed of the roasting process, not the flavor of the resulting roasted chiles. Choice D is incorrect. Though Armijo's hypothesis mentions a benefit of solar-roasting green chiles (easier peeling), it doesn't address the speed of the roasting process.

Question Difficulty: Easy

Question ID 701126bc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 701126bc

In superfluorescence, electrical charges known as dipoles emit light in synchronized bursts so intense that they are visible to the eye. Until recently, this phenomenon has only been observed at extremely cold temperatures because dipoles cannot synchronize at higher temperatures. But in a study, Melike Biliroglu and colleagues observed superfluorescence at room temperature in thin films made of perovskite and other similarly crystalline materials; the researchers propose that the formation of shock-absorbing quasiparticles called polarons in the material protects dipoles from thermal interference.

Based on the text, how are polarons believed to be involved in the superfluorescence observed in Biliroglu and colleagues' study?

- A. Polarons enable superfluorescent bursts to cross from one crystalline material to another.
- B. Polarons allow for the dipoles to synchronize despite higher temperatures.
- C. Polarons accelerate the dipoles' release of superfluorescent bursts.
- D. Polarons decrease the intensity of the superfluorescent burst.

ID: 701126bc Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most accurately describes Biliroglu and colleagues' claim about how the polarons function in relation to superfluorescence. The text indicates that "until recently," superfluorescence (intense, synchronized bursts of light emitted by dipoles) has solely been observed at very cold temperatures. However, it also states that, recently, Biliroglu and colleagues report observing the phenomenon at room temperature. They achieved this using "thin films made of perovskite and other similarly crystalline materials," which the researchers claim allows for the formation of polarons. They also suggest that these polarons might absorb the thermal shocks that typically disrupt dipole synchronization at warmer temperatures. Thus, based on the text, Biliroglu and colleagues believe that polarons help dipoles synchronize at temperatures well above those at which superfluorescence had previously been observed.

Choice A is incorrect because the text doesn't address the prospect of a superfluorescent burst moving between crystalline materials or any other mediums. Choice C is incorrect because the text's discussion of polarons is about how they might enable superfluorescence at higher temperatures than those at which it had previously been observed. Rather than suggesting that polarons speed up superfluorescent bursts, the text suggests that no superfluorescence can occur at room temperature in the absence of polarons. Thus, the text indicates that polarons make superfluorescent bursts more likely to occur at higher temperatures than those at which it had previously been observed, not that polarons accelerate the bursts. Choice D is incorrect because the text's discussion of polarons is about how they might enable superfluorescence at higher temperatures than those at which it had previously been observed. In the absence of polarons, the text suggests there would be no superfluorescence at room temperature. Thus, rather than decrease the intensity of superfluorescent bursts, polarons make them more likely to occur under certain circumstances.

Question Difficulty: Hard

Question ID c83e0b43

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c83e0b43

O Pioneers! is a 1913 novel by Willa Cather. In the novel, Cather depicts Alexandra Bergson as a person who takes comfort in understanding the world around her: _____

Which quotation from *O Pioneers!* most effectively illustrates the claim?

- A. "She looked fixedly up the bleak street as if she were gathering her strength to face something, as if she were trying with all her might to grasp a situation which, no matter how painful, must be met and dealt with somehow."
- B. "She had never known before how much the country meant to her. The chirping of the insects down in the long grass had been like the sweetest music. She had felt as if her heart were hiding down there, somewhere, with the quail and the plover and all the little wild things that crooned or buzzed in the sun. Under the long shaggy ridges, she felt the future stirring."
- C. "Alexandra drove off alone. The rattle of her wagon was lost in the howling of the wind, but her lantern, held firmly between her feet, made a moving point of light along the highway, going deeper and deeper into the dark country."
- D. "Alexandra drew her shawl closer about her and stood leaning against the frame of the mill, looking at the stars which glittered so keenly through the frosty autumn air. She always loved to watch them, to think of their vastness and distance, and of their ordered march. It fortified her to reflect upon the great operations of nature, and when she thought of the law that lay behind them, she felt a sense of personal security."

ID: c83e0b43 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most effectively uses a quotation from *O Pioneers!* to illustrate the claim that Alexandra Bergson takes comfort in understanding the world around her. In the quotation, Alexandra is described as enjoying looking at the stars and feeling a "sense of personal security" when she contemplates nature's order and its governing laws. This suggests that Alexandra takes comfort in understanding the world around her.

Choice A is incorrect because the quotation expresses how Alexandra Bergson attempts to meet difficult situations with determination, not how she takes comfort in understanding the world around her. Choice B is incorrect because the quotation expresses "how much the country meant to" Alexandra Bergson, not how she takes comfort in understanding the world around her. In detailing some of the wildlife surrounding Alexandra, the quotation conveys that nature is important to her but not necessarily that it gives her comfort. Choice C is incorrect because the quotation describes Alexandra driving her wagon down a highway at night; it doesn't describe how she takes comfort in understanding the world around her or address how she's feeling as she drives off.

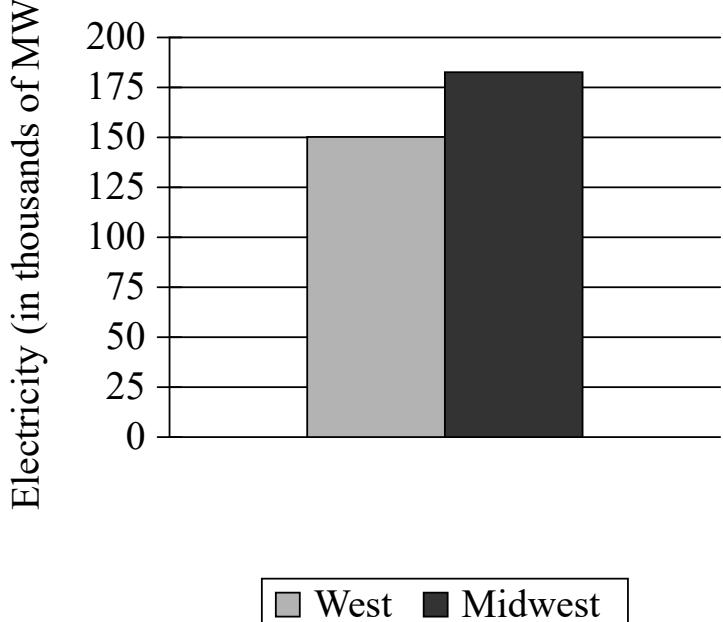
Question Difficulty: Hard

Question ID a9040290

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: a9040290

Amount of Additional Electricity Wind Turbines Could Generate When Winds Were Stronger Than Forecast



Electric companies that use wind turbines rely on weather forecasts to predict the maximum amount of power, in megawatt-hours (MWh), they can generate using wind so that they can determine how much they'll need to generate from other sources. When winds are stronger than they were forecast to be, however, the predicted maximum amount of electricity wind turbines could generate will be too low. For example, the graph shows that for the West region, the winds were _____.

Which choice most effectively uses data from the graph to complete the example?

- A. strong enough to generate about 150 thousand more MWh of electricity from wind turbines.
- B. so weak that the electricity from wind turbines was about 175 thousand MWh less than predicted.
- C. so weak that the electricity from wind turbines was about 150 thousand MWh less than predicted.
- D. strong enough to generate about 175 thousand more MWh of electricity from wind turbines.

ID: a9040290 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The claim is that when winds are stronger than forecasted, wind turbines can generate more energy than predicted. The supporting graph shows the additional amount (above the predicted amount) that the turbines generated under those conditions, with the West generating about 150 thousand additional MWh.

Choice B is incorrect. This choice doesn't complete the example. The graph shows the additional amount of electricity that the wind turbines generated. The West bar is greater than 0, so the West generated more than the predicted amount. Choice C is incorrect. This choice doesn't complete the example. The graph shows the additional amount of electricity that the wind turbines generated. The West bar is greater than 0, so the West generated more than the predicted amount. Choice D is incorrect. This choice misreads the graph. The graph shows us that the West (the bar on the left) generated about 150 thousand additional MWh.

Question Difficulty: Easy

Question ID ac285054

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: ac285054

The domestic sweet potato (*Ipomoea batatas*) descends from a wild plant native to South America. It also populates the Polynesian Islands, where evidence confirms that Native Hawaiians and other Indigenous peoples were cultivating the plant centuries before seafaring first occurred over the thousands of miles of ocean separating them from South America. To explain how the sweet potato was first introduced in Polynesia, botanist Pablo Muñoz-Rodríguez and colleagues analyzed the DNA of numerous varieties of the plant, concluding that Polynesian varieties diverged from South American ones over 100,000 years ago. Given that Polynesia was peopled only in the last three thousand years, the team concluded that _____.

Which choice most logically completes the text?

- A. the cultivation of the sweet potato in Polynesia likely predates its cultivation in South America.
- B. Polynesian peoples likely acquired the sweet potato from South American peoples only within the last three thousand years.
- C. human activity likely played no role in the introduction of the sweet potato in Polynesia.
- D. Polynesian sweet potato varieties likely descend from a single South American variety that was domesticated, not wild.

ID: ac285054 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text's discussion of the sweet potato in Polynesia. The text indicates that the sweet potato is found in Polynesia but originated in South America, and that the sweet potato was being cultivated by Native Hawaiians and other Indigenous peoples in Polynesia long before sea voyages between South America and Polynesia began. The text goes on to note that research by Muñoz-Rodríguez and colleagues has established that the Polynesian varieties of sweet potato split from South American varieties more than 100,000 years ago, which is thousands of years before humans settled in Polynesia. If Polynesian peoples were cultivating the sweet potato before sea voyages between Polynesia and South America began, and if Polynesian varieties of sweet potato diverged from South American varieties well before people were in Polynesia, it can reasonably be concluded that humans didn't play a role in bringing the sweet potato to Polynesia.

Choice A is incorrect. The text doesn't provide any information about when the sweet potato began to be cultivated in South America, so there's no support for the conclusion that cultivation began in Polynesia before it began in South America. Choice B is incorrect because the text indicates that the sweet potato was being cultivated in Polynesia long before sea journeys between Polynesia and South America began. Therefore, it wouldn't be reasonable to conclude that Polynesian peoples acquired the sweet potato from South American peoples. Additionally, the text indicates that the Polynesian varieties of sweet potato diverged from the South American varieties thousands of years before people settled in Polynesia, which suggests that the sweet potato was already present in Polynesia when people arrived. Choice D is incorrect because the text states that the domestic sweet potato, which is found in Polynesia, descends from a wild South American plant, not from a

domesticated South American plant. The only people that the text describes as cultivating the sweet potato are Native Hawaiians and other Indigenous peoples of Polynesia.

Question Difficulty: Hard

Question ID 01989d77

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 01989d77

Microbes that live in shallow lakes and ponds produce methane, a harmful greenhouse gas. Ecologist Ralf Aben and his team wanted to see how different types of shallow-water plants might affect the amount of methane that escapes into the atmosphere. Aben's team set up some water tanks with soil and microbes from local ponds. Some tanks had a type of underwater plant that grows in the soil called watermilfoil. Other tanks had either duckweed, a type of plant that floats on the water's surface, or algae. Aben and his team found that tanks with duckweed and algae released higher levels of methane than tanks with watermilfoil did. This finding suggests that _____

Which choice most logically completes the text?

- A. the presence of some kinds of underwater plants like watermilfoil helps prevent methane from escaping shallow lakes and ponds.
- B. shallow lakes and ponds release more methane than deeper bodies of water because shallow bodies of water usually have more plants than deep bodies of water do.
- C. shallow lakes and ponds are more likely to contain algae than to contain either watermilfoil or duckweed.
- D. having a mix of algae, underwater plants, and floating plants is the best way to reduce the amount of methane in shallow lakes and ponds.

ID: 01989d77 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The passage tells us that "tanks with duckweed (a floating plant) and algae released higher levels of methane than tanks with watermilfoil (an underwater plant) did." This suggests that the presence of some kinds of underwater plants like watermilfoil may help prevent methane from escaping shallow lakes and ponds.

Choice B is incorrect. The passage doesn't mention deeper bodies of water at all, so there's no basis for this inference. Choice C is incorrect. The passage doesn't compare the likelihood of shallow lakes and ponds containing algae, watermilfoil, or duckweed. Choice D is incorrect. The study didn't include any tanks with a mix of plants, so there's no basis for this inference.

Question Difficulty: Easy

Question ID a13541c0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: a13541c0

Sandra Cisneros's 1984 novella *The House on Mango Street* made a lasting impact on US literature. Its depiction of Mexican American culture inspired later authors to examine their own heritage within their fictional works. Also influential was the book's portrayal of the main character, Esperanza, during a pivotal year of her youth. This insightful depiction of a preteen girl encouraged authors who, like Cisneros herself, are Latina to use fictional works to examine experiences from their own youth.

Which statement, if true, would most strongly support the claim in the underlined sentence?

- A. In interviews, a number of Latina authors say that *The House on Mango Street* inspired them to write about their own adolescence in their novels.
- B. In published writings, several prominent authors who are not Latina say that reading *The House on Mango Street* influenced their approach to writing fiction.
- C. The *House on Mango Street* has sold over six million copies and is one of the most commonly read books among high school and university students in the US.
- D. Since 1984, new novels about young Latina characters by Latina authors have often been compared to *The House on Mango Street*.

ID: a13541c0 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a finding that, if true, would most strongly support the claim in the underlined sentence. The text begins by explaining that the portrayal of Mexican American culture in Sandra Cisneros's *The House on Mango Street* inspired later authors to explore their own heritage. Noting that Cisneros's novella was also influential for its depiction of a formative year in a female character's youth, the text then claims that this depiction inspired other Latina authors to use fiction to explore their own experiences of youth. Since this claim addresses how Cisneros encouraged Latina authors specifically to portray their youthful experiences, it would be directly supported by such authors stating that her novella influenced them to write about their own adolescence, or the transitional period between childhood and adulthood.

Choice B is incorrect. The text states that with its portrayal of Mexican American culture, *The House on Mango Street* inspired later authors to explore their own heritage, and since this statement isn't limited to only Latina authors, it can be inferred that authors who aren't Latina were also likely influenced by the novella. But because the claim in the underlined sentence concerns the novella's influence on Latina authors specifically, the finding that the book also influenced authors who weren't Latina would fail to provide support for the claim. Choice C is incorrect because the finding that *The House on Mango Street* has sold millions of copies and is widely read among students in the US doesn't relate directly to the text's claim that the novella has influenced Latina authors specifically. Choice D is incorrect. While comparisons of new novels about young Latina characters by Latina authors to Cisneros's *The House on Mango Street* would likely be founded on similarities between those novels and Cisneros's novella, such similarities wouldn't necessarily be evidence of the novella's influence; such similarities might arise if Cisneros and younger Latina authors alike depicted certain basic cultural and

historical features of their communities. Testimony from younger Latina authors about how *The House on Mango Street* had inspired them would be far more persuasive evidence of the novella's influence.

Question Difficulty: Medium

Question ID 8a8236e1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 8a8236e1

Scents are tightly interwoven with our daily lives, often evoking significant memories and important social events. This connection is of growing interest to archaeologists who hope to use it to better understand ancient rituals, trade, social hierarchies, and medicine. Although the speed at which odor molecules dissipate makes identifying ancient scents challenging, advancements in biomolecular technologies show promise in unlocking ancient aromas from preserved artifacts. Archaeological studies making use of these advancements may provide new insights into past societies.

According to the text, what is one reason some archaeologists are interested in recovering scents from ancient artifacts?

- A. They are investigating whether people's sense of smell has declined in recent centuries.
- B. They believe the scents could illuminate important aspects of ancient life.
- C. They think that ancient scents would be enjoyable to people today.
- D. They hope to develop new medicines using ancient scent molecules.

ID: 8a8236e1 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text states that archaeologists are interested in using scents to better understand "ancient rituals, trade, social hierarchies, and medicine," all of which are important aspects of ancient life.

Choice A is incorrect. The text doesn't say anything about investigating if people's sense of smell has declined in recent centuries. It says that scents fade over time—not that people have gotten worse at smelling scents. Choice C is incorrect. The text says that archaeologists are interested in using scents to better understand "ancient rituals, trade, social hierarchies, and medicine," but it doesn't say anything about ancient scents being enjoyable to people today. Choice D is incorrect. The text doesn't say anything about developing new medicines. Rather, it says that archaeologists are interested in using scents to better understand "ancient rituals, trade, social hierarchies, and medicine."

Question Difficulty: Easy

Question ID 7c1e5880

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 7c1e5880

Scholars have noted that F. Scott Fitzgerald's writings were likely influenced in part by his marriage to Zelda Fitzgerald, but many don't recognize Zelda as a writer in her own right. Indeed, Zelda authored several works herself, such as the novel *Save Me the Waltz* and numerous short stories. Thus, those who primarily view Zelda as an inspiration for F. Scott's writings _____

Which choice most logically completes the text?

- A. overlook the many other factors that motivated F. Scott to write.
- B. risk misrepresenting the full range of Zelda's contributions to literature.
- C. may draw inaccurate conclusions about how F. Scott and Zelda viewed each other's works.
- D. tend to read the works of F. Scott and Zelda in an overly autobiographical light.

ID: 7c1e5880 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of Zelda Fitzgerald's contributions to literature. The text begins by saying that many scholars view Zelda mainly in terms of her marriage to F. Scott Fitzgerald and "don't recognize Zelda as a writer in her own right." The text then mentions a novel and "numerous short stories" that she wrote and that such scholars tend to ignore. Therefore, those scholars who focus on Zelda only as an inspiration for F. Scott's writings risk misrepresenting the full range of Zelda's contributions to literature.

Choice A is incorrect. Although the text does mention that Zelda Fitzgerald "likely influenced" her husband's literary work, its focus is on Zelda's own writing, not on her husband's writing or factors that might have influenced it. Choice C is incorrect because the text does not discuss F. Scott and Zelda Fitzgerald's opinions of each other's works. Choice D is incorrect. Although the text does suggest that F. Scott Fitzgerald's works were "likely influenced in part" by his marriage to Zelda, it does not discuss autobiographical interpretations of the works of either F. Scott or Zelda.

Question Difficulty: Medium

Question ID dd1757fd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: dd1757fd

Neural networks are computer models intended to reflect the organization of human brains and are often used in studies of brain function. According to an analysis of 11,000 such networks, Rylan Schaeffer and colleagues advise caution when drawing conclusions about brains from observations of neural networks. They found that when attempting to mimic grid cells (brain cells used in navigation), while 90% of the networks could accomplish navigation-related tasks, only about 10% of those exhibited any behaviors similar to those of grid cells. But even this approximation of grid-cell activity has less to do with similarity between the neural networks and biological brains than it does with the rules programmed into the networks.

Which finding, if true, would most directly support the claim in the underlined sentence?

- A. The rules that allow for networks to exhibit behaviors like those of grid cells have no equivalent in the function of biological brains.
- B. The networks that do not exhibit behaviors like those of grid cells were nonetheless programmed with rules that had proven useful in earlier neural-network studies.
- C. Neural networks can often accomplish tasks that biological brains do, but they are typically programmed with rules to model multiple types of brain cells simultaneously.
- D. Once a neural network is programmed, it is trained on certain tasks to see if it can independently arrive at processes that are similar to those performed by biological brains.

ID: dd1757fd Answer

Correct Answer: A

Rationale

Choice A is the best answer. While many networks can perform navigation tasks, or even mimic grid cells, it doesn't mean they're actually behaving like biological brains—this finding suggests that the rules that govern neural network behavior are completely unlike the way real brains work.

Choice B is incorrect. Although it mentions the rules that are programmed into the networks, this finding wouldn't clarify whether or not these rules have anything to do with the function of biological brains. Choice C is incorrect. This choice suggests that neural networks are modeled after multiple types of brain cells, which sidesteps the question of whether these rule-based networks are genuinely similar to biological brains. Choice D is incorrect. This choice doesn't address the key point of the claim, which is that the apparent similarity between neural networks and biological brains is only due to the rules programmed into the networks. It focuses on training tasks, not the originally programmed rules.

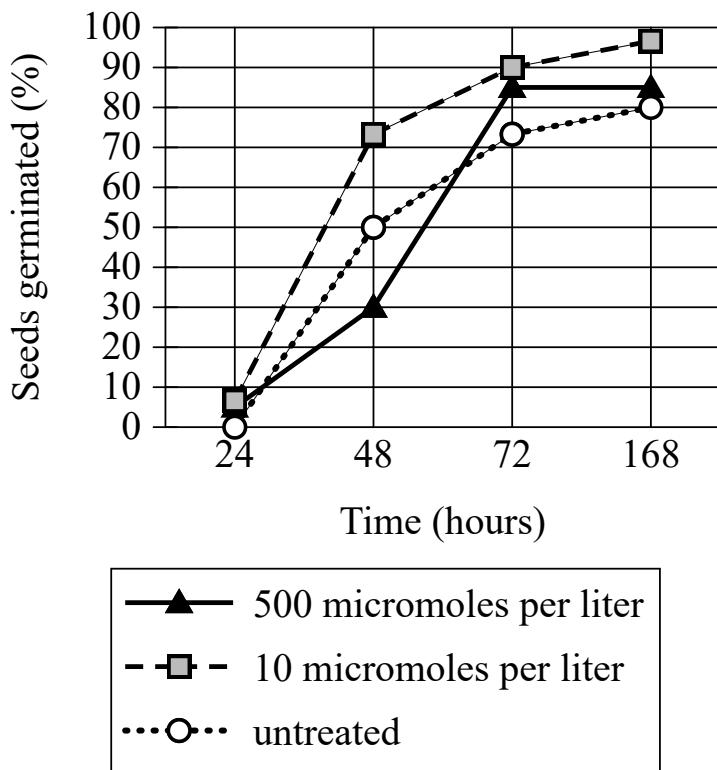
Question Difficulty: Hard

Question ID 8a584241

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 8a584241

Seed Germination with and without H₂S Treatment



In high concentrations, hydrogen sulfide (H₂S) is typically toxic to many plants. Frederick D. Dooley and colleagues wanted to understand what effects low doses of H₂S might have on plant growth. They treated bean, corn, wheat, and pea seeds with various concentrations (measured in micromoles per liter) of H₂S and tracked the germination of those seeds along with the germination of untreated seeds. Treatment with particular concentrations of H₂S was associated with accelerated germination: for example, _____

Which choice most effectively uses data from the graph to complete the statement?

- A. at 24 hours, less than 10% of seeds treated with H₂S at a concentration of 10 micromoles per liter had germinated, whereas more than 90% of those seeds had germinated at 168 hours.
- B. at 48 hours, more than 70% of seeds treated with H₂S at a concentration of 10 micromoles per liter had germinated, whereas only approximately 50% of untreated seeds had germinated.
- C. at 168 hours, more than 90% of seeds treated with H₂S at concentrations of 10 or 500 micromoles per liter had germinated, whereas less than 70% of untreated seeds had germinated.
- D. at 48 hours, approximately 50% of seeds treated with H₂S at a concentration of 10 micromoles per liter had germinated, whereas only approximately 30% of untreated seeds had germinated.

ID: 8a584241 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The claim is that some concentrations of H₂S led to increased germination rates, and this choice accurately shows that seeds treated with 10 micromoles per liter of H₂S tended to germinate faster than untreated seeds.

Choice A is incorrect. This choice doesn't justify the claim. The claim compares the germination rates of seeds exposed to certain concentrations of H₂S to untreated seeds, but this choice only discusses one concentration of H₂S, so it can't support any comparison between treated and untreated groups. Choice C is incorrect. This choice misreads the graph. At 168 hours, only about 85% of seeds treated with H₂S at 500 micromoles per liter had germinated, while over 70% of untreated seeds had germinated (about 80%). Choice D is incorrect. This choice misreads the graph. At 48 hours, about 70% of seeds treated with H₂S at 10 micromoles per liter had germinated, and about 50% of untreated seeds had germinated.

Question Difficulty: Medium

Question ID dd72993d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: dd72993d

Rivers rich in sediment appear yellow, while increases in red algae make rivers appear red. To track things like the sediment or algae content of large US rivers, John R. Gardner and colleagues used satellite data to determine the dominant visible wavelengths of light measured for various segments of these rivers. The researchers classified wavelengths of 495 nanometers (nm) and below as red, wavelengths between 495 and 560 nm as blue, and wavelengths of 560 nm and above as yellow. The researchers concluded that for the Missouri River, segments flowing into lakes tend to carry more sediment than those flowing out of lakes.

Which finding, if true, would most directly support the researchers' conclusion?

- A. The segments of the Missouri River that had higher levels of chlorophyll-a, which contributes to the green color of photosynthetic organisms, have dominant wavelengths of light between 490 and 560 nm.
- B. In lakes through which segments of the Missouri River pass, the dominant wavelength of light tended to be above 560 nm near the lakes' shores and below 560 nm in the lakes' centers.
- C. The majority of the segments of the Missouri River were found to have dominant wavelengths of light significantly higher than 560 nm.
- D. Segments of the Missouri River flowing into lakes typically had dominant wavelengths of light above 560 nm, while segments flowing out of lakes typically had dominant wavelengths below 560 nm.

ID: dd72993d Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would support Gardner and colleagues' conclusion that segments of the Missouri River flowing into lakes tend to carry more sediment than do segments of the river flowing out of lakes. The text says that rivers appear yellow when they contain a lot of sediment and appear red when they contain a lot of algae. It goes on to explain that Gardner and colleagues measured the wavelengths of light for different segments of rivers in the United States and classified those wavelength measurements into colors: red for wavelengths of 495 nanometers and below, blue for wavelengths between 495 and 560 nanometers, and yellow for wavelengths of 560 nanometers and above. Combined with the earlier information about river colors, this suggests that rivers rich in sediment will have wavelengths of 560 nanometers and above (since such rivers appear yellow). If researchers found that Missouri River segments flowing into lakes tend to have wavelengths above 560 nanometers and segments flowing out of lakes tend to have wavelengths below 560 nanometers, this finding would support Gardner and colleagues' conclusion, since it would suggest that the river tends to carry more sediment when it flows into lakes than when it flows out of lakes.

Choice A is incorrect because finding that sections of the Missouri River with high chlorophyll-a levels have wavelengths between 490 and 560 nanometers would be irrelevant to the researchers' conclusion that segments of the river flowing into lakes are richer in sediment than are segments of the river flowing out of lakes. This finding would not indicate anything about segments flowing into or out of lakes. Choice B is incorrect because finding that lakes through which the Missouri River passes have higher wavelengths near their shores than in

the center would not support the researchers' conclusion that segments of the river flowing into lakes have more sediment than segments flowing out of lakes. This finding would suggest only that there is more sediment around the edges of lakes than in their centers, which does not have any direct bearing on the researchers' conclusion about river segments flowing into and out of lakes. Choice C is incorrect because finding that most segments of the Missouri River have wavelengths significantly higher than 560 nanometers would suggest that most segments of the river are high in sediment, not that segments flowing into lakes are higher in sediment than segments flowing out of lakes. Only a comparison of river segments flowing into lakes with segments flowing out of lakes can support the researchers' conclusion.

Question Difficulty: Medium

Question ID 4603d1f7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 4603d1f7

In their book *Smart Pricing*, Jagmohan Raju and Z. John Zhang consider musicians' use of the nontraditional "pay as you wish" pricing model. This model generally offers listeners the choice to pay more or less than a suggested price for a song or album—or even to pay nothing at all. As the authors note, that's the option most listeners chose for an album by the band Harvey Danger. Only about 1% opted to pay for the album, resulting in earnings below the band's expectations. But the authors also discuss musician Jane Siberry, who saw significant earnings from her "pay as you wish" online music store as a result of many listeners choosing to pay more than the store's suggested prices. Hence, the "pay as you wish" model may _____

Which choice most logically completes the text?

- A. prove financially successful for some musicians but disappointing for others.
- B. hold greater financial appeal for bands than for individual musicians.
- C. cause most musicians who use the model to lower the suggested prices of their songs and albums over time.
- D. more strongly reflect differences in certain musicians' popularity than traditional pricing models do.

ID: 4603d1f7 Answer

Correct Answer: A

Rationale

Choice A is the best answer. In one example, musicians made less money than expected by using the "pay as you wish" model. In the other example, a musician made more money than expected. This suggests that some musicians may have more success than others using the "pay as you wish" model.

Choice B is incorrect. This inference isn't supported. In the examples provided, the individual musician was more successful with the "pay as you wish" model than the band was. Choice C is incorrect. This inference isn't supported. The passage provides no instances in which musicians changed the suggested prices of their songs or albums, nor does it mention this as a possibility. Choice D is incorrect. This inference isn't supported. The text never discusses the differences in popularity of different musicians, so there is no basis to make this inference.

Question Difficulty: Easy

Question ID e185a21f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: e185a21f

One theory behind human bipedalism speculates that it originated in a mostly ground-based ancestor that practiced four-legged “knuckle-walking,” like chimpanzees and gorillas do today, and eventually evolved into moving upright on two legs. But recently, researchers observed orangutans, another relative of humans, standing on two legs on tree branches and using their arms for balance while they reached for fruits. These observations may suggest that _____

Which choice most logically completes the text?

- A. bipedalism evolved because it was advantageous to a tree-dwelling ancestor of humans.
- B. bipedalism must have evolved simultaneously with knuckle-walking and tree-climbing.
- C. moving between the ground and the trees would have been difficult without bipedalism.
- D. a knuckle-walking human ancestor could have easily moved bipedally in trees.

ID: e185a21f Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of the evolution of bipedalism in humans. According to the text, one potential explanation for humans walking upright on two legs is that the behavior evolved from an ancestor that mostly stayed on the ground and walked on four limbs, as modern chimpanzees and gorillas do. However, the finding that orangutans, also a relative of humans, sometimes stand on two legs in trees while using their arms to balance and reach for fruits suggests another possible explanation: perhaps a tree-dwelling ancestor of humans began moving on two legs because it offered an advantage, such as access to certain foods.

Choice B is incorrect because the finding that modern orangutans (a relative of humans) sometimes stand on two legs in trees doesn't offer any insight into when either bipedalism or tree-climbing behavior emerged in human ancestors. Additionally, the text indicates that one theory is that bipedalism evolved from a mostly ground-based ancestor that was already practicing knuckle-walking, not that bipedalism and knuckle-walking developed at the same time. Choice C is incorrect because the finding that orangutans (a relative of humans) sometimes stand on two legs in trees doesn't offer any insight into how difficult it would've been to move between the ground and the trees without bipedalism; there's no suggestion that climbing or moving in trees depends on the ability to walk on two legs rather than four, even if that ability might be helpful in certain circumstances. Choice D is incorrect because the finding that orangutans (a relative of humans) sometimes stand on two legs in trees doesn't suggest that a knuckle-walking human ancestor could've easily moved on two legs in trees. Although the text indicates that bipedalism may have evolved from a human ancestor that mostly stayed on the ground and walked on four limbs, it gives no indication of how easy it would've been for such an ancestor to move bipedally in trees.

Question Difficulty: Hard

Question ID 20000f5f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 20000f5f

Arthur Conan Doyle's stories about detective Sherlock Holmes were published between 1887 and 1927. They have inspired countless successful adaptations, including comic strips, movies, and a television series *Sherlock Hound*, directed by Hayao Miyazaki, who is celebrated for his animated movies. Until 2014, these stories were copyrighted. The right to adapt was only available to those who could afford the copyright fee and gain approval from the strict copyright holders of Doyle's estate. Some journalists predict that the number of Sherlock Holmes adaptations is likely to increase since the end of copyright means that _____

Which choice most logically completes the text?

- A. Doyle's original stories will become hard to find.
- B. people will become more interested in detective stories than they were in the 1800s.
- C. producing adaptations will become easier and less expensive.
- D. the former copyright holders of Doyle's estate will return fees they collected.

ID: 20000f5f Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text tells us that because of the copyright, adapting Sherlock Holmes stories used to be expensive and difficult. This suggests that after the copyright ends, it will be less expensive and less difficult to adapt these stories.

Choice A is incorrect. This inference isn't supported. The text never suggests that the copyright ending will make Sherlock Holmes stories harder to find. Instead, it suggests that adaptations of these stories will be easier and less expensive to make. Choice B is incorrect. This inference isn't supported. The text never discusses people's interest in detective stories, so there is no basis to make this inference. Choice D is incorrect. This inference isn't supported. The text never suggests that copyright fees from the past are returned after a copyright ends, so there is no basis to make this inference.

Question Difficulty: Easy

Question ID 25176ff8

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 25176ff8

"Mrs. Spring Fragrance" is a 1912 short story by Sui Sin Far. In the story, Mrs. Spring Fragrance, a Chinese immigrant living in Seattle, is traveling in California. In letters to her husband and friend, she demonstrates her concern for what's happening at her home in Seattle while she is away: _____

Which quotation from Mrs. Spring Fragrance's letters most effectively illustrates the claim?

- A. "My honorable cousin is preparing for the Fifth Moon Festival, and wishes me to compound for the occasion some American 'fudge,' for which delectable sweet, made by my clumsy hands, you have sometimes shown a slight prejudice."
- B. "Next week I accompany Ah Oi to the beauteous town of San José. There will we be met by the son of the Illustrious Teacher."
- C. "Forget not to care for the cat, the birds, and the flowers. Do not eat too quickly nor fan too vigorously now that the weather is warming."
- D. "I am enjoying a most agreeable visit, and American friends, as also our own, strive benevolently for the accomplishment of my pleasure."

ID: 25176ff8 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a quotation that illustrates the claim that Mrs. Spring Fragrance demonstrates concern for what's happening at home while she's in California. By giving reminders to "care for the cat, the birds, and the flowers," "not eat too quickly," and avoid engaging in strenuous activity in the heat, Mrs. Spring Fragrance shows that she's thinking about what's happening at home and wants to ensure everything is taken care of.

Choice A is incorrect because the quotation, while it does suggest that Mrs. Spring Fragrance has made fudge at home before, is focused on preparations for an upcoming festival, not on concerns for anything happening at home while Mrs. Spring Fragrance is away. Choice B is incorrect because the quotation has to do with an upcoming event during Mrs. Spring Fragrance's trip—visiting San José and meeting someone new—rather than her concern for what's happening at home. Choice D is incorrect because the quotation is focused on how Mrs. Spring Fragrance feels about her trip and the friends she's seeing, not on her concern for what's happening at home.

Question Difficulty: Medium

Question ID 67b59a67

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 67b59a67

Plants like potatoes, tomatoes, and soybeans are susceptible to bacterial wilt disease caused by the bacteria *Ralstonia solanacearum*. A multinational team of scientists led by Zhong Wei studied whether other microbes in the soil might influence the degree to which plants are affected by the disease. The team sampled soil surrounding individual tomato plants over time and compared the results of plants that became diseased with those that remained healthy. They concluded that the presence of certain microbes in the soil might explain the difference between healthy and diseased plants.

Which finding, if true, would most directly support the team's conclusion?

- A. The soil surrounding healthy plants contained significantly higher concentrations of microbes known to inhibit *Ralstonia solanacearum* than the soil surrounding diseased plants did.
- B. The soil surrounding the plants contained high concentrations of *Ralstonia solanacearum* regardless of whether the plants were affected by wilt disease.
- C. The soil surrounding healthy plants tended to have significantly higher moisture levels than the soil surrounding diseased plants did.
- D. By the end of the experiment, over half the plants had been affected by wilt disease regardless of differences in the types and concentrations of microbes in the surrounding soil.

ID: 67b59a67 Answer

Correct Answer: A

Rationale

Choice A is the best answer. This choice provides evidence that directly links the presence of *R. solanacearum*-inhibiting microbes in the soil to the health of tomato plants.

Choice B is incorrect. This choice would weaken the team's conclusion. It suggests that the presence of the disease-causing bacteria had no effect on the health of the tomato plants. Choice C is incorrect. This choice doesn't support the team's conclusion. The conclusion is about microbes, not soil moisture. Choice D is incorrect. This choice would weaken the team's conclusion. It suggests that the presence of the bacteria-inhibiting microbe in soil had no effect on the health of the tomato plants.

Question Difficulty: Medium

Question ID c228bd45

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: c228bd45

The following text is adapted from Edith Nesbit's 1906 novel *The Railway Children*.

Mother did not spend all her time in paying dull [visits] to dull ladies, and sitting dully at home waiting for dull ladies to pay [visits] to her. She was almost always there, ready to play with the children, and read to them, and help them to do their home-lessons. Besides this she used to write stories for them while they were at school, and read them aloud after tea, and she always made up funny pieces of poetry for their birthdays and for other great occasions.

According to the text, what is true about Mother?

- A. She wishes that more ladies would visit her.
- B. Birthdays are her favorite special occasion.
- C. She creates stories and poems for her children.
- D. Reading to her children is her favorite activity.

ID: c228bd45 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it describes something that is true of Mother, as presented in the text. The text indicates that in addition to other activities, Mother writes stories for her children while they are at school and makes up "funny pieces of poetry" for certain occasions.

Choice A is incorrect because the text suggests that Mother prefers to spend her time with her children and doesn't sit at home hoping that ladies will visit her. Choice B is incorrect because the text says only that Mother makes up poetry for the children's birthdays, not that she likes birthdays more than other special occasions. Choice D is incorrect because the text doesn't suggest that Mother prefers reading to her children over the other activities she does with them, such as playing with them and writing stories and poems for them.

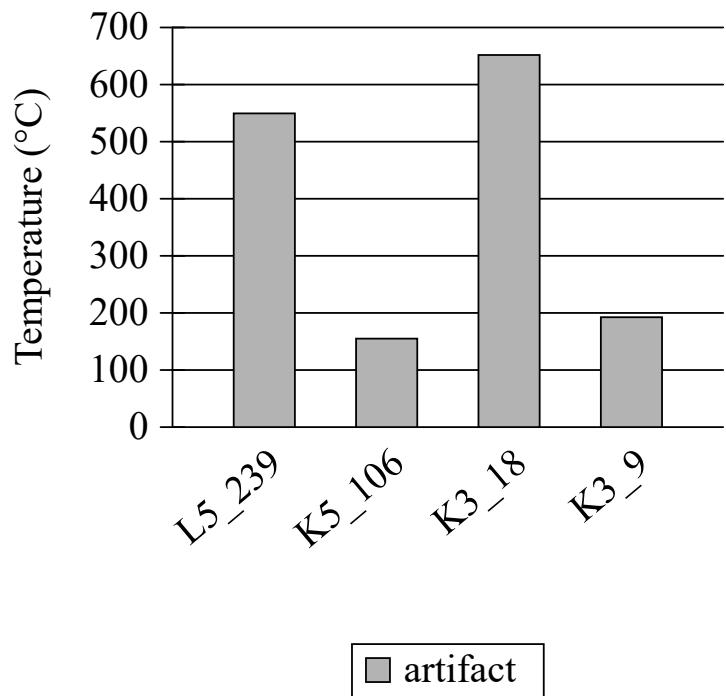
Question Difficulty: Easy

Question ID 7edfb2c5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 7edfb2c5

Estimated Temperatures to which Evron Quarry Artifacts Were Exposed



Flint artifacts dating to 800,000 to 1,000,000 years ago have been recovered from the Evron Quarry in Israel. Likely created by the hominin *Homo erectus*, the artifacts have no visual features suggesting that they were exposed to fire, leading some scholars to conclude that these hominins had not acquired control of fire. But Zane Stepka and colleagues recently used a new method to determine whether these artifacts had been exposed to temperatures above 400°C (the typical temperature campfires reach) and concluded that the hominins who inhabited the site may have had control of fire.

Which choice best describes data in the graph that support the team's conclusion?

- A. Artifacts K5_106 and K3_9 were exposed to temperatures above 400°C.
- B. Artifacts L5_239 and K3_18 were exposed to temperatures of approximately 550°C and 650°C, respectively.
- C. All of the artifacts were exposed to temperatures above 100°C.
- D. Artifact K3_9 was exposed to a higher temperature than was artifact K5_106.

ID: 7edfb2c5 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Campfires typically reach over 400°C, so human artifacts that were exposed to temperatures higher than this may indicate some human control over fire.

Choice A is incorrect. This choice misreads the graph. Neither artifact K3_9 nor K5_106 was exposed to temperatures above even 200°C. Choice C is incorrect. This choice doesn't support the claim. Campfires typically reach over 400°C, so exposure to temperatures of 100°C wouldn't demonstrate exposure to fire. Choice D is incorrect. This choice doesn't support the claim. Both artifacts K3_9 and K5_106 were exposed to temperatures of less than 200°C. Since campfires typically reach over 400°C, this wouldn't demonstrate exposure to fire.

Question Difficulty: Medium

Question ID 0c622cfb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0c622cfb

Although it's clear that Mars once had liquid water on its surface, astronomers have debated whether the evidence of ancient water reflects a prolonged phase of warm, wet conditions—the so-called wet and warm scenario—or a brief period of melting in an otherwise consistently frozen environment. Researchers Benjamin T. Cardenas and Michael P. Lamb recently added to this debate by using data from NASA and the Mars Orbiter Laser Altimeter to map the topography of what is now a large basin in Mars's northern hemisphere. Cardenas and Lamb concluded that the wet and warm scenario is likely correct.

Which finding about the basin, if true, would most directly support Cardenas and Lamb's conclusion?

- A. Its dimensions and shape indicate that it is unlikely to have formed as the result of an asteroid or comet impact.
- B. It has features suggesting that it once held an ocean that underwent gradual sea-level changes over an extended time.
- C. Its physical characteristics are most consistent with it having formed as a result of a massive but short-lived influx of liquid water.
- D. It is surrounded by channels that could have been formed either by running water or by flowing lava.

ID: 0c622cfb Answer

Correct Answer: B

Rationale

Choice B is the best answer. This choice provides direct support for the researchers' conclusion. If the basin once held an ocean of liquid water for "an extended time," that supports the "wet and warm scenario" on Mars, which involved a "prolonged" period of temperate conditions (and not just a "brief period of melting").

Choice A is incorrect. This choice doesn't provide support for the researchers' conclusions. The dimensions of the basin have little bearing on whether or not it was filled with liquid water, and for how long, and that's the evidence that would support the "wet and warm" theory. Similarly, whether or not the basin was formed by an asteroid or a comet is irrelevant to the question of whether or not there was water in the basin for a long period. Choice C is incorrect. This choice does not provide support for the researchers' conclusions, but rather the opposite. A "massive but short lived influx" of liquid water is not the same as a "prolonged phase of warm, wet conditions." It more reflects the opposing theory, a "brief period of melting." Choice D is incorrect. This choice does not support Cardenas and Lamb's conclusion. Both theories about liquid water on Mars ("wet and warm" and "brief period of melting") involve flowing water, but lava isn't mentioned at all in the text. Therefore, this choice doesn't provide exclusive support for either theory.

Question Difficulty: Medium

Question ID 5fb6ed10

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 5fb6ed10

The Land of Enchantment is a 1906 travel book by Lilian Whiting. In the book, which describes the experience of traveling through the southwestern United States by train, Whiting reflects on the escape from everyday life that such a journey provides: _____

Which quotation from *The Land of Enchantment* most effectively illustrates the claim?

- A. "The opportunities and advantages already offered and constantly increasing are greater than would at first be considered possible."
- B. "The social and the picturesque charm of the long journey is singularly enhanced by the leisurely stops made for refreshment."
- C. "The real journey begins, of course, at Chicago, and as these trains leave in the evening the traveller fares forth in the seclusion of his berth."
- D. "One experiences a certain sense of detachment from ordinary day and daylight duties that is exhilarating."

ID: 5fb6ed10 Answer

Correct Answer: D

Rationale

Choice D is the best answer because. This quotation specifically describes a "sense of detachment from ordinary day," which matches the claim's focus on "escape from everyday life."

Choice A is incorrect. While this quotation describes new opportunities associated with Whiting's experience, it doesn't frame these opportunities as "an escape," and it doesn't directly compare Whiting's journey with "everyday life." Choice B is incorrect. While this quotation includes a positive characterization of Whiting's journey, it doesn't specifically address the idea of an "escape from everyday life," which is the focus of the claim. Choice C is incorrect. This quotation focuses on where the journey begins, not on how it feels like an "escape from everyday life."

Question Difficulty: Medium

Question ID f452410b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: f452410b

Results of Footprint Analysis for Two Sets of Theropod Tracks

Tracks	Estimated footprint length (centimeters)	Average stride length (meters)	Estimated mean speed (meters per second)
La Torre 6A	32.8	5.23	6.5–10.3
La Torre 6B	28.9	5.57	8.8–12.4

The table shows data from paleontologist Angélica Torices and colleagues' 2021 study of two sets of dinosaur tracks preserved in a fossilized lake bed in Spain. The tracks, referred to as La Torre 6A and La Torre 6B, were left by two individual theropods (dinosaurs that walked on two legs). The team's findings suggest that of the two theropods, the one that left the La Torre 6B tracks had a higher maximum mean speed, _____

Which choice most effectively uses data from the table to complete the claim?

- A. a longer footprint, and a longer average stride.
- B. a longer footprint, and a shorter average stride.
- C. a shorter footprint, and a longer average stride.
- D. a shorter footprint, and a shorter average stride.

ID: f452410b Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the claim about the tracks left by two theropods. The table indicates that the set of tracks labeled La Torre 6A has an estimated footprint length of 32.8 centimeters, an average stride length of 5.23 meters, and an estimated mean speed of 6.5–10.3 meters per second. For the set of tracks labeled La Torre 6B, on the other hand, the estimated footprint length is 28.9 centimeters, the average stride length is 5.57 meters, and the estimated mean speed is 8.8–12.4 meters per second. Therefore, the theropod that left the La Torre 6B tracks had a shorter footprint and a longer average stride than the one that left the La Torre 6A tracks.

Choice A is incorrect. While it is true that of the two theropods, the one that left the La Torre 6B tracks had a longer average stride, it didn't have a longer footprint: the table shows that its estimated footprint length is 28.9 centimeters, while La Torre 6A's estimated footprint length is 32.8 centimeters. Choice B is incorrect because the table shows that of the two theropods, the one that left the La Torre 6B tracks had a footprint length estimated at 28.9 centimeters, which is shorter than the 32.8 centimeters estimated for the other set of tracks. Moreover, the theropod that left the La Torre 6B tracks had a longer average stride, not shorter: 5.57 meters, compared with 5.23 meters for the other set of tracks. Choice D is incorrect. While it is true that of the two theropods, the one that left

the La Torre 6B tracks had a shorter footprint, it didn't have a shorter average stride: the table shows that its average stride length is 5.57 meters, while La Torre 6A's average stride length is 5.23 meters.

Question Difficulty: Easy

Question ID 9731a22b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 9731a22b

Paleontologist Lucas E. Fiorelli and colleagues have reported the discovery at a mine in Brazil of several egg clutches, partially preserved single eggs, and egg shells from the Late Cretaceous period. The researchers have concluded that the area was once a nesting and breeding site for titanosaurs, a group of sauropod dinosaurs. The finding is significant given the previous lack of known nesting sites in northern regions of South America, which led many paleontologists to assume that titanosaurs migrated south to lay eggs.

What does the text most strongly suggest about the site discovered by the researchers?

- A. It is the earliest known example of a titanosaur nesting and breeding site.
- B. It was very difficult to excavate given that it was discovered in a mine.
- C. It may have been occupied by other sauropods in addition to titanosaurs.
- D. It is farther north than any other nesting site discovered in South America.

ID: 9731a22b Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a statement about the site discovered by the researchers that is supported by the text. The text discusses Fiorelli and colleagues' discovery of egg clutches, single eggs, and eggshells in a Brazilian mine. According to the text, the presence of these eggs, which are from the Late Cretaceous period, led the researchers to conclude that the location was once a nesting and breeding site for titanosaurs. The text then explains that the finding is important because of the "previous lack of known nesting sites in northern regions of South America." If there haven't been any other discoveries of a nesting site in South America's northern regions and the site in the Brazilian mine is the first, then the text strongly suggests that the site is farther north than other nesting sites that have been discovered in South America.

Choice A is incorrect because the text doesn't suggest that the site discovered by Fiorelli and colleagues is the earliest titanosaur nesting and breeding site known to paleontologists but rather that it's the first nesting site found in northern regions of South America. Moreover, the text doesn't suggest how the timeline of the newly discovered site compares with that of other titanosaur nesting and breeding sites. Choice B is incorrect because there is no mention in the text about any difficulties that Fiorelli and colleagues faced when they were excavating the nesting and breeding site in the Brazilian mine. Choice C is incorrect because the text doesn't support the idea that the nesting and breeding site in the Brazilian mine was occupied by sauropods other than titanosaurs. The text simply mentions that titanosaurs are sauropod dinosaurs and presents the researchers' conclusion that the site they discovered was for titanosaurs.

Question Difficulty: Hard

Question ID db876fd5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: db876fd5

Songbirds learn to respond to and imitate their species' songs from an early age. With each generation, small differences are introduced that result in distinct variations—called dialects—among geographically isolated populations of the same species. A research study examined whether twelve-day-old *Ficedula hypoleuca* (pied flycatcher) nestlings prefer local dialects over the unfamiliar dialects of nonlocal *F. hypoleuca* populations: the more begging calls the nestlings made in response to a song, the stronger their preference. The researchers found that nestlings produced more begging calls in response to their own dialect than to nonlocal dialects. Since song preference plays a role in songbird mate selection, the finding suggests that _____.

Which choice most logically completes the text?

- A. *F. hypoleuca* nestlings' preference for their own dialect likely disappears as they mature to promote socialization between different *F. hypoleuca* populations.
- B. *F. hypoleuca* nestlings who show an early preference for their own dialect are likely to receive more food from their caretakers than nestlings who show no preferences among any *F. hypoleuca* dialects.
- C. *F. hypoleuca* nestlings' preference for their own dialect likely drives them when they mature to reproduce with other *F. hypoleuca* from local rather than nonlocal populations.
- D. *F. hypoleuca* nestlings show a preference for both local *F. hypoleuca* dialects and the songs of other local songbirds over the songs of nonlocal birds of any species.

ID: db876fd5 Answer

Correct Answer: C

Rationale

Choice C is the best answer. Because "song preference plays a role in songbird mate selection," and because *F. hypoleuca* nestlings display a preference for local dialects, we can infer that they will be more likely to choose mates from local populations.

Choice A is incorrect. We don't have any information suggesting that this preference disappears, so there's no basis for this inference. Choice B is incorrect. Although the passage discusses the number of begging calls made in response to various *F. hypoleuca* dialects, no mention is made about the amount of food received based on dialect preference. Therefore, there's no basis for this inference. Choice D is incorrect. There's no mention in the passage of methods of other types of local songbirds, so there's no basis for this inference.

Question Difficulty: Medium

Question ID 09f9edb0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 09f9edb0

In the 1980s, many musicians and journalists in the English-speaking world began to draw attention to music from around the globe—such as mbaqanga from South Africa and quan họ from Vietnam—that can't be easily categorized according to British or North American popular music genres, typically referring to such music as "world music." While some scholars have welcomed this development for bringing diverse musical forms to prominence in countries where they'd previously been overlooked, musicologist Su Zheng claims that the concept of world music homogenizes highly distinct traditions by reducing them all to a single category.

Which finding about mbaqanga and quan họ, if true, would most directly support Zheng's claim?

- A. Mbaqanga and quan họ developed independently of each other and have little in common musically.
- B. Mbaqanga is significantly more popular in the English-speaking world than quan họ is.
- C. Mbaqanga and quan họ are now performed by a diverse array of musicians with no direct connections to South Africa or Vietnam.
- D. Mbaqanga and quan họ are highly distinct from British and North American popular music genres but similar to each other.

ID: 09f9edb0 Answer

Correct Answer: A

Rationale

Choice A is the best answer. Zheng's claim is that the idea of world music "homogenizes" (meaning makes similar) distinct kinds of music by reducing them to one category. In other words, Zheng thinks the concept of world music is a harmful oversimplification of diverse musical forms. To support this claim, we need evidence that these musical traditions are so different from one another that they should not fall into the same category. If it's true that mbaqanga and quan họ developed separately and have little in common musically, then it wouldn't make sense to lump them into the same category.

Choice B is incorrect. If true, this wouldn't affect the claim. To support the claim, we need evidence that these musical traditions are so different from one another that they should not fall into the same category. A difference in popularity doesn't necessarily mean that the two musical traditions shouldn't be categorized together: instead, we need to know if the music itself is similar or different. Choice C is incorrect. If true, this wouldn't affect the claim. To support the claim, we need evidence that these musical traditions are so different from each other that they should not fall into the same category. This choice doesn't do that. Choice D is incorrect. If true, this would actually weaken the claim. Zheng thinks it's reductive or oversimplifying to put distinct musical traditions into a single category. But if mbaqanga and quan họ are similar to each other, then it would make sense to put them in the same category.

Question Difficulty: Hard

Question ID f39507a3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f39507a3

One challenge when researching whether holding elected office changes a person's behavior is the problem of ensuring that the experiment has an appropriate control group. To reveal the effect of holding office, researchers must compare people who hold elected office with people who do not hold office but who are otherwise similar to the office-holders. Since researchers are unable to control which politicians win elections, they therefore _____

Which choice most logically completes the text?

- A. struggle to find valid data about the behavior of politicians who do not currently hold office.
- B. can only conduct valid studies with people who have previously held office rather than people who presently hold office.
- C. should select a control group of people who differ from office holders in several significant ways.
- D. will find it difficult to identify a group of people who can function as an appropriate control group for their studies.

ID: f39507a3 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents the conclusion that most logically follows from the text's discussion of the challenge researchers face when studying the effects of holding elected office on a person's behavior. The text explains that it's hard for researchers to test for the effects that elected office has on people because finding people to serve as a control group is difficult. The text indicates that a control group needs to be made up of people who share characteristics of the group being tested but don't have the variable being tested (in this case, holding elected office). Because researchers aren't able to influence who wins elections, they're also unable to determine who would serve as an appropriately similar member of a control group. Thus, it logically follows that researchers will find it difficult to identify a group of people who can function as an appropriate control group for their studies.

Choice A is incorrect because the text focuses on the struggle to put together a control group for experiments; it doesn't suggest that finding information about politicians' behavior is difficult. Choice B is incorrect because the experiments mentioned in the text are testing the effects of holding elected office on a person's behavior. Studying people who have already held elected office wouldn't provide an opportunity to note any behavioral changes that the position might cause. Choice C is incorrect because the text defines people in a control group as those "who are otherwise similar to the office-holders"; selecting people who differ from the office-holders wouldn't fit the criteria for an appropriate control group.

Question Difficulty: Hard

Question ID 5325b3cc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 5325b3cc

Philadelphia's Black Pearl Chamber Orchestra, founded by Jeri Lynne Johnson, performs classical music, from well-known compositions by Beethoven to contemporary works by Jessie Montgomery. For the orchestra's iConduct! program, Johnson invites community members to learn some basic elements of conducting and then experience conducting the Black Pearl orchestra themselves.

Which choice best states the main idea of the text?

- A. The Black Pearl orchestra performs music from all over the world but mostly performs music composed by Philadelphians.
- B. Johnson founded the Black Pearl orchestra to perform classical music by contemporary artist Jessie Montgomery.
- C. The Black Pearl orchestra gives community members the chance to both listen to and participate in classical music performance.
- D. Johnson has community members conduct an orchestra to demonstrate how difficult the task is.

ID: 5325b3cc Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most accurately states the main idea of the text. The text begins by stating that the Black Pearl orchestra performs classical music, and then goes on to explain that the orchestra offers an iConduct! program. According to the text, this program offers community members the opportunity to learn some basics about conducting and then apply what they learn by conducting the orchestra themselves. Thus, the main idea of the text is that community members can both listen to and participate in a classical music performance.

Choice A is incorrect. Although the text states that the Black Pearl orchestra is based in Philadelphia, it doesn't indicate that most of the music it plays was composed by Philadelphians. Choice B is incorrect. Although the text does state that Johnson founded the Black Pearl orchestra, this is just a detail and not the main focus of the text. Moreover, while the text does say that the orchestra sometimes plays music by Montgomery, it doesn't assert that the orchestra was founded solely for the purpose of performing Montgomery's work. Choice D is incorrect. Although the text explains that community members are invited to conduct the Black Pearl orchestra after participating in the iConduct! program, the text doesn't indicate that Johnson allows community members to do this for the specific purpose of showing how difficult the task is.

Question Difficulty: Medium

Question ID b1fab3e1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	 Three blue squares followed by one white square

ID: b1fab3e1

Violins made by Antonio Stradivari and other craftspeople in the sixteenth to eighteenth centuries in Cremona, Italy, produce a sound that is considered superior to that of modern stringed instruments. Some experts have claimed that the type of wood used to create Cremonese violins is responsible for their prized sound, but modern and Cremonese violins are made of the same kinds of wood: maple and spruce. New analysis, however, has revealed unique indications that the wood in the older violins was chemically treated by the makers, leading researchers to suggest that _____

Which choice most logically completes the text?

- A. Cremonese violins probably were not considered superior to other instruments at the time they were made.
- B. the sound quality of Cremonese violins results in part from a method the craftspeople used to alter the wood.
- C. if modern violins were made of a wood other than maple or spruce, they likely would sound as good as Cremonese violins.
- D. the current process of making violins is the same process that was used centuries ago by Cremonese craftspeople.

ID: b1fab3e1 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of the sound quality of Cremonese and modern violins. The text states that violins made in Cremona in the sixteenth to eighteenth centuries sound superior to modern violins. It then indicates that some experts attribute the difference to different woods being used to make these violins, but both Cremonese and modern violins are made of the same woods (maple and spruce); thus this cannot account for the difference. The text then says that recent analysis suggests the wood in Cremonese violins was chemically treated by the craftspeople who made them, thereby providing an alternate explanation for the sound differences: the chemical alteration that is present in the Cremonese violins but absent from the modern ones.

Choice A is incorrect because the text does not discuss how the sound quality of Cremonese violins compares with the sound quality of other instruments made during the sixteenth to eighteenth centuries. Instead it focuses on how the sound of the Cremonese violins compares with that of modern violins. Choice C is incorrect. The text states that there are differences in sound quality between the Cremonese and modern violins, and that both types of violin are made with maple or spruce. Thus the type of wood alone does not determine a violin's sound quality. Furthermore, even if the type of wood alone could account for differences in sound quality, the text makes no mention of other woods, so there is no basis to judge how modern violins would sound if they were made using woods besides maple and spruce. Choice D is incorrect because the text states that there is evidence that Cremonese craftspeople chemically treated the wood used in Cremonese violins. This evidence is attributed to "new analysis," which strongly suggests that this process was unknown to modern violin makers before that analysis. If the chemical treatment was unknown until recently, the manufacturing process for modern violins must differ with respect to the previously unknown practice of chemically treating the wood.

Question Difficulty: Medium

Question ID 03701ef3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 03701ef3

To better understand the burrowing habits of *Alpheus bellulus* (the tiger pistol shrimp), some studies have used resin casting to obtain precise measurements of the shrimps' burrows. Resin casting involves completely filling an empty burrow with a liquid plastic that hardens to create a three-dimensional model; however, recovering the model inevitably requires destroying the burrow. In their 2022 study, Miyu Umehara and colleagues discovered that an x-ray computed tomography (CT) scanner can accurately record a burrow's measurements both at a moment in time and throughout the entire burrow-building process, something that's impossible with resin casting because _____

Which choice most logically completes the text?

- A. it can only be used on burrows below a certain size.
- B. it does not allow for multiple castings of the same burrow over time.
- C. the casting process takes more time than *A. bellulus* takes to construct a burrow.
- D. the process of recovering the model distorts the resin's shape.

ID: 03701ef3 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Since resin casting "inevitably requires destroying the burrow," it would be impossible to make multiple castings of the same burrow over time.

Choice A is incorrect. The passage doesn't discuss size requirements for completing resin casting, so there's no basis for this inference. Choice C is incorrect. The passage never mentions how long the casting process takes nor how long *A. bellulus* takes to construct a borrow, so there's no basis for this inference. Choice D is incorrect. The passage never states that recovering the model distorts the resin's shape, only that it destroys the burrow. Therefore, there's no basis for this inference.

Question Difficulty: Hard

Question ID 1e85caa9

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 1e85caa9

The following text is from Edith Nesbit's 1902 novel *Five Children and It*. Five young siblings have just moved with their parents from London to a house in the countryside that they call the White House.

It was not really a pretty house at all; it was quite ordinary, and mother thought it was rather inconvenient, and was quite annoyed at there being no shelves, to speak of, and hardly a cupboard in the place. Father used to say that the ironwork on the roof and coping was like an architect's nightmare. But the house was deep in the country, with no other house in sight, and the children had been in London for two years, without so much as once going to the seaside even for a day by an excursion train, and so the White House seemed to them a sort of Fairy Palace set down in an Earthly Paradise.

Which choice best states the main idea of the text?

- A. Although their parents believe the house has several drawbacks, the children are enchanted by it.
- B. The children don't like the house nearly as much as their parents do.
- C. Each member of the family admires a different characteristic of the house.
- D. The house is beautiful and well built, but the children miss their old home in London.

ID: 1e85caa9 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text lists complaints about the house made by the mother and father, but then it says that the children thought the house was a "Fairy Palace" and "Earthly Paradise."

Choice B is incorrect. The text states the opposite of this. It describes how the mother and father dislike the house and says the children think the house seems like paradise. Choice C is incorrect. This isn't what the text says. Only the children are said to admire the house; mother and father both complain about the house. Choice D is incorrect. The text states the opposite of this. It tells us the house was ugly and poorly built ("an architect's nightmare") and suggests the children were tired of London.

Question Difficulty: Easy

Question ID 124fdcd7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 124fdcd7

Many archaeologists will tell you that categorizing excavated fragments of pottery by style, period, and what objects they belong to relies not only on standard criteria, but also on instinct developed over years of practice. In a recent study, however, researchers trained a deep-learning computer model on thousands of images of pottery fragments and found that it could categorize them as accurately as a team of expert archaeologists. Some archaeologists have expressed concern that they might be replaced by such computer models, but the researchers claim that outcome is highly unlikely.

Which finding, if true, would most directly support the researchers' claim?

- A. In the researchers' study, the model was able to categorize the pottery fragments much more quickly than the archaeologists could.
- B. In the researchers' study, neither the model nor the archeologists were able to accurately categorize all the pottery fragments that were presented.
- C. A survey of archaeologists showed that categorizing pottery fragments limits the amount of time they can dedicate to other important tasks that only human experts can do.
- D. A survey of archaeologists showed that few of them received dedicated training in how to properly categorize pottery fragments.

ID: 124fdcd7 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would support the researchers' claim that archaeologists are unlikely to be replaced by certain computer models. The text explains that although archaeologists hold that categorizing pottery fragments relies on both objective criteria and instinct developed through direct experience, researchers have found that a computer model can categorize the fragments with the same degree of accuracy as the humans can—a finding that has caused some archaeologists to worry that their own work won't be needed any longer. If survey results indicate that categorizing pottery fragments limits the amount of time archaeologists can dedicate to other important tasks that only human experts can do, that would mean that computer models aren't able to do all of the important things archaeologists do, thus supporting the researchers' claim that computer models are unlikely to replace human archaeologists.

Choice A is incorrect because if it were true that the computer model could categorize the pottery fragments much more quickly than the archaeologists could, that would weaken the researchers' claim that archaeologists are unlikely to be replaced by certain computer models, since it would demonstrate that the models could conduct the archaeologists' work not only with equal accuracy but also at a faster pace. Choice B is incorrect because the inability of both the computer model and the archaeologists to accurately categorize all of the pottery fragments presented wouldn't support the researchers' claim that archaeologists are unlikely to be replaced by certain computer models. The text indicates that some archaeologists are worried because the computer model's accuracy is equal to their own, and that could be the case whether both were perfectly accurate or were unable to achieve complete accuracy. Choice D is incorrect because survey results showing that few archaeologists received special training in properly categorizing pottery fragments wouldn't support the

researchers' claim that archaeologists are unlikely to be replaced by certain computer models. The amount of special training in categorizing pottery fragments that archaeologists have received has no direct bearing on whether computer models' success at categorizing fragments will lead to the models replacing the archaeologists.

Question Difficulty: Hard

Question ID c384987b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c384987b

Scientists have long believed that giraffes are mostly silent and communicate only visually with one another. But biologist Angela Stöger and her team analyzed hundreds of hours of recordings of giraffes in three European zoos and found that giraffes make a very low-pitched humming sound. The researchers claim that the giraffes use these sounds to communicate when it's not possible for them to signal one another visually.

Which finding, if true, would most directly support Stöger and her team's claim?

- A. Giraffes have an excellent sense of vision and can see in color.
- B. The giraffes only produced the humming sounds at night when they couldn't see one another.
- C. Wild giraffes have never been recorded making humming sounds.
- D. Researchers observed other animals in European zoos humming.

ID: c384987b Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a finding that, if true, would support Stöger and her team's claim that giraffes use humming to communicate when they cannot signal to one another visually. The text indicates that scientists have long thought that giraffes produce little sound and exclusively rely on visual signals to communicate with one another. The text goes on to say, however, that Stöger and her team have recorded giraffes in three European zoos making a low-pitched humming sound, which the team claims the giraffes use to communicate when they cannot see each other. If the giraffes produced these sounds when visual communication was impossible and never produced them otherwise, that would support Stöger and her team's claim about the circumstance in which giraffes make the sound.

Choice A is incorrect because finding that giraffes have excellent vision and can see in color would have no bearing on Stöger and her team's claim that giraffes produce a low-pitched humming noise to communicate when they cannot communicate visually. As presented in the text, Stöger and her team's claim is restricted to circumstances in which giraffes cannot signal one another visually; if the giraffes are unable to signal visually, their sense of vision is irrelevant to their communication. Choice C is incorrect because finding that wild giraffes have never been recorded making humming noises would not support Stöger and her team's claim about the function of the humming noise that the researchers recorded from the giraffes in European zoos. The text provides no information about whether researchers have even attempted to record low-pitched humming in wild giraffes, so nothing can be concluded about the implications of the lack of such recordings. Choice D is incorrect because finding that other animals in European zoos had been observed humming would not support Stöger and her team's claim, since it would not indicate anything about why giraffes produce humming sounds. Different species could produce similar sounds for different purposes, so scientists could not conclude anything about the function of giraffe humming from a finding that some other animals in zoos also hum.

Question Difficulty: Easy

Question ID a66f9b8d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: a66f9b8d

Cats can judge unseen people's positions in space by the sound of their voices and thus react with surprise when the same person calls to them from two different locations in a short span of time. Saho Takagi and colleagues reached this conclusion by measuring cats' levels of surprise based on their ear and head movements while the cats heard recordings of their owners' voices from two speakers spaced far apart. Cats exhibited a low level of surprise when owners' voices were played twice from the same speaker, but they showed a high level of surprise when the voice was played once each from the two different speakers.

According to the text, how did the researchers determine the level of surprise displayed by the cats in the study?

- A. They watched how each cat moved its ears and head.
- B. They examined how each cat reacted to the voice of a stranger.
- C. They studied how each cat physically interacted with its owner.
- D. They tracked how each cat moved around the room.

ID: a66f9b8d Answer

Correct Answer: A

Rationale

Choice A is the best answer because it explains how the researchers determined the level of surprise displayed by the cats in the study. The text states that Saho Takagi and colleagues played recordings of the voice of each cat's owner and measured how surprised the cat was by the recording based on how it moved its ears and head.

Choice B is incorrect because, as the text explains, the recordings played for each cat in the study were of the voice of the cat's owner, not a stranger's voice. Choice C is incorrect because the text explains that during the study, the cats didn't interact directly with their owners; instead, the cats listened to recordings of their owners' voices. Choice D is incorrect because the text doesn't indicate that the researchers monitored the cats' movement around the room in which the study was conducted.

Question Difficulty: Medium

Question ID a842db60

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: a842db60

To make her art more widely available, graphic artist Elizabeth Catlett turned to linocuts. In linocut printing, an artist carves an image into a sheet of linoleum to create a stamp that is used to mass-produce prints. In the linocut series *The Black Woman* (1946–1947), Catlett depicts the everyday experiences of Black women alongside the achievements of well-known Black women. This pairing invites the viewer to draw connections among the women. The linocut process enabled Catlett's work to reach a wide audience and supported her aim to unite Black women through her art.

According to the text, what is significant about Catlett's use of linocut printing?

- A. Linocut printing involved using materials that were readily available to Catlett.
- B. Linocut printing helped Catlett use art to connect people, especially Black women.
- C. Catlett became commercially successful once she started using linocut printing.
- D. Catlett was one of the first Black artists to use linocut printing.

ID: a842db60 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The last sentence states that the linocut process “supported her [Catlett’s] aim to unite Black women through her art.”

Choice A is incorrect. The text briefly describes the linocut printing process but doesn’t discuss the availability of the materials used in the process. Choice C is incorrect. The text says that the linocut process “enabled Catlett’s work to reach a wide audience,” but that doesn’t mean that linocuts made her “commercially successful.” In other words, we don’t know how much money she made off her linocuts—we only know that more people were able to see her work. Choice D is incorrect. The text says that Catlett depicted Black women in her linocuts, but not that she was one of the first Black artists to use linocut printing.

Question Difficulty: Easy

Question ID 835545cd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	(Medium)

ID: 835545cd

The following text is adapted from Charles W. Chesnutt's 1901 novel *The Marrow of Tradition*.

Mrs. Ochiltree was a woman of strong individuality, whose comments upon her acquaintance[s], present or absent, were marked by a frankness at times no less than startling. This characteristic caused her to be more or less avoided. Mrs. Ochiltree was aware of this sentiment on the part of her acquaintance[s], and rather exulted in it.

Based on the text, what is true about Mrs. Ochiltree's acquaintances?

- A. They try to refrain from discussing topics that would upset Mrs. Ochiltree.
- B. They are unable to spend as much time with Mrs. Ochiltree as she would like.
- C. They are too preoccupied with their own concerns to speak with Mrs. Ochiltree.
- D. They are likely offended by what Mrs. Ochiltree has said about them.

ID: 835545cd Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a statement about Mrs. Ochiltree's acquaintances that is supported by the text. The text indicates that Mrs. Ochiltree makes comments about her acquaintances that are frank, or direct and blunt, and sometimes startling. It also states that because of this behavior, the acquaintances tend to avoid Mrs. Ochiltree. Together, these details suggest that the acquaintances choose not to be around Mrs. Ochiltree because they are offended by the things she has said about them.

Choice A is incorrect because the text doesn't suggest that Mrs. Ochiltree's acquaintances avoid discussing topics that would upset Mrs. Ochiltree; instead, it states that they avoid being around Mrs. Ochiltree at all. Choice B is incorrect because the text makes it clear that Mrs. Ochiltree knows her acquaintances often avoid her and is pleased about it (she "rather exulted in it"), not that she wants to spend more time with them. Choice C is incorrect because the text doesn't suggest that Mrs. Ochiltree's acquaintances don't speak with Mrs. Ochiltree because they are too focused on their own concerns, but rather because they don't like the frank comments she makes.

Question Difficulty: Medium

Question ID 8391a002

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 8391a002

Black beans (*Phaseolus vulgaris*) are a nutritionally dense food, but they are difficult to digest in part because of their high levels of soluble fiber and compounds like raffinose. They also contain antinutrients like tannins and trypsin inhibitors, which interfere with the body's ability to extract nutrients from foods. In a research article, Marisela Granito and Glenda Álvarez from Simón Bolívar University in Venezuela claim that inducing fermentation of black beans using lactic acid bacteria improves the digestibility of the beans and makes them more nutritious.

Which finding from Granito and Álvarez's research, if true, would most directly support their claim?

- A. When cooked, fermented beans contained significantly more trypsin inhibitors and tannins but significantly less soluble fiber and raffinose than nonfermented beans.
- B. Fermented beans contained significantly less soluble fiber and raffinose than nonfermented beans, and when cooked, the fermented beans also displayed a significant reduction in trypsin inhibitors and tannins.
- C. When the fermented beans were analyzed, they were found to contain two microorganisms, *Lactobacillus casei* and *Lactobacillus plantarum*, that are theorized to increase the amount of nitrogen absorbed by the gut after eating beans.
- D. Both fermented and nonfermented black beans contained significantly fewer trypsin inhibitors and tannins after being cooked at high pressure.

ID: 8391a002 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a finding that would best support Granito and Álvarez's claim that fermenting black beans makes them easier to digest and more nutritious. The text indicates that high levels of soluble fiber and raffinose in black beans make the beans hard to digest and that tannins and trypsin inhibitors make it harder for the body to extract nutrients from the beans. If it were found that fermenting the beans significantly reduces their levels of soluble fiber, raffinose, trypsin inhibitors, and tannins when cooked, this would directly support the claim that fermentation improves the digestibility of the beans and makes them more nutritious.

Choice A is incorrect because the text indicates that trypsin inhibitors and tannins interfere with the body's ability to extract nutrients from black beans; if fermentation and cooking were found to increase these antinutrients, fermented beans would likely be less nutritious than unfermented ones, not more nutritious (as Granito and Álvarez claim). Choice C is incorrect because the text doesn't address the idea that greater nitrogen absorption in the gut has an effect on a food's digestibility or level of nutrition, so the discovery of the presence of microorganisms that may increase nitrogen absorption wouldn't provide relevant support for the claim that fermentation makes black beans easier to digest and more nutritious. Choice D is incorrect because Granito and Álvarez's claim focuses on the effect of fermenting black beans, but the finding that nonfermented black beans also have fewer trypsin inhibitors and tannins when cooked at high pressure would suggest that the role of the cooking method could be significant when it comes to nutrition; further, the finding wouldn't address the beans' digestibility.

Question Difficulty: Hard

Question ID ab94d40a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: ab94d40a

Time Participants Spent Reading about Five London Museums

Museum Name	Ranking	Percentage of total time spent reading about museum by participants provided with ranking	Percentage of total time spent reading about museum by participants not provided with ranking
British Museum	1	36	18
National Gallery	2	21	20
Tate Modern	4	16	17
Victoria and Albert Museum	5	14	23
Natural History Museum	3	13	22

Researchers recently conducted an experiment to understand how we use rankings to make decisions. They created a fictitious travel website describing five museums in London. Then, they invited two groups of participants, who had never visited the museums, to review the site and select the museum they would be most likely to visit. Meanwhile, the researchers tracked the amount of time each participant spent reading about each museum. For one group, the website ranked each museum, titling the page "The Top 5 Museums in London." For the other group, the museums and their descriptions were not ranked. The researchers concluded that when reviewing ranked lists, we tend to focus on the top-ranked option.

Which choice best describes data in the table that support the researchers' conclusion?

- A. Participants who were not provided with a ranking of the museums spent roughly equal amounts of time reading about each museum.
- B. Participants who were provided with a ranking of the museums spent disproportionately more time reading about the British museum.
- C. Participants who were provided with a ranking of the museums spent the least amount of time reading about the Natural History Museum.
- D. Participants who were not provided with a ranking of the museums spent the most time reading about the Victoria and Albert Museum.

ID: ab94d40a Answer

Correct Answer: B

Rationale

Choice B is the best answer. By looking at the top-ranked option, we can see that people provided with ranked lists spent more time reading about the British Museum than reading about other museums (36% of the time versus 21% for the second-ranked option).

Choice A is incorrect. The claim is about people with ranked lists, and these data are about those with unranked lists. Choice C is incorrect. The claim is about people with ranked lists looking at the top-ranked option, and these data are about the third-ranked option. Choice D is incorrect. The claim is about people with ranked lists, and these data are about those with unranked lists.

Question Difficulty: Easy

Question ID cae97f58

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: cae97f58

Mosses can struggle in harsh desert conditions because these plants require enough sunlight for photosynthesis but not so much that they risk drying out. Researchers Jenna Ekwealor and Kirsten M. Fisher found several species of *Syntrichia caninervis*, a type of desert moss, growing under quartz crystals in California's Mojave Desert. To evaluate whether these semitransparent rocks benefited the moss, the researchers compared the shoot tissue, a measure of plant growth, of *S. caninervis* when growing on the soil surface versus when the moss was growing under the quartz rocks. They found that the shoot tissue was 62% longer for moss growing under the quartz as compared to moss on the soil surface, suggesting that _____.

Which choice most logically completes the text?

- A. *S. caninervis* is one of the few types of moss that can survive under semitransparent rocks.
- B. quartz crystals do not transmit the necessary sunlight for photosynthesis in *S. caninervis*.
- C. *S. caninervis* growing under quartz crystals experience lower light intensity and are thus able to retain more moisture.
- D. quartz crystals are capable of supporting *S. caninervis* growth if the crystals are not too thin.

ID: cae97f58 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text. The text explains that while desert moss species need sufficient sunlight for photosynthesis, exposure to sunlight can also affect the plants negatively by drying them out. Ekwealor and Fisher's team found specimens of *S. caninervis* moss growing under quartz crystals that were semitransparent, allowing some but not all sunlight to pass through them, and the shoot tissue of these specimens was longer than that of *S. caninervis* specimens found growing on the surface that were unprotected by such crystals. Since, as the text explains, the length of shoot tissue is an indicator of plant growth, and since greater exposure to sunlight results in greater loss of moisture, it can be inferred that *S. caninervis* growing under quartz crystals experience lower light intensity and are thus able to retain more moisture.

Choice A is incorrect because the text doesn't mention another moss species besides *S. caninervis* or discuss whether other such species are able to grow under transparent crystals, as *S. caninervis* is. Choice B is incorrect because, as the text explains, specimens of *S. caninervis* were found growing under quartz crystals and exhibited more plant growth than specimens growing on the soil surface. This wouldn't have been the case if the crystals transmitted insufficient light for the moss's photosynthesis. Choice D is incorrect. The text contrasts the growth of *S. caninervis* specimens found beneath semitransparent quartz crystals with that of specimens found on the soil surface absent such crystals, but it doesn't make a comparison among specimens growing beneath crystals of different degrees of thickness or consider how the relative thickness of the crystals affects the growth of the moss.

Question Difficulty: Hard

Question ID 4fc9a13a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 4fc9a13a

The novelist Toni Morrison was the first Black woman to work as an editor at the publishing company Random House, from 1967 to 1983. A scholar asserts that one of Morrison's likely aims during her time as an editor was to strengthen the presence of Black writers on the list of Random House's published authors.

Which finding, if true, would most strongly support the scholar's claim?

- A. The percentage of authors published by Random House who were Black rose in the early 1970s and stabilized throughout the decade.
- B. Black authors who were interviewed in the 1980s and 1990s were highly likely to cite Toni Morrison's novels as a principal influence on their work.
- C. The novels written by Toni Morrison that were published after 1983 sold significantly more copies and received wider critical acclaim than the novels she wrote that were published before 1983.
- D. Works that were edited by Toni Morrison during her time at Random House displayed stylistic characteristics that distinguished them from works that were not edited by Morrison.

ID: 4fc9a13a Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a finding that, if true, would support the scholar's claim about Toni Morrison's likely goal of strengthening the presence of Black writers on Random House's list of published authors. The text explains that Morrison was the first Black woman to be an editor for Random House and that she was an editor there from 1967 to 1983. If it were true that Random House published a higher percentage of works by Black authors throughout the 1970s—during most of Morrison's time working there—than it had previously published, that would suggest that Morrison may have made a deliberate effort to strengthen the presence of Black authors on the list of Random House's published authors, thus supporting the scholar's claim.

Choice B is incorrect because the scholar's claim is about Morrison's work as an editor at a publishing company and her likely effort to strengthen the presence of Black writers on that company's list of published authors. It might be true that Black authors interviewed in the 1980s and 1990s often cited Morrison's novels as an influence on their work, but that finding would simply suggest something about how those authors approached their work; it wouldn't show that Morrison intended to increase the number of Black writers among the published authors specifically at Random House. Choice C is incorrect because the scholar's claim is about Morrison's work as an editor at a publishing company, not about her work as a novelist. Therefore, a finding that Morrison's novels published after 1983 sold more copies and were more widely acclaimed than her earlier novels would have no bearing on the claim that as an editor Morrison made an effort to ensure that more Black writers were present on Random House's list of published authors. Choice D is incorrect. Although the text discusses Morrison's work as an editor at Random House, the scholar's claim focuses on Morrison's likely effort in that role to increase the number of Black writers present on Random House's list of published authors, not on the influence she may have had on the content of the works she edited. Without knowing whether Morrison's stylistic influence led to more publications or if Morrison applied her influence specifically to works by Black writers, the finding that works

edited by Morrison could be identified by stylistic characteristics would have no bearing on the claim that Morrison intended to strengthen the presence of Black writers among the published authors at Random House.

Question Difficulty: Hard

Question ID 87023f34

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 87023f34

"Ghosts of the Old Year" is an early 1900s poem by James Weldon Johnson. In the poem, the speaker describes experiencing an ongoing cycle of anticipation followed by regretful reflection: _____

Which quotation from "Ghosts of the Old Year" most effectively illustrates the claim?

- A. "What does this brazen tongue declare, / That falling on the midnight air / Brings to my heart a sense of care / Akin to fright?"
- B. "The snow has ceased its fluttering flight, / The wind sunk to a whisper light, / An ominous stillness fills the night, / A pause—a hush."
- C. "It tells of many a squandered day, / Of slighted gems and treasured clay, / Of precious stores not laid away, / Of fields unreaped."
- D. "And so the years go swiftly by, / Each, coming, brings ambitions high, / And each, departing, leaves a sigh / Linked to the past."

ID: 87023f34 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents the quotation that most effectively illustrates the claim that the speaker of the poem describes experiencing an ongoing cycle of anticipation followed by regretful reflection. In this quotation, the speaker notes that as years go by, "Each, coming"—that is, each new year as it comes—"brings ambitions high." In other words, the speaker begins each new year with large goals. But the speaker goes on to say that as each year ends ("each, departing"), it "leaves a sigh / Linked to the past." A sigh is an expression of longing or regret, so in the context of the whole quotation, this portion suggests that at the end of each year, the speaker regretfully reflects on not having achieved the ambitions formed at the beginning of the year. The phrases "the years go swiftly by," "Each, coming," and "each, departing" indicate that this experience happens over and over again: the speaker experiences a cycle of anticipation followed by regretful reflection.

Choice A is incorrect because this quotation does not describe an ongoing cycle of anticipation followed by regretful reflection. Instead, the speaker describes experiencing a sensation similar to fright as a result of something that has occurred at midnight. Specifically, the speaker has heard a "brazen tongue," a figurative way of saying that the speaker has heard the clang of a bronze bell being rung. Choice B is incorrect because although this quotation does convey a sense of anticipation through its reference to "ominous stillness," there is no suggestion of regretful reflection or any indication that the speaker is describing an ongoing cycle of anticipation followed by such reflection. Instead, the speaker is describing a particular moment when a winter storm appears to have momentarily calmed. Choice C is incorrect because although this quotation does convey a sense of regret ("many a squandered day"), nothing in the quotation suggests an ongoing cycle of anticipation followed by regret. Instead, the speaker is simply lamenting wasted time and opportunities.

Question Difficulty: Medium

Question ID a3fb5e77

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: a3fb5e77

Some animal-behavior studies involve observing wild animals in their natural habitat, and some involve capturing wild animals and observing them in a laboratory. Each approach has advantages over the other. In wild studies, researchers can more easily presume that the animals are behaving normally, and in lab studies, researchers can more easily control factors that might affect the results. But if, for example, the results from a wild study and a lab study of Western scrub-jays (*Aphelocoma californica*) contradict each other, one or both of the studies must have failed to account for some factor that was relevant to the birds' behavior.

Which choice best states the main idea of the text?

- A. When the results of a natural-habitat study and those from a lab study of a wild animal such as the Western scrub-jay conflict, the study in the natural habitat is more likely than the lab study to have accurate results.
- B. Studying wild animals such as the Western scrub-jay in both their natural habitat and lab settings is likely to yield conflicting results that researchers cannot fully resolve.
- C. Wild animals such as the Western scrub-jay can be effectively studied in their natural habitat and in the lab, but each approach has drawbacks that could affect the accuracy of the findings.
- D. Differing results between natural-habitat and lab studies of wild animals such as the Western scrub-jay are a strong indication that both of the studies had design flaws that affected the accuracy of their results.

ID: a3fb5e77 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most accurately states the main idea of the text. The text begins by explaining that wild animals can be studied in their natural habitat or in a laboratory setting, with each setting offering unique advantages to researchers. The text then highlights an instance in which Western scrub-jays were studied in both settings but with conflicting results, indicating that one or both studies may have failed to account for the disadvantages of its research setting. Thus, the main idea of the text is that while wild animals can be effectively studied in natural or lab settings, there are drawbacks to each that need to be considered to ensure accurate results.

Choice A is incorrect because the text does not position one study setting (natural or lab) as superior to the other; rather, the text states that each one has advantages over the other. Choice B is incorrect. The text provides a hypothetical example of two studies in different environments with conflicting results, but this single example cannot be extrapolated to a general claim about the likelihood that results of studies in different environments will conflict. Additionally, the text does not assert anything about how researchers can or cannot resolve conflicting study results. Choice D is incorrect because the text does not state that discrepancies between natural-habitat and lab-based animal behavior studies are due to both of the designs being flawed. Rather, the text states that the conflict in results can be the consequence of one or both of the studies having failed to account for some factor.

Question Difficulty: Hard

Question ID 0045c234

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0045c234

Given that stars and planets initially form from the same gas and dust in space, some astronomers have posited that host stars (such as the Sun) and their planets (such as those in our solar system) are composed of the same materials, with the planets containing equal or smaller quantities of the materials that make up the host star. This idea is also supported by evidence that rocky planets in our solar system are composed of some of the same materials as the Sun.

Which finding, if true, would most directly weaken the astronomers' claim?

- A. Most stars are made of hydrogen and helium, but when cooled they are revealed to contain small amounts of iron and silicate.
- B. A nearby host star is observed to contain the same proportion of hydrogen and helium as that of the Sun.
- C. Evidence emerges that the amount of iron in some rocky planets is considerably higher than the amount in their host star.
- D. The method for determining the composition of rocky planets is discovered to be less effective when used to analyze other kinds of planets.

ID: 0045c234 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would weaken the astronomers' claim about the makeup of host stars and their planets. The text explains that because stars and planets begin forming from the same gas and dust, astronomers believe planets should be composed of the same materials as their host stars, but in equal or smaller quantities. The finding that the amount of iron in some rocky planets is much higher than the amount in their host star would weaken the astronomers' claim because it would show that some planets contain the same material as their host star, but in higher quantities.

Choice A is incorrect because a finding only about the makeup of stars, whether they've cooled or not, would provide no information about the makeup of planets. Thus, it wouldn't have any bearing on the claim that planets and their host stars are composed of the same materials in differing quantities. Choice B is incorrect because a finding about two host stars having similar proportions of certain materials wouldn't provide any information about the makeup of planets. Thus, it wouldn't be relevant to the claim that planets and their host stars are composed of the same materials in differing quantities. Choice D is incorrect because the text indicates that the astronomers' claim is based on a fact—that stars and planets begin forming from the same gas and dust in space—which would remain true regardless of the effectiveness of a method for analysis of compositions. The text does cite analysis of rocky planets in our solar system and the Sun, but only as a single piece of evidence that is consistent with the claim and not as the source of the claim; the finding that the method used for that analysis is less effective in other scenarios wouldn't weaken a claim that's based on knowledge of how stars and planets initially form.

Question Difficulty: Hard

Question ID af125459

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: af125459

Number and Origin of Clamshell Tools Found at Different Depths below the Surface in Neanderthal Cave

Depth of tools found below surface in cave (meters)	Clamshells that Neanderthals collected from the beach	Clamshells that Neanderthals harvested from the seafloor
2–3	7	0
3–4	99	33
4–5	2	0
5–6	18	7
6–7	1	0

Two kinds of clamshell tools used by Neanderthals were dug up in a cave on the western coast of Italy. Archaeologist Paola Villa and her colleagues studied the tools and determined that Neanderthals either collected clams that had washed onto the beach or harvested clams from the seafloor and then sharpened the shells to make tools. The highest number of tools made from clamshells that were collected from the beach was found at a depth of _____.

Which choice most effectively uses data from the table to complete the text?

- A. 5–6 meters below the surface.
- B. 4–5 meters below the surface.
- C. 3–4 meters below the surface.
- D. 6–7 meters below the surface.

ID: af125459 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the statement about the depth at which the highest number of tools made from clamshells that Neanderthals collected from the beach was found. The table presents the depths at which Neanderthal clamshell tools were found, and, for each depth, the number of those tools made from clamshells that washed up on the beach and the number made from clamshells harvested from the seafloor. The table indicates that the highest number made from clamshells collected from the beach was 99 and that these tools were found at a depth of 3–4 meters.

Choice A is incorrect because the table indicates that 18 tools made from clamshells collected from the beach were found at a depth of 5–6 meters, which is fewer than the 99 tools found at a depth of 3–4 meters. Choice B is incorrect because the table indicates that 2 tools made from clamshells collected from the beach were found at a depth of 4–5 meters, which is fewer than the 99 tools found at a depth of 3–4 meters. Choice D is incorrect because the table indicates that 1 tool made from clamshells collected from the beach was found at a depth of 6–7 meters, which is fewer than the 99 tools found at a depth of 3–4 meters.

Question Difficulty: Easy

Question ID 783d1388

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 783d1388

The Souls of Black Folk is a 1903 book by W.E.B. Du Bois. In the book, Du Bois suggests that upon hearing Black folk songs, he felt an intuitive and sometimes unexpected sense of cultural recognition: _____

Which quotation from *The Souls of Black Folk* most effectively illustrates the claim?

- A. “[Black folk music] still remains as the singular spiritual heritage of the nation and the greatest gift of the Negro people.”
- B. “Ever since I was a child these songs have stirred me strangely. They came out of the South unknown to me, one by one, and yet at once I knew them as of me and of mine.”
- C. “Caricature has sought again to spoil the quaint beauty of the music, and has filled the air with many debased melodies which vulgar ears scarce know from the real. But the true Negro folk-song still lives in the hearts of those who have heard them truly sung and in the hearts of the Negro people.”
- D. “The songs are indeed the siftings of centuries; the music is far more ancient than the words, and in it we can trace here and there signs of development.”

ID: 783d1388 Answer

Correct Answer: B

Rationale

Choice B is the best answer because the quotation from *The Souls of Black Folk* illustrates the claim that Du Bois felt a sense of cultural recognition when he heard Black folk songs. In the quotation, Du Bois explains that for his entire life, Black folk songs “stirred [him] strangely.” Even though they originated in the South, a region he wasn’t familiar with, he knew the songs “as of me and of mine.” That is, he identified strongly with them and associated them with his community. Therefore, Du Bois felt an intuitive sense of cultural recognition when he heard Black folk songs.

Choice A is incorrect. Although the quotation considers the cultural and spiritual value of Black folk music, it doesn’t establish that this music inspired in Du Bois a sense of cultural recognition. Choice C is incorrect because this quotation addresses the cultural survival of Black folk songs despite attempts to caricature, or parody, them, not Du Bois’s sense of cultural connection to them. Choice D is incorrect because the quotation indicates that the Black folk songs and music are old, “the siftings of centuries,” instead of addressing how Du Bois felt when he heard the songs.

Question Difficulty: Hard

Question ID cac82f9b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: cac82f9b

Biologist Natacha Bodenhausen and colleagues analyzed the naturally occurring bacterial communities associated with leaves and roots of wild *Arabidopsis thaliana*, a small flowering plant. The researchers found many of the same bacterial genera in both the plants' leaves and roots. To explain this, the researchers pointed to the general proximity of *A. thaliana* leaves to the ground and noted that rain splashing off soil could bring soil-based bacteria into contact with the leaves. Alternatively, the researchers noted that wind, which may be a source of bacteria in the aboveground portion of plants, could also bring bacteria to the soil and roots. Either explanation suggests that _____

Which choice most logically completes the text?

- A. bacteria carried by wind are typically less beneficial to *A. thaliana* than soil-based bacteria are.
- B. some bacteria in *A. thaliana* leaves and roots may share a common source.
- C. many bacteria in *A. thaliana* leaves may have been deposited by means other than rain.
- D. *A. thaliana* leaves and roots are especially vulnerable to harmful bacteria.

ID: cac82f9b Answer

Correct Answer: B

Rationale

Choice B is the best answer. Both explanations suggest that the bacteria come from the same place: either they come from the ground and make their way to the leaves, or they come from above the ground and make their way to the roots.

Choice A is incorrect. This inference isn't supported. The text never discusses any benefits of any kind of bacteria. Choice C is incorrect. This conflicts with the text. One of the theories is that the bacteria in the leaves were deposited by rain splashing off soil. Choice D is incorrect. This inference isn't supported. The text only discusses "naturally occurring" bacteria. It never mentions either the harms or benefits of these bacteria.

Question Difficulty: Medium

Question ID 56f477fb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 56f477fb

Distribution of Ecosystem Services Affected by Invasive Species by Service Type

Region (Overall)	Provisioning (75%)	Regulating (21%)	Cultural (4%)
West	73%	27%	0%
North	88%	12%	0%
South	79%	14%	7%
East	83%	6%	11%
Central	33%	67%	0%

To assess the impact of invasive species on ecosystems in Africa, Benis N. Egoh and colleagues reviewed government reports from those nations about how invasive species are undermining ecosystem services (aspects of the ecosystem on which residents depend). The services were sorted into three categories: provisioning (material resources from the ecosystem), regulating (natural processes such as cleaning the air or water), and cultural (nonmaterial benefits of ecosystems). Egoh and her team assert that countries in each region reported effects on provisioning services and that provisioning services represent the majority of the reported services.

Which choice best describes data from the table that support Egoh and colleagues' assertion?

- A. Provisioning services represent 73% of the services reported for the West region and 33% of those for the Central region, but they represent 75% of the services reported overall.
- B. None of the percentages shown for provisioning services are lower than 33%, and the overall percentage shown for provisioning services is 75%.
- C. Provisioning services are shown for each region, while no cultural services are shown for some regions.
- D. The greatest percentage shown for provisioning services is 88% for the North region, and the least shown for provisioning services is 33% for the Central region.

ID: 56f477fb Answer

Correct Answer: B

Rationale

Choice B is the best answer. The finding that all the regions reported at least some effects on provisioning services supports the first part of the assertion. And the fact that provisioning services comprise 75% of the reported services overall supports the second part of the assertion.

Choice A is incorrect. This choice doesn't fully support the assertion. It doesn't include the finding that all the regions (not just Central and West) reported at least some effects on provisioning services. Choice C is incorrect. This choice doesn't fully support the assertion. It doesn't demonstrate that provisioning services represent the majority of the reported services overall. Choice D is incorrect. This choice doesn't fully support the assertion. It doesn't demonstrate that provisioning services represent the majority of the reported services overall.

Question Difficulty: Hard

Question ID 73d457b6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 73d457b6

In the 1970s, a roughly 60,000-year-old piece of hyena bone marked with nine notches was discovered at a site in western France once inhabited by Neanderthals. Although many believe that only modern humans developed systems for notating numbers, one archaeologist asserts that this artifact may be a sign that Neanderthals also recorded numerical information. The notches on the bone are unevenly spaced but approximately parallel, and microscopic analysis reveals that they were made with a single stone tool; according to the archaeologist, this suggests that the notches were all made at one time by one individual as a means of counting something.

Which finding, if true, would most directly weaken the underlined claim?

- A. Parallel lines are a common feature in modern humans' early systems for recording numerical information.
- B. More than nine approximately parallel notches made with a different stone tool are present on another artifact found at a site in western France.
- C. It would have taken careful effort to make evenly spaced lines on bone with the stone tools typically used by Neanderthals.
- D. Decorative art discovered at another Neanderthal site in western France primarily features patterns of unevenly spaced parallel lines.

ID: 73d457b6 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The archeologist bases their claim on the fact that the hyena bone features unevenly spaced parallel notches. But if unevenly spaced parallel lines were found on "decorative art" at another Neanderthal site, it would suggest that the hyena bone is probably decorative art as well—not a counting tool.

Choice A is incorrect. This choice doesn't weaken the underlined claim. If anything, it might actually strengthen the claim: assuming we can make an inference about Neanderthals using a fact about early humans, it provides more support for the idea that the person who made the notches was counting something. Choice B is incorrect. This choice doesn't weaken the underlined claim. The fact that another artifact had parallel notches made with a different stone tool doesn't tell us anything about the use of either artifact. For all we know, they could both have been used for counting. Choice C is incorrect. This choice doesn't weaken the underlined claim. The fact that it took effort to make the lines doesn't tell us anything about what the lines were for.

Question Difficulty: Medium

Question ID fbb84fb0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: fbb84fb0

Hedda Gabler is an 1890 play by Henrik Ibsen. As a woman in the Victorian era, Hedda, the play's central character, is unable to freely determine her own future. Instead, she seeks to influence another person's fate, as is evident when she says to another character, _____

Which quotation from a translation of *Hedda Gabler* most effectively illustrates the claim?

- A. "Then what in heaven's name would you have me do with myself?"
- B. "I want for once in my life to have power to mould a human destiny."
- C. "Then I, poor creature, have no sort of power over you?"
- D. "Faithful to your principles, now and for ever! Ah, that is how a man should be!"

ID: fbb84fb0 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively illustrates the claim in the text that Hedda seeks to influence another character's fate. In the quotation, Hedda says that she wants "to have power to mould a human destiny," or shape a person's fate, just as the text indicates. Additionally, the phrase "for once in my life" suggests that Hedda feels that she has never been able to shape anyone's life, including her own, supporting the text's assertion that she "is unable to freely determine her own future."

Choice A is incorrect because this quotation shows Hedda being uncertain about what to do with her own life, not wanting to influence another person's fate. Choice C is incorrect because while this quotation shows Hedda's interest in finding out whether she has any power over another character, it doesn't clearly show that she wants to influence that person's fate. In this quotation, Hedda seems to have inferred or concluded ("then") that she doesn't have any influence over the person to whom she's speaking, and she's asking that person to confirm her lack of influence. Choice D is incorrect because this quotation expresses Hedda's belief that a man should be true to his principles, not her desire to influence another person's fate.

Question Difficulty: Medium

Question ID 24c1b7e4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ ■

ID: 24c1b7e4

Percentage Point Changes in US Federal Outlays Relative to GDP by Congressional Status

Period	Congressional status	Change in total outlays	Change in nondefense outlays	Change in defense outlays
1981–1988	divided	−0.4	−1.3	0.9
1975–1976	divided	2.7	3.0	−0.3
1977–1980	undivided	0.3	0.6	−0.3
1964–1968	undivided	1.9	1.4	0.5
1969–1974	divided	−1.8	2.1	−3.9

Economist Steve H. Hanke has shown that divided US Congresses—which occur when one party holds the majority in the House of Representatives and another holds the majority in the Senate—tend to accompany reductions in total federal outlays (spending) relative to gross domestic product (GDP), which Hanke interprets to reflect decreases in government size. Hanke calculated the percentage point change in total outlays (encompassing nondefense and defense outlays) for consecutive US Congresses. Hanke has pointed to his calculations as evidence that a divided Congress may be a necessary but not sufficient condition for a decrease in government size to occur.

Which choice best describes data from the table that support the underlined claim?

- A. The periods of undivided Congresses were associated with increases in nondefense outlays, whereas all the periods of divided Congresses except one were associated with reductions in defense outlays.
- B. All the periods of divided Congresses were associated with reductions in total outlays, although two periods were also associated with increases in nondefense outlays.
- C. The periods of undivided Congresses were associated with increases in total outlays, whereas all the periods of divided Congresses were associated with reductions in either nondefense outlays or defense outlays.
- D. All the periods of divided Congresses except one were associated with reductions in total outlays, whereas the periods of undivided Congresses were associated with increases in total outlays.

ID: 24c1b7e4 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The claim is that divided Congresses are necessary but insufficient—that is, we need divide Congresses, but they are not enough—to decrease government size, as measured by total federal outlays. This choice accurately expresses the supporting data from the “change in total outlays” part of the graph. Within the data set, divided Congresses sometimes decreased total outlays, but undivided ones never did.

Choice A is incorrect. The claim is only about government size, as measured by total federal outlays—defense and nondefense outlays aren’t relevant. Choice B is incorrect. The claim is only about government size as measured by total federal outlays—nondefense outlays aren’t relevant. Choice C is incorrect. The claim is only about government size as measured by total federal outlays—specific information about defense or nondefense outlays isn’t relevant.

Question Difficulty: Hard

Question ID 0e3b4967

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 0e3b4967

Scrapbooks of saved fabric pieces were commonly kept by women in the nineteenth-century United States, but few are as meticulously detailed as Hannah Ditzler Alspaugh's work. Alongside each piece of fabric, Alspaugh recorded intimate memories, such as dressmaking with her sister. Additionally, she listed the prices and how she used the fabric. Historians note that by representing fifty years of changing textures, patterns, and dress styles, the scrapbook is a record of nineteenth-century textiles and dressmaking as well as Alspaugh's life.

Which choice best states the main idea of the text?

- A. Alspaugh inspired other women to save pieces of fabric in scrapbooks and provide historical records of nineteenth-century fashions in the United States.
- B. Historians rely on fabric scrapbooks to understand how fashions changed throughout the nineteenth-century United States.
- C. Fabric scrapbooks were a popular hobby for many women in the nineteenth-century United States.
- D. Alspaugh's scrapbook provides a detailed account of her life and historical record of fashion trends in the nineteenth-century United States.

ID: 0e3b4967 Answer

Correct Answer: D

Rationale

Choice D is correct. The text describes how Alspaugh's scrapbook is both a record of her life and a historical record of nineteenth-century textiles and dressmaking.

Choice A is incorrect. The text says that it was common for American women to keep scrapbooks of fabric pieces in the nineteenth century, and it says that Alspaugh was one of these women. However, it never says that other women were inspired by Alspaugh. Choice B is incorrect. This is too general and too strong. The text says that Alspaugh's scrapbook is a historical record of nineteenth-century textiles and dressmaking, but it never says that historians rely on such scrapbooks in general to understand how fashions changed throughout that time period. This choice also fails to even mention Alspaugh, who is the real focus of the text. Choice C is incorrect. The text does say this, but it's a detail—not the main idea. The text is mainly about one woman's scrapbook (Alspaugh's), and this choice doesn't even mention her.

Question Difficulty: Easy

Question ID 35ec767c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 35ec767c

Corn-Related Vocabulary in Various Southeastern Languages

Language family	Word (language)	English translation	Proposed origin in vocabulary of the Totozoquean language family
Muskogean	tanchi' (Chickasaw); tanchi (Choctaw); vce (Muscogee, pronounced "uh-chi")	corn	no
Iroquoian	se-lu (Cherokee)	corn	no
Caddoan	-k'as-	dried corn	yes
Chitimacha	k'asma	corn	yes

In Caddo, a language from what is now the US Southeast, vocabulary pertaining to corn cultivation resembles equivalent vocabulary in the Totozoquean language family in Mexico. This resemblance is perhaps attributable to cultural contact: such words could have entered Caddo through the intermediary of the neighboring but unrelated Chitimacha language, concurrent with the dissemination of corn itself from Mexico into the Southeast after 700 CE. That the vocabulary pertaining to domestic crops accompanies them as they diffuse into new regions is an established phenomenon globally. Crops may also be decoupled from vocabulary altogether: corn cultivation became ubiquitous among the Southeastern tribes, yet _____

Which choice most effectively uses data from the table to complete the statement?

- A. the origins of vocabulary pertaining to the crop vary across languages in the region, with the words for corn in Cherokee and the Muskogean languages showing no demonstrable relationship to Totozoquean vocabulary.
- B. the region is linguistically diverse, being home not only to Chitimacha and Caddo, but also to the Muskogean language family (including Chickasaw, Choctaw, and Muscogee) and to one Iroquoian language (Cherokee).
- C. corn-related vocabulary underwent changes when entering other, unrelated languages, as can be seen by the divergence of the Caddo word from the Chitimacha word it originated in.
- D. words for corn in the languages of the Muskogean family evolved from a common root, with the Muscogee word having lost certain consonant sounds still present in the Chickasaw and Choctaw words.

ID: 35ec767c Answer

Correct Answer: A

Rationale

Choice A is the best answer. The table provides evidence that the words for corn in the Cherokee and Muskogean languages appear unrelated to those in Caddo language, which is described as closely related to the Totozoquean language family. This supports the claim that corn cultivation spread across the Southeast without necessarily spreading Totozoquean vocabulary along with it.

Choice B is incorrect. This choice emphasizes the diversity of Southeastern languages in general, but we're specifically looking for information about words associated with corn. Choice C is incorrect. This choice shows how words for corn can change and evolve, but we're looking for an example that shows how some words for corn can be completely unrelated. Choice D is incorrect. This choice shows words for corn that share a common root, but we're looking for an example that shows how some words for corn can be unrelated.

Question Difficulty: Hard

Question ID bcf2f169

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: bcf2f169

Ana Castillo's 1986 novel *The Mixquiahuala Letters* is a story told entirely through expressive letters from the narrator to her friend—letters that Castillo suggests could be read in several different orders. As they began reading it in class, some students remarked that they found the novel's letter format daunting and its treatment of gender relations old-fashioned. The professor, however, pointed out that the novel is written in modern-sounding language and addresses issues that still matter today, suggesting that *The Mixquiahuala Letters* _____

Which choice most logically completes the text?

- A. has more to say about gender relations than other novels from the same period.
- B. is more relevant to contemporary audiences than it may seem at first.
- C. is easier to read than many contemporary novels that focus on friendship.
- D. is best understood after multiple readings in different orders.

ID: bcf2f169 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of Ana Castillo's 1986 novel *The Mixquiahuala Letters*. The text states that the novel consists entirely of letters from the narrator to her friend—a format that some students reading the novel in a class found intimidating. According to the text, those students also found the novel's treatment of gender to be old-fashioned. In response to the students' concerns, their professor emphasized the novel's relevance: it's written in modern-sounding language and addresses issues that still matter. This, in turn, suggests that *The Mixquiahuala Letters* is more relevant to contemporary audiences than it may initially seem.

Choice A is incorrect because the professor's response to the students only mentions *The Mixquiahuala Letters*: it doesn't compare the novel to others from the same period. Choice C is incorrect because nothing in the professor's response to the students compares *The Mixquiahuala Letters* to contemporary novels about friendship. Choice D is incorrect because the professor's response to the students doesn't address the idea of reading the novel's letters multiple times and in different orders.

Question Difficulty: Medium

Question ID 303537cf

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 303537cf

The following text is adapted from Lewis Carroll's 1889 satirical novel *Sylvie and Bruno*. A crowd has gathered outside a room belonging to the Warden, an official who reports to the Lord Chancellor.

One man, who was more excited than the rest, flung his hat high into the air, and shouted (as well as I could make out) "Who roar for the Sub-Warden?" Everybody roared, but whether it was for the Sub-Warden, or not, did not clearly appear: some were shouting "Bread!" and some "Taxes!", but no one seemed to know what it was they really wanted. All this I saw from the open window of the Warden's breakfast-saloon, looking across the shoulder of the Lord Chancellor.

"What can it all mean?" he kept repeating to himself. "I never heard such shouting before—and at this time of the morning, too! And with such unanimity!"

Based on the text, how does the Lord Chancellor respond to the crowd?

- A. He asks about the meaning of the crowd's shouting, even though he claims to know what the crowd wants.
- B. He indicates a desire to speak to the crowd, even though the crowd has asked to speak to the Sub-Warden.
- C. He expresses sympathy for the crowd's demands, even though the crowd's shouting annoys him.
- D. He describes the crowd as being united, even though the crowd clearly appears otherwise.

ID: 303537cf Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a statement about how the Lord Chancellor responds to the crowd that is supported by the text. The text indicates that the people in the crowd are roaring and shouting "Bread!" or "Taxes!" and presents them as not knowing what they really want. The Lord Chancellor's response is to ask what their shouting means but also to observe that they're shouting with "unanimity," or total agreement. Clearly, this isn't the case, which supports the statement that the Lord Chancellor describes the crowd as being united even though it's not.

Choice A is incorrect because it isn't supported by the text. Although the text indicates that the Lord Chancellor asks about the meaning of the crowd's shouting, it doesn't suggest that he knows what the crowd really wants. Choice B is incorrect because the text doesn't suggest that the Lord Chancellor wants to speak to the crowd. Furthermore, the text doesn't indicate that the crowd wants to hear from the Sub-Warden. Although the crowd roars when asked "Who roar for the Sub-Warden?" it's unclear what the roaring means. Choice C is incorrect because the text doesn't suggest that the Lord Chancellor knows of or sympathizes with the crowd's demands. In addition, the text doesn't indicate that the crowd's shouting annoys the Lord Chancellor, just that it causes him to keep repeating "What can it all mean?"

Question Difficulty: Hard

Question ID 22b3da87

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 22b3da87

During the Bourbon Restoration in France (1814–1830), the right to vote required in part that a person paid at least 300 francs in direct taxes to the government. The four most common taxes (the *quatre vieilles*) were levied on real estate (both land and buildings); the doors and windows in taxpayer homes; the rental values of homes; and the businesses of artisans and merchants. (Foreign investments were either exempt from taxation or taxed lightly.) Although relatively few people paid the tax on real estate, it was the main means of voter qualification and accounted for over two-thirds of government receipts during this period, suggesting that during the Bourbon Restoration _____

Which choice most logically completes the text?

- A. those people who had the right to vote most likely had substantial holdings of French real estate.
- B. the voting habits of French artisans and merchants were effective in reducing tax burdens on businesses.
- C. the number of doors and windows in French residences was kept to a minimum but increased after 1830.
- D. French people with significant foreign investments were unlikely to have the right to vote.

ID: 22b3da87 Answer

Correct Answer: A

Rationale

Choice A is the best answer. We're told that people needed to pay "at least 300 francs in direct taxes" to be able to vote. We're also told that, while "relatively few people paid the tax on real estate," real estate taxes were both the main way people qualified to vote and the main source of revenue for the government. Based on this, we can infer that those who did qualify to vote likely had significant French real estate holdings.

Choice B is incorrect. The passage doesn't mention the voting habits of artisans and merchants nor any reduction in tax burdens on businesses, so there's no basis for this inference. Choice C is incorrect. Although we know that doors and windows were taxed during the Bourbon Restoration, we don't have enough information to infer if doors and windows increased after this time. Choice D is incorrect. Although we know that foreign investments were only minimally taxed, we don't have enough information to determine if those with significant foreign investments were unlikely to have voting rights. For example, it's possible that those with significant foreign investments were likely to also be people with significant domestic investments which they did pay taxes on, so we don't have the information necessary to make this inference.

Question Difficulty: Hard

Question ID 5105ca38

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 5105ca38

Several artworks found among the ruins of the ancient Roman city of Pompeii depict a female figure fishing with a cupid nearby. Some scholars have asserted that the figure is the goddess Venus, since she is known to have been linked with cupids in Roman culture, but University of Leicester archaeologist Carla Brain suggests that cupids may have also been associated with fishing generally. The fact that a cupid is shown near the female figure, therefore, _____

Which choice most logically completes the text?

- A. is not conclusive evidence that the figure is Venus.
- B. suggests that Venus was often depicted fishing.
- C. eliminates the possibility that the figure is Venus.
- D. would be difficult to account for if the figure is not Venus.

ID: 5105ca38 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the conclusion that most logically completes the text's discussion about the significance of the cupid found at Pompeii. The text indicates that the cupid is near a statue of a female figure who is fishing, and it goes on to indicate that because Venus is associated with cupids, some scholars believe the female figure to be the goddess Venus. But the text then says that, according to archaeologist Carla Brain, cupids may have also been associated with the activity of fishing, which, if true, would suggest that the mere appearance of a cupid near a female figure engaged in fishing does not indicate with certainty that the figure is Venus (that is, the cupid might be associated with fishing, and the figure might be anyone at all).

Choice B is incorrect because the text says nothing about how often Venus was depicted fishing in Roman art: it only implies that in certain instances a female figure may or may not be Venus. Choice C is incorrect because Carla Brain's proposed explanation for the presence of the cupids makes no reference to the female figure, and so the possibility that the figure in the artworks is in fact Venus cannot be definitively eliminated. Choice D is incorrect because there is nothing in the text to suggest that the only reasonable way to interpret the figure is as Venus.

Question Difficulty: Medium

Question ID d8758c3b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d8758c3b

Psychologists wanted to test how young children think about rewards and fairness. In an experiment, two teachers handed out rewards while children (ages four to six) watched. The teachers gave out the same number of rewards, but one of them counted the rewards out loud. The children were then asked who was fairer. 73% chose the teacher who counted. The psychologists think that counting showed the children that the teacher wanted to be fair. The children may have believed that the teacher who did not count did not care about fairness.

Which choice best states the main idea of the text?

- A. Psychologists think children cannot understand the concept of fairness until they are six years old.
- B. An experiment found that counting out loud is the best way to teach mathematical concepts to children.
- C. Psychologists think young children expect to be rewarded when the children show that they care about fairness.
- D. An experiment showed that the way rewards are given out may affect whether young children think the situation is fair.

ID: d8758c3b Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text describes a study assessing how children think of rewards and fairness and its results. It concludes that the children in the study may have thought that a teacher who counted out loud when giving rewards cared more about fairness than a teacher who did not count out loud.

Choice A is incorrect. The children in the study are described as being “four to six,” and the text doesn’t mention any differences among the different ages. Choice B is incorrect. The experiment wasn’t about teaching math—rather, it was about how counting out loud affected the children’s perception of fairness. Choice C is incorrect. The experiment doesn’t focus on whether the children care about fairness, and the text never mentions the children’s expectations of being rewarded.

Question Difficulty: Easy

Question ID dc5edbf6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: dc5edbf6

Microplastics are pieces of plastic that are smaller than a grain of rice. These small plastics can be found in large quantities in ocean waters. Ecologist Jessica Reichert and her team are studying the role reef-building corals have in capturing microplastics from ocean waters. Through research, her team has found that these corals may be storing up to 20 million kilograms of microplastics each year in their skeletons and tissues.

Which choice best states the main idea of the text?

- A. Ecologists are interested in learning more about how certain corals build large reefs.
- B. Questions remain around the impact certain corals have on ocean ecosystems.
- C. Microplastics are small pieces of plastic that can be found in ocean waters.
- D. Ecologists predict that corals store large amounts of microplastics from ocean waters.

ID: dc5edbf6 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text describes a study about how reef-building corals capture microplastics from ocean waters, which found that these corals are storing 20 million kilograms of microplastics in their skeletons and tissues.

Choice A is incorrect. While the researchers are studying “reef-building corals,” the focus of their study isn’t how the corals build the reefs. Rather, they’re studying how corals may be storing microplastics from ocean waters. Choice B is incorrect. The text doesn’t mention any unanswered questions about the impact of corals on ocean ecosystems—rather, the study assesses one interaction between corals and microplastics. Choice C is incorrect. The text does say this, but it’s a detail—not the main idea. The main idea of the text is about the study that found that corals may be storing microplastics from ocean waters in their skeletons and tissues.

Question Difficulty: Easy

Question ID b62cb782

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: b62cb782

Culinary anthropologist Vertamae Smart-Grosvenor may be known for her decades of work in national public television and radio, but her book *Vibration Cooking: or, the Travel Notes of a Geechee Girl* is likely her most influential project. The 1970 book, whose title refers to Smart-Grosvenor's roots in the Low Country of South Carolina, was unusual for its time. It combined memoir, recipes, travel writing, and social commentary and challenged notions about conventions of food and cooking. Long admired by many, the book and its author have shaped contemporary approaches to writing about cuisine.

Which choice best describes the main idea of the text?

- A. Smart-Grosvenor's unconventional book *Vibration Cooking: or, the Travel Notes of a Geechee Girl* is an important contribution to food writing.
- B. Smart-Grosvenor held many different positions over her life, including reporter and food writer.
- C. Smart-Grosvenor's groundbreaking book *Vibration Cooking: or, the Travel Notes of a Geechee Girl* didn't receive the praise it deserved when it was first published in 1970.
- D. Smart-Grosvenor was a talented chef whose work inspired many people to start cooking for themselves.

ID: b62cb782 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately states the main idea of the text. The text describes the book *Vibration Cooking: or, the Travel Notes of a Geechee Girl* as Smart-Grosvenor's "most influential project" and as "unusual for its time." The text also notes that the book and author have influenced contemporary approaches to writing about food and cooking. Therefore, the text mainly conveys that *Vibration Cooking: or, the Travel Notes of a Geechee Girl* is an unconventional and important contribution to food writing.

Choice B is incorrect. Although the text mentions that Smart-Grosvenor worked in national public television and radio and was a food writer, these details aren't the main focus. Rather than focusing on Smart-Grosvenor's various jobs, the text focuses specifically on one specific book she wrote. Choice C is incorrect. Although the text suggests that *Vibration Cooking: or, the Travel Notes of a Geechee Girl* was groundbreaking, it doesn't suggest that the book didn't receive praise when it was published. In fact, the text states that the book is "long admired." Choice D is incorrect because the text states that Smart-Grosvenor was a culinary anthropologist and that her book influenced later approaches to food writing but doesn't indicate that Smart-Grosvenor or her book influenced people to begin cooking for themselves.

Question Difficulty: Medium

Question ID 299c5303

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 299c5303

As the name suggests, dramaturges originated in theater, where they continue to serve a variety of functions: conducting historical research for directors, compiling character biographies for actors, and perhaps most importantly, helping writers of plays and musicals to hone the works' stories and characters. Performance scholar Susan Manning observes that many choreographers, like playwrights and musical theater writers, are concerned with storytelling and characterization. In fact, some choreographers describe the dances they create as expressions of narrative through movement; it is therefore unsurprising that _____

Which choice most logically completes the text?

- A. dramaturges can have a profound impact on the artistic direction of plays and musicals.
- B. choreographers developing dances with narrative elements frequently engage dramaturges to assist in refining those elements.
- C. dances by choreographers who incorporate narrative elements are more accessible to audiences than dances by choreographers who do not.
- D. some directors and actors rely too heavily on dramaturges to complete certain research tasks.

ID: 299c5303 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Dramaturges help playwrights with storytelling and characterization. Choreographers often tell stories through dance, so they are also concerned with storytelling and characterization. This suggests that the fact that choreographers seek the help of dramaturges with the storytelling aspects of their dances should be "unsurprising."

Choice A is incorrect. This inference isn't supported. The beginning of the text does imply that this is true, but the end is leading to a conclusion about how choreographers use dramaturges. Choice C is incorrect. This inference isn't supported. The text never mentions dances by choreographers who don't incorporate narrative elements. Choice D is incorrect. This inference isn't supported. The text mentions in passing that directors use dramaturges to conduct research, but it never suggests that directors and actors are too reliant on them. Also, the text is leading to a conclusion about how choreographers use dramaturges.

Question Difficulty: Medium

Question ID 378c66d5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 378c66d5

A member of the Otomi, an Indigenous people in Central Mexico, Octavio Medellín immigrated to the United States as a child, and his sculpture bears the impress of traditions on both sides of the border: US-based modernist sculpture, Mexican modernist painting, Otomi art, and the ancient sculpture of other Mexican Indigenous peoples, including the Maya. In his 1950 masterpiece *History of Mexico*, Medellín fuses these influences into a style so idiosyncratic that it resists efforts to view his work through the lens of nationality or cultural identity. Artists, he insisted, should strive for individual expression, even as they draw inspiration from their heritage and the communities where they live and work.

Which quotation from an art critic most directly challenges the underlined claim in the text?

- A. "Although a number of ancient Indigenous artistic traditions pictured human forms in profile, the forms populating the surface of *A History of Mexico* suggest a specifically Maya influence."
- B. "In *A History of Mexico*, the synthesis of ancient and modernist traditions functions as a stylistic parallel to the work's subject matter: a survey of centuries of Mexican history."
- C. "Many critics focus on Indigenous influences in *A History of Mexico* and other key works by Medellín to the exclusion of influences from non-Indigenous art."
- D. "While *A History of Mexico* features modernist motifs, it relies primarily on angular human forms in profile—a staple of Maya sculpture—and thus invites classification as Indigenous art."

ID: 378c66d5 Answer

Correct Answer: D

Rationale

Choice D is the best answer. This critic challenges the claim by arguing that *A History of Mexico* is not so idiosyncratic (unique) as to resist classification because its use of Maya-style human profiles actually "invites classification as Indigenous art." Therefore, according to this critic, the work can be viewed, at least partially, through a lens of national or cultural identity.

Choice A is incorrect. While it describes the Maya influence on a particular aspect of *A History of Mexico*, this quotation doesn't push back on Medellín's "idiosyncratic" (unique) style, nor does it try to categorize the entire work into a single cultural tradition. Choice B is incorrect. This choice doesn't directly challenge the underlined claim, but rather supports it. It suggests that the work effectively blends a variety of artistic products to create a single work that can't be defined by any one tradition. Instead, the work recalls many centuries of history and culture all at once. Choice C is incorrect. This choice supports rather than challenges the underlined claim. The quotation argues that other critics focus too much on Indigenous influences on the artwork instead of viewing all of the influences equally—that they should instead be viewing the work as an idiosyncratic whole instead of through one or two narrow cultural lenses.

Question Difficulty: Hard

Question ID 7c9a65bb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 7c9a65bb

Optical tweezers are specialized scientific tools—particularly useful in biology and medicine—that use high-powered beams of light to trap and manipulate minuscule particles for study. Use of the tool has led to several scientific and medical breakthroughs over the last few decades, but the particles are often under prolonged exposure to the intense heat of the light beams. To overcome the risk of overheating, and thereby damage, researchers sometimes attach nano-sized glass beads to particles, allowing the light to focus on the beads instead of the particles.

Based on the text, what is one advantage of attaching glass beads to particles when using optical tweezers?

- A. It decreases the time it takes for the optical tweezers to locate and capture the particles.
- B. It facilitates the maneuvering of particles without directly heating the particles themselves.
- C. It allows researchers to use weaker light beams to manipulate particles.
- D. It adds a material to which particles can transfer any heat absorbed from the optical tweezers' light beam.

ID: 7c9a65bb Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text says that the glass beads get the "focus" of the light beams so that the particles don't overheat. From this, we can infer that the beads allow the particles to be manipulated without being directly heated by the light beams.

Choice A is incorrect. The text never says that attaching the glass beads saves time in any way. Choice C is incorrect. The text never says that attaching the glass beads allows researchers to use weaker light beams. Choice D is incorrect. The text doesn't say that the particles can transfer heat to the glass beads—rather, it says the heat from the light focuses on the glass beads instead of the particles.

Question Difficulty: Hard

Question ID 409058ee

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 409058ee

To protect themselves when being attacked, hagfish—jawless marine animals that resemble eels—will release large quantities of slimy, mucus-like threads. Because these threads are unusually strong and elastic, scientist Atsuko Negishi and her colleagues have been trying to recreate them in a lab as an eco-friendly alternative to petroleum-based fibers that are often used in fabrics. The researchers want to reproduce the threads in the lab because farming hagfish for their slime would be expensive and potentially harmful to the hagfish.

Which choice best states the text's main idea?

- A. The slimy threads that hagfish release might help researchers create a new kind of fabric.
- B. Hagfish have inspired researchers to develop a new petroleum-based fabric.
- C. Hagfish are not well suited to being raised in captivity.
- D. The ability of hagfish to slime their attackers compensates for their being jawless.

ID: 409058ee Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text first describes hagfish slime and its properties, then it transitions to talking about the possibilities of using lab-made equivalents to use in eco-friendly fabrics.

Choice B is incorrect. The text says the opposite of this choice. The researchers are developing an alternative to petroleum-based fabric. Choice C is incorrect. This choice is too narrow to be the main point of the text. Only one line describes how farming would be “potentially harmful” to the hagfish. Choice D is incorrect. This choice isn’t supported by the text. We don’t know from the text whether being jawless makes the hagfish more vulnerable.

Question Difficulty: Medium

Question ID 7ffae38a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 7ffae38a

The following text is adapted from Jack London's 1903 novel *The Call of the Wild*. Buck is a sled dog living with John Thornton in Yukon, Canada.

Thornton alone held [Buck]. The rest of mankind was as nothing. Chance travellers might praise or pet him; but he was cold under it all, and from a too demonstrative man he would get up and walk away. When Thornton's partners, Hans and Pete, arrived on the long-expected raft, Buck refused to notice them till he learned they were close to Thornton; after that he tolerated them in a passive sort of way, accepting favors from them as though he favored them by accepting.

Which choice best states the main idea of the text?

- A. Buck has become less social since he began living with Thornton.
- B. Buck mistrusts humans and does his best to avoid them.
- C. Buck has been especially well liked by most of Thornton's friends.
- D. Buck holds Thornton in higher regard than any other person.

ID: 7ffae38a Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately states the main idea of the text. After establishing that Buck views most people "as nothing," the text explains that Buck won't acknowledge people other than Thornton unless they appear friendly toward Thornton, and even then he's only reluctantly accepting. Thus, the text focuses on the idea that Thornton has a special status in Buck's mind, with Buck holding him in higher regard than other people.

Choice A is incorrect because the text conveys that Buck isn't social with people other than Thornton but doesn't address Buck's life or temperament before he lived with Thornton. Choice B is incorrect because the text conveys that Buck doesn't really care about people other than Thornton and is aloof toward them. However, there's no indication that Buck mistrusts and avoids people generally; indeed, he accepts Thornton, who is a human. Choice C is incorrect because the text refers to random travelers praising and petting Buck and Thornton's partners giving Buck favors, but there's no indication that any of these people are Thornton's friends or that they have a particular fondness for Buck.

Question Difficulty: Medium

Question ID b4cda84d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: b4cda84d

In 1967 the US Congress created the Corporation for Public Broadcasting, which in turn created National Public Radio (NPR). NPR began producing and distributing high-quality news and cultural programming to affiliate stations across the United States in 1971. In a research paper, a student claims that the Corporation for Public Broadcasting and NPR were inspired by the British Broadcasting System (BBC), which had been established in the 1920s.

Which quotation from a work by a historian would be the most effective evidence for the student to include in support of this claim?

- A. "Although the BBC had begun as a private corporation, politicians successfully argued to make it a public company because they believed a public broadcaster could help build national unity in the aftermath of World War I."
- B. "For many decades, the BBC had no competition since it held Britain's only broadcasting license, whereas in the United States, the Corporation for Public Broadcasting launched NPR in a broadcasting market already filled with competitors."
- C. "Congress's embrace of publicly funded broadcasting reflected a common belief among US politicians that the role of government was not only to ensure people's safety and liberty but also to enrich people's lives in other ways."
- D. "The goal of the BBC was to support British democracy by promoting an informed citizenry, and US legislators believed that ensuring access to high-quality programming could do the same for democracy in the United States."

ID: b4cda84d Answer

Correct Answer: D

Rationale

Choice D is the best answer because this quotation would be the most effective evidence to include in support of the claim that the Corporation for Public Broadcasting and NPR were inspired by the British Broadcasting System (BBC). The quotation states that the goal of the BBC was to support British democracy and that US legislators believed high-quality programming could accomplish the same goal for democracy in the United States. In other words, US legislators looked to the BBC as a model, taking direct inspiration from it when they created the Corporation for Public Broadcasting, which in turn created NPR.

Choice A is incorrect because this quotation provides historical information about the BBC, not information about the inspiration for the creation of the Corporation for Public Broadcasting and NPR. This quotation, therefore, is irrelevant to the student's claim that the BBC inspired the creation of the Corporation for Public Broadcasting, which in turn created NPR. Choice B is incorrect because this quotation contrasts the lack of competition faced by the BBC with the substantial competition faced by NPR, which has no bearing on the student's claim that the Corporation for Public Broadcasting and NPR were inspired by the BBC. Choice C is incorrect because this quotation focuses on a common belief among US politicians that inspired Congress's embrace of publicly funded broadcasting. The quotation doesn't say anything about the BBC and therefore doesn't support the claim that the BBC inspired Congress to create the Corporation for Public Broadcasting, which in turn created NPR.

Question Difficulty: Medium

Question ID 5b4829d2

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 5b4829d2

Researchers wanted to study how consumers' reactions to an ad may be affected by other ads. The researchers began by showing study participants an ad for a product, with some seeing a less detailed ad and others seeing a more detailed one. Then, all participants viewed the same second ad for a store and shared their opinion of the store based on this second ad. Participants who had first seen an ad less detailed than the second ad had a higher opinion of the store than the participants who had first seen a more detailed ad. The researchers concluded that reactions to an ad may be affected by _____

Which choice most logically completes the text?

- A. the number of people who viewed the ad.
- B. the length of time viewing previous ads.
- C. the amount of detail viewed in previous ads.
- D. the time of day that the ad is viewed.

ID: 5b4829d2 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The passage tells us that participants who had seen a less detailed ad for a product beforehand had a higher opinion of the store than those who had seen a more detailed ad. This suggests that reactions to an ad may be affected by the amount of detail viewed in previous ads.

Choice A is incorrect. The passage doesn't mention the number of people who viewed the ad, so there's no basis for this inference. Choice B is incorrect. The passage doesn't mention the length of time viewing previous ads, so there's no basis for this inference. Choice D is incorrect. The passage doesn't mention the time of day that the ad is viewed, so there's no basis for this inference.

Question Difficulty: Easy

Question ID 94978129

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 94978129

Approximate Rates of Speech and Information Conveyed for Five Languages

Language	Rate of speech (syllables per second)	Rate of information conveyed (bits per second)
Serbian	7.2	39.1
Spanish	7.7	42.0
Vietnamese	5.3	42.5
Thai	4.7	33.8
Hungarian	5.9	34.6

A group of researchers working in Europe, Asia, and Oceania conducted a study to determine how quickly different Eurasian languages are typically spoken (in syllables per second) and how much information they can effectively convey (in bits per second). They found that, although languages vary widely in the speed at which they are spoken, the amount of information languages can effectively convey tends to vary much less. Thus, they claim that two languages with very different spoken rates can nonetheless convey the same amount of information in a given amount of time.

Which choice best describes data from the table that support the researchers' claim?

- A. Among the five languages in the table, Thai and Hungarian have the lowest rates of speech and the lowest rates of information conveyed.
- B. Vietnamese conveys information at approximately the same rate as Spanish despite being spoken at a slower rate.
- C. Among the five languages in the table, the language that is spoken the fastest is also the language that conveys information the fastest.
- D. Serbian and Spanish are spoken at approximately the same rate, but Serbian conveys information faster than Spanish does.

ID: 94978129 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it provides the most direct support from the table for the claim that two languages can convey similar amounts of information even if they're spoken at different rates. The table shows the approximate rates at which five languages are spoken and the rates at which those five languages convey information. Vietnamese is spoken at around 5.3 syllables per second, whereas Spanish is spoken at around 7.7 syllables per second, but the two languages convey information at very similar rates: Vietnamese at a rate of around 42.5 bits per second and Spanish at a rate of around 42.0 bits per second. Thus, the description of Vietnamese conveying information at around the same rate that Spanish does despite being spoken more slowly supports the claim in the text that languages can convey the same amount of information even if spoken at different rates.

Choice A is incorrect because it isn't true that Thai and Hungarian have the lowest rates of speech of the five languages shown. According to the table, Hungarian is spoken at around 5.9 syllables per second, which is faster than Vietnamese (5.3 syllables per second). Additionally, even if this statement were true, the assertion that two languages are spoken the slowest and convey information the slowest wouldn't support the claim that languages can convey the same amount of information even if they're spoken at different rates. Choice C is incorrect because it isn't true that the fastest-spoken language (Spanish, at 7.7 syllables per second) also conveys information the fastest: Spanish conveys information at 42.0 bits per second, which is slower than the 42.5 bits-per-second rate at which Vietnamese conveys information. Additionally, even if this statement were true, the assertion that the language spoken the fastest also conveys information the fastest has no bearing on the claim that languages can convey the same amount of information even if they're spoken at different rates. Choice D is incorrect because it isn't true that Serbian conveys information faster than Spanish does. According to the table, Serbian conveys information at a rate of around 39.1 bits per second, which is slower than the 42.0 bits-per-second rate at which Spanish conveys information.

Question Difficulty: Medium

Question ID 5ff1ba73

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 5ff1ba73

Guilds in French Cities in the Late Eighteenth Century

City	Date	Inhabitants	Number of guilds	Inhabitants per guild
Paris	1766	600,000	133	4,511
Bordeaux	1762	80,000	49	1,633
Rouen	1775	74,000	112	661
Lyon	1789	143,000	72	1,986

Guilds—local associations of artisans and merchants in the same industry—were widespread in France from the medieval period until the late eighteenth century. But guilds were much more numerous relative to the population in some cities than in others: for example, _____

Which choice most effectively uses data from the table to complete the statement?

- A. there were 49 guilds in Bordeaux but 72 guilds in Lyon despite the two cities having nearly equal numbers of inhabitants.
- B. Lyon had far fewer inhabitants than Paris did but had many more guilds.
- C. there was one guild for every 661 inhabitants in Rouen but one guild for every 4,511 inhabitants in Paris.
- D. Paris had 133 guilds and 600,000 inhabitants, or one guild for every 4,511 inhabitants.

ID: 5ff1ba73 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The claim we're trying to prove is that guilds were much more numerous relative to population in some cities than others. This choice describes the guilds per number of inhabitants in two cities (Rouen and Paris), showing significant differences between guilds relative to population in these cities.

Choice A is incorrect. This choice misreads the table. Bordeaux had 80,000 inhabitants, according to the table, while Lyon had 143,000, so it isn't correct to say that they had "nearly equal numbers of inhabitants." Lyon had almost twice as many inhabitants. Choice B is incorrect. This choice misreads the table. Although Lyon did have fewer inhabitants than Paris, it didn't have more guilds—Paris had 133 guilds versus Lyon's 72. Choice D is incorrect. This choice doesn't support the claim. To show that guilds were more numerous relative to population in some cities than others, we would need to compare at least two cities, and this choice only mentions one.

Question Difficulty: Easy

Question ID 9abc3ba5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 9abc3ba5

"Gestures" in painting are typically thought of as bold, expressive brushstrokes. In the 1970s, American painter Jack Whitten built a 12-foot (3.7-meter) tool he named the "developer" to apply paint to an entire canvas in one motion, resulting in his series of "slab" paintings from that decade. Whitten described this process as making an entire painting in "one gesture," signaling a clear departure from the prevalence of gestures in his work from the 1960s. Some art historians claim this shift represents "removing gesture" from the process. Therefore, regardless of whether using the developer constitutes a gesture, both Whitten and these art historians likely agree that _____

Which choice most logically completes the text?

- A. any tool that a painter uses to create an artwork is capable of creating gestures.
- B. Whitten's work from the 1960s exhibits many more gestures than his work from the 1970s does.
- C. Whitten became less interested in exploring the role of gesture in his work as his career progressed.
- D. Whitten's work from the 1960s is much more realistic than his work from the 1970s is.

ID: 9abc3ba5 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Whitten thinks the tool made "one gesture" paintings, while historians think the tool "removed gesture" from the process completely. But putting that debate aside, both Whitten and the historians would agree that the paintings he made with the tool in the '70s have way fewer gestures than his paintings from the '60s, in which gestures are "prevalent," meaning widely and extensively present.

Choice A is incorrect. This inference isn't supported. The text only discusses the "developer"—it never mentions other tools. Choice C is incorrect. This inference isn't supported. If anything, the text suggests the opposite: that Whitten became more interested in exploring the role of gesture in his work as his career progressed, as his earlier paintings had many gestures, and his '70s paintings only had "one gesture." Choice D is incorrect. This inference isn't supported. The text never discusses the "realism" of Whitten's art.

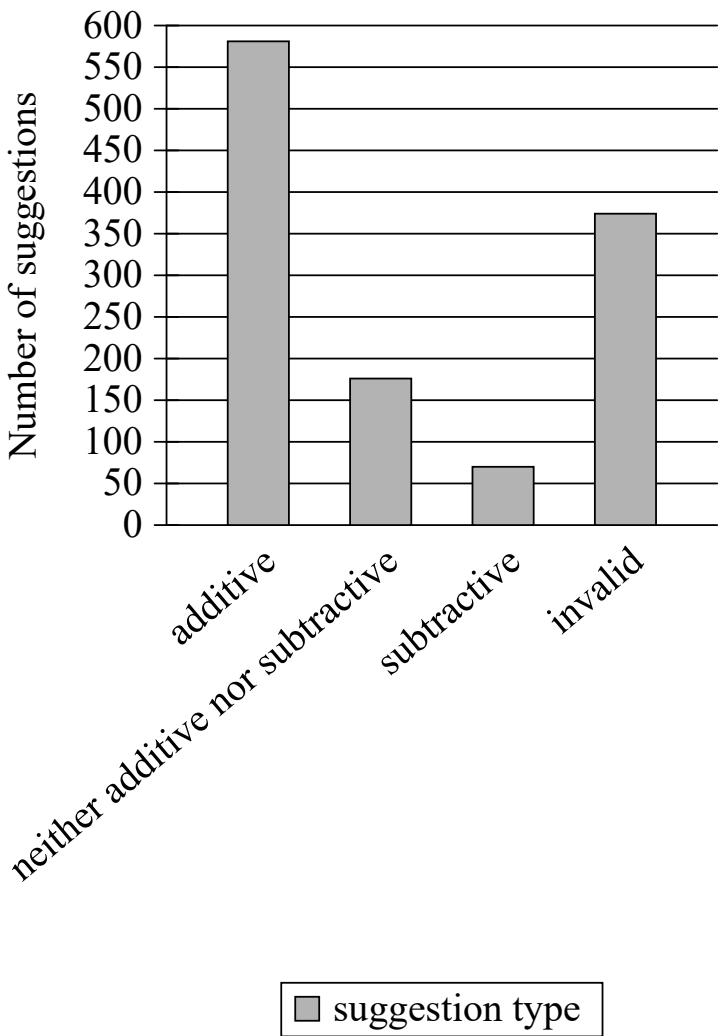
Question Difficulty: Hard

Question ID 23e2421a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 23e2421a

Suggestions for Improving a University



□ suggestion type

Gabrielle Adams and colleagues reviewed suggestions for improving a university that had been submitted to the university's president. They coded each suggestion as additive (the idea suggested adding something new to the university), subtractive (the idea suggested removing something from the university), neither additive nor subtractive, or invalid (the idea was not comprehensible). The data illustrated people's tendency to overlook the possibility of removing things to achieve improvements: _____

Which choice most effectively uses data in the graph to complete the statement?

- A. around 175 suggestions were coded as neither additive nor subtractive, whereas around 575 suggestions were coded as additive.
- B. more than 350 suggestions were coded as invalid, whereas fewer than 100 suggestions were coded as subtractive.
- C. fewer than 100 suggestions were coded as subtractive, whereas more than 550 suggestions were coded as additive.
- D. around 575 suggestions were coded as additive, whereas around 175 suggestions were coded as subtractive.

ID: 23e2421a Answer

Correct Answer: C

Rationale

Choice C is the best answer. This choice shows that people suggested removing things to achieve improvements a lot less often than they suggested adding things, which supports the claim that people tend not to think of removing things as a likely way to improve the university.

Choice A is incorrect. This choice doesn't support the claim. We are looking to prove that people suggested subtractive means of achieving improvements less often than other means, but this choice doesn't address how often people made subtractive suggestions. Choice B is incorrect. This choice doesn't support the claim. Invalid responses were incomprehensible, so we can't compare what they were suggesting to what was being suggested in subtractive responses. Choice D is incorrect. This choice misreads the graph. Fewer than 100 suggestions were coded as subtractive. 175 is the approximate number of suggestions coded as "neither additive or subtractive."

Question Difficulty: Medium

Question ID 7254379e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 7254379e

Some residents in a neighborhood in Atlanta recently founded a community garden inside a local park. The residents agreed to volunteer to take care of the garden together. Students at a local high school surveyed some of the volunteers as part of a project to understand the impact of the new garden. The students concluded that the new garden benefited the community overall by fostering connections and relationships between the volunteers and other residents of the neighborhood who weren't volunteering at the garden.

Which quotation from a survey respondent would best illustrate the students' conclusion?

- A. "Our first challenge was deciding what plants would be most suitable to the climate and soil here in Atlanta. We needed plants that could survive the hot and humid summers."
- B. "We're lucky to have a few expert gardeners living in the neighborhood. Some volunteers and I have gone to them a few times with questions, and they've been eager to help us and to learn more about the project."
- C. "I love getting the opportunity to be outside and around nature, especially on days when the weather is nice."
- D. "My favorite thing about the garden is the feeling of pride I get when I walk by each day. As I see the plants growing, I feel good knowing I had a small part in creating this beautiful space in the neighborhood."

ID: 7254379e Answer

Correct Answer: B

Rationale

Choice B is the best answer. This choice shows how volunteers have been interacting with nonvolunteer neighbors and benefiting from their gardening expertise: proof of the connections enabled by the garden.

Choice A is incorrect. This volunteer describes the challenges of developing the garden, which isn't connected to the conclusion about the garden fostering connections between volunteers and neighbors. Choice C is incorrect. While the volunteer expresses enthusiasm for the garden, they don't mention any interactions with other people, which is what the students need to show for their conclusion. Choice D is incorrect. The respondent enjoys and takes pride in the garden, but they don't mention interacting with neighbors or other volunteers.

Question Difficulty: Easy

Question ID cf3acc50

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: cf3acc50

Compiled in the late 1500s largely through the efforts of Indigenous scribes, *Cantares Mexicanos* is the most important collection of poetry in Classical Nahuatl, the principal language of the Aztec Empire. The poems portray Aztec society before the occupation of the empire by the army of Spain, and marginal notes in *Cantares Mexicanos* indicate that much of the collection's content predates the initial invasion. Nonetheless, some of the poems contain inarguable references to beliefs and customs common in Spain during this era. Thus, some scholars have concluded that _____

Which choice most logically completes the text?

- A. while its content largely predates the invasion, *Cantares Mexicanos* also contains additions made after the invasion.
- B. although those who compiled *Cantares Mexicanos* were fluent in Nahuatl, they had limited knowledge of the Spanish language.
- C. before the invasion by Spain, the poets of the Aztec Empire borrowed from the literary traditions of other societies.
- D. the references to beliefs and customs in Spain should be attributed to a coincidental resemblance between the societies of Spain and the Aztec Empire.

ID: cf3acc50 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text. The text explains that the *Cantares Mexicanos* contains poems about the Aztec Empire from before the Spanish invasion. Furthermore, it indicates that notes in the collection attest that some of these poems predate the Spanish invasion, while some customs depicted are likely Spanish in origin. The implication is that some poems were composed before the invasion but the references to Spanish customs could have come about only after the invasion, and thus that the collection includes content that predates the invasion and also content from after the invasion.

Choice B is incorrect because the text clearly indicates that the collection is in Nahuatl, not Spanish, so the compilers' unfamiliarity with Spanish is irrelevant to whether the collection contains material composed after the Spanish invasion. Choice C is incorrect because the text mentions only the Aztec Empire and Spain: there is no information about the relationship of Aztec literature to any traditions other than its own or Spain's. Choice D is incorrect because the text states that some of the poems make "inarguable references" to common Spanish customs, which conflicts with the idea that these references can reasonably be attributed to mere coincidence.

Question Difficulty: Hard

Question ID bcbcc43f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: bcbcc43f

The ancient Sumerian civilization formed around 4000 BCE between two large rivers in an area that is now Iraq and Syria. The extremely hot and sunny weather in that area helped crops grow very quickly, but it also made it hard to keep the crops from drying up and dying. So, the Sumerians used water from the rivers in their farming. That method worked so well that they often could harvest even more crops than they needed in a season. As a result, the Sumerians _____

Which choice most logically completes the text?

- A. harvested crops only on the hottest days of each season.
- B. found ways to shield their crops from the sun.
- C. did not begin farming until long after 4000 BCE.
- D. were able to store extra crops for later use.

ID: bcbcc43f Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents the conclusion that most logically completes the text's discussion of Sumerian civilization and crop growth. The text mentions the hot, sunny weather in the area where the Sumerians lived, which made crops grow quickly but also made it difficult to keep them alive. The Sumerians solved this problem by using river water for their farming—as a result, they often harvested more crops than were needed in a season. It follows that the Sumerians must have needed to find something to do with the surplus crops—that is, they stored the extra crops for later use.

Choice A is incorrect because it doesn't logically follow that a surplus in crops would lead the Sumerians to choose only certain days of the season to harvest. Nor is there any indication in the text that the Sumerians improved their farming methods with the goal of reducing the time spent farming. Choice B is incorrect because the text doesn't suggest that the Sumerians tried to shield their crops from the sun: in fact, the text indicates that the sunny weather helped crops grow very quickly and that the Sumerians used river water to allow crops to be exposed to the sun without dying. Choice C is incorrect. Having a surplus of crops wouldn't have caused the Sumerians to begin farming until long after 4000 BCE: in fact, since the text indicates that the Sumerian civilization formed around 4000 BCE and farming was a part of that civilization, the statement that Sumerians only began farming long after 4000 BCE isn't supported by the text.

Question Difficulty: Medium

Question ID d2e0cba5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d2e0cba5

In a study of new technology adoption, Davit Marikyan et al. examined negative disconfirmation (which occurs when experiences fall short of one's expectations) to determine whether it could lead to positive outcomes for users. The team focused on established users of "smart home" technology, which presents inherent utilization challenges but tends to attract users with high expectations, often leading to feelings of dissonance. The researchers found that many users employed cognitive mechanisms to mitigate those feelings, ultimately reversing their initial sense of disappointment.

Which choice best states the main idea of the text?

- A. Research suggests that most users of smart home technology will not achieve a feeling of satisfaction given the utilization challenges of such technology.
- B. Although most smart home technology is aimed at meeting or exceeding users' high expectations, those expectations in general remain poorly understood.
- C. Research suggests that users with high expectations for a new technology can feel content with that technology even after experiencing negative disconfirmation.
- D. Although negative disconfirmation has often been studied, little is known about the cognitive mechanisms shaping users' reactions to it in the context of new technology adoption.

ID: d2e0cba5 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The passage begins by describing the study, and concludes with its results: "many users employed cognitive mechanisms to mitigate those feelings [of negative disconfirmation]."

Choice A is incorrect. This is the opposite of what the text claims. Rather, the researchers found that "many users" reversed "their initial sense of disappointment." Choice B is incorrect. This choice doesn't reflect the text. What the expectations of smart home tech users are is not discussed. Choice D is incorrect. This choice doesn't reflect the text. How often these topics have been studied is not mentioned.

Question Difficulty: Hard

Question ID 485962a6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 485962a6

Astronomers investigated the Arabia Terra region of Mars because it appears to contain irregularly shaped craters that may have been caused by massive volcanic explosions. In their investigations of Arabia Terra, the researchers found remnants of ash deposits in an amount and thickness that would result from a massive volcanic eruption. However, erosion and past resurfacing events could have modified the surface of the planet. Therefore, _____

Which choice most logically completes the text?

- A. the current makeup of the Arabia Terra region might not accurately reflect the volcanic activity of Mars's past.
- B. eruptions from Mars's volcanoes were likely not as massive as astronomers previously believed.
- C. ash was most likely expelled from multiple different volcanoes on Mars's surface.
- D. the craters found in the Arabia Terra region were necessarily created by events other than volcanic eruptions.

ID: 485962a6 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the conclusion that most logically follows from the text's discussion of the Arabia Terra region of Mars. According to the text, there are craters in Arabia Terra that could be the result of volcanic activity, and researchers have found evidence of ash deposits consistent with a large eruption. The text goes on to note, however, that erosion and other events could have altered the surface of Mars. This observation suggests that current conditions on Mars's surface are not necessarily a reliable guide to past events—some signs of past events could have been transformed or erased entirely—and thus the current makeup of Arabia Terra may not accurately reflect past volcanic activity.

Choice B is incorrect because the text suggests only that past events could have changed Mars's surface such that its current appearance isn't a reliable guide to past activity, not that it's likely that past eruptions were not as massive as astronomers previously believed. Nothing in the text supports a conclusion about the likely size of past eruptions. Choice C is incorrect because the observation that resurfacing events could have changed the appearance of Mars doesn't imply that the ash discussed in the text likely came from multiple volcanoes. Although it's possible that the ash came from different volcanoes, there's no information in the text supporting a conclusion about how likely that possibility is. Choice D is incorrect because nothing in the text suggests that the Arabia Terra craters had to have been created by something other than volcanic eruptions. Although the text does suggest that the evidence consistent with volcanic eruptions shouldn't be taken as definitive proof of past eruptions, that doesn't mean that the craters couldn't have been created by eruptions, only that we can't be certain they were.

Question Difficulty: Medium

Question ID 7fdb7ad

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 7fdb7ad

The Milky Way galaxy is composed of millions of stars in a relatively flat structure containing a thin disk and a thick disk. Based on computer simulations and analysis of data on the brightness, position, and chemical composition of about 250,000 stars in the thick disk (collected from two telescopes, one in China and one orbiting in space), astrophysicists Maosheng Xiang and Hans-Walter Rix claim that the thick disk of the Milky Way formed in two distinct phases rather than a single one.

Which finding, if true, would most directly support the researchers' claim?

- A. The telescopes used by the researchers have detected stars of similar ages in galaxies other than the Milky Way.
- B. There's an age difference of about 2 billion years between certain stars in the thick disk.
- C. The thin disk contains about twice as many stars that can be seen from Earth as the thick disk does.
- D. The stars in the Milky Way tend to have very similar chemical compositions.

ID: 7fdb7ad Answer

Correct Answer: B

Rationale

Choice B is the best answer. A consistent age difference of 2 billion years between certain stars within the thick disk would support the claim that the thick disk formed in two phases instead of one, with the second phase beginning 2 billion years after the first phase.

Choice A is incorrect. This choice doesn't support the claim. The researchers base their claim on their study of stars inside the thick disk of the Milky Way. This choice makes a comparison to stars in other galaxies, which isn't relevant. Choice C is incorrect. This choice doesn't support the claim. The researchers base their claim on their study of stars inside the thick disk. This choice makes a comparison to the thin disk, which isn't relevant. Choice D is incorrect. This choice doesn't support the claim. It's too general. The claim is specifically about the thick disk.

Question Difficulty: Easy

Question ID dc47c2ac

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: dc47c2ac

Although most songbirds build open, cupped nests, some species build domed nests with roofs that provide much more protection. Many ecologists have assumed that domed nests would provide protection from weather conditions and thus would allow species that build them to have larger geographic ranges than species that build open nests do. To evaluate this assumption, a research team led by evolutionary biologist Iliana Medina analyzed data for over 3,000 species of songbirds.

Which finding from Medina and her colleagues' study, if true, would most directly challenge the assumption in the underlined sentence?

- A. Species that build open nests tend to have higher extinction rates than species that build domed nests.
- B. Species that build open nests tend to be smaller in size than species that build domed nests.
- C. Species that build open nests tend to use fewer materials to build their nests than species that build domed nests do.
- D. Species that build open nests tend to have larger ranges than species that build domed nests.

ID: dc47c2ac Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would challenge the assumption that many ecologists have made about the connection between the building of domed nests and geographic range in songbirds. The text says that many ecologists have assumed that since domed nests provide protection from weather conditions, songbird species that build such nests should be able to have larger geographic ranges than songbird species that build open nests do. If Medina and her colleagues found that species that build open nests tend to have larger geographic ranges than species that build domed nests do, their finding would show the opposite of what the ecologists have assumed. It would therefore challenge the ecologists' assumption.

Choice A is incorrect because nothing in the text suggests that there's a relationship between songbird species' extinction rates and their geographic ranges. The finding that species that build open nests tend to have higher extinction rates than species that build domed nests do would therefore have no clear bearing on the ecologists' assumption that domed nests allow species that build them to have larger geographic ranges than those of species that build open nests. Choice B is incorrect because nothing in the text suggests that there's a relationship between songbird species' sizes and their geographic ranges. The finding that species that build open nests tend to be smaller in size than species that build domed nests are would therefore have no clear bearing on the ecologists' assumption that domed nests allow species that build them to have larger geographic ranges than those of species that build open nests. Choice C is incorrect because although the text indicates that many ecologists have assumed that there's a connection between how songbird species build their nests and the species' geographic ranges, the text says that this assumption is based on the shape of the nests—that is, whether the nests are domed or open—not the number of materials used. The finding that species that build open nests tend to use fewer materials to build their nests than species that build domed nests do would therefore have no clear bearing on the ecologists' assumption that domed nests allow species that build them to have larger geographic ranges than those of species that build open nests.

Question Difficulty: Medium

Question ID 1d0b5bf4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 1d0b5bf4

To create the poems in her 2017 collection *One Last Word*, poet Nikki Grimes used a writing method called the golden shovel. This method often involves choosing a line from an existing poem and then using each word from that line as the last word of each line in a new poem. Grimes wanted the poems in *One Last Word* to honor important Black poets of the past, so she chose lines by poets such as Langston Hughes and Georgia Douglas Johnson. Writing in this way can be challenging and might seem as though it would produce awkward poems. However, reviewers praised *One Last Word* as a beautiful and powerful tribute to the poets who inspired it. This reaction suggests that _____

Which choice most logically completes the text?

- A. most reviewers didn't understand Grimes's goal for *One Last Word*.
- B. Grimes successfully used the golden shovel method to achieve her goal for *One Last Word*.
- C. Langston Hughes and Georgia Douglas Johnson are two of Grimes's favorite poets.
- D. Grimes inspired many other writers to create poems using the golden shovel method.

ID: 1d0b5bf4 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of Nikki Grimes's poetry collection *One Last Word*. The text explains that Grimes used a writing method called the golden shovel to create the poems in her book. According to the text, the method involves basing a new poem on a line from an existing poem. The text then mentions Langston Hughes and Georgia Douglas Johnson as examples of important Black poets whose lines of poetry form the basis of Grimes's poems. The text goes on to say that this writing method is difficult and that the resulting poems can be awkward, but reviewers have positively reviewed Grimes's book. If the reviewers of *One Last Word* specifically note that the work is a "beautiful and powerful tribute to the poets who inspired it," then they must have appreciated how Grimes used the golden shovel method to pay tribute to other poets. This suggests that Grimes was successful in using the golden shovel method to achieve her goal of honoring Black poets in her book.

Choice A is incorrect because the reaction suggests that most reviewers did understand Grimes's goal for her book. According to the text, the reviewers noted that the poems in her book were a "beautiful and powerful tribute to the poets who inspired it." Earlier, the text claims that Grimes intended the poems "to honor important Black poets of the past," so in their praise of her book, the reviewers clearly indicated that they understood Grimes's goal. Choice C is incorrect. Although it's likely that Grimes sought to honor Hughes and Johnson in her book of poetry because they're among her favorite poets, this fact isn't suggested by the reviewers' positive reaction to her book. Instead, the reaction suggests that Grimes was successful in her use of the golden shovel method. Choice D is incorrect because the text doesn't discuss whether other writers were inspired by Grimes to use the golden shovel method in their poetry. The text mentions the poets Hughes and Johnson as examples of poets honored in Grimes's book and describes reviewers' positive reception of her book, but it doesn't detail Grimes's impact on other writers.

Question Difficulty: Easy

Question ID df9c5a1d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ ■

ID: df9c5a1d

Juvenile Plants Found Growing on Bare Ground and in Patches of Vegetation for Five Species

Species	Bare ground	Patches of vegetation	Total	Percent found in patches of vegetation
<i>T. moroderi</i>	9	13	22	59.1%
<i>T. libanitis</i>	83	120	203	59.1%
<i>H. syriacim</i>	95	106	201	52.7%
<i>H. squatum</i>	218	321	539	59.6%
<i>H. stoechas</i>	11	12	23	52.2%

Alicia Montesinos-Navarro, Isabelle Storer, and Rocío Pérez-Barrales recently examined several plots within a diverse plant community in southeast Spain. The researchers calculated that if individual plants were randomly distributed on this particular landscape, only about 15% would be with other plants in patches of vegetation. They counted the number of juvenile plants of five species growing in patches of vegetation and the number growing alone on bare ground and compared those numbers to what would be expected if the plants were randomly distributed. Based on these results, they claim that plants of these species that grow in close proximity to other plants gain an advantage at an early developmental stage.

Which choice best describes data from the table that support the researchers' claim?

- A. For all five species, less than 75% of juvenile plants were growing in patches of vegetation.
- B. The species with the greatest number of juvenile plants growing in patches of vegetation was *H. stoechas*.
- C. For *T. libanitis* and *T. moroderi*, the percentage of juvenile plants growing in patches of vegetation was less than what would be expected if plants were randomly distributed.
- D. For each species, the percentage of juvenile plants growing in patches of vegetation was substantially higher than what would be expected if plants were randomly distributed.

ID: df9c5a1d Answer

Correct Answer: D

Rationale

Choice D is the best answer because it provides the most direct support from the table for the claim that the plants growing in close proximity to other plants gained an advantage at an early developmental stage. The table shows the total number of juvenile plants from five species that were found growing on bare ground and in patches of vegetation as well as the percentage of the total number of each species that were growing in patches of vegetation. For each of the five species, more than 50% of the juvenile plants were growing in patches of vegetation. The text notes, however, that a random distribution of plants across the landscape should result in only about 15% of the plants being found in patches of vegetation. In other words, for each of the five species, the percentage of juvenile plants found growing in patches of vegetation was substantially higher than could be explained by chance alone. This finding supports the claim in the text: if plants growing in patches are

overrepresented among plants that have survived to the juvenile stage, as the data show they are, then it suggests that it's advantageous for plants at an early stage of development to grow in patches of vegetation.

Choice A is incorrect because the statement that less than 75% of juvenile plants were found growing in patches of vegetation, while true, doesn't clearly support the claim that the plants growing in close proximity to other plants gained an advantage at an early developmental stage. Saying that less than 75% of plants were found in patches doesn't indicate how the percentage growing in patches compares with the percentage that would be expected to grow in patches on the basis of chance alone, which is the information necessary to evaluate whether the claim in the text has support in the table. Put another way, if the percentage of plants found growing in patches was 15% or less, it would be true that less than 75% were found in patches, but the data would in fact weaken the claim in the text, not strengthen it, since the data would show that growing in patches wasn't advantageous. Choice B is incorrect because only 12 plants of this species were found growing in patches, which was the lowest number of any species, not the greatest number. Additionally, even if it were true that this species had the greatest number of plants growing in patches, the finding would be irrelevant to the claim that plants of all five species gained an advantage by growing in close proximity to other plants. Choice C is incorrect because 59.1% of the plants of these species were found growing in patches, which is a far greater percentage, not a lower percentage, than what would be expected if plants were randomly distributed (around 15%). Additionally, if it were true that the percentage of plants growing in patches was lower for these species than what would be expected from chance alone, that finding would weaken, not strengthen, the claim that growing in patches is advantageous.

Question Difficulty: Hard

Question ID faaf484f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: faaf484f

Percent of Residents of City Areas in Favor of Adding More Bike Paths

City Area	Percent of area's residents in favor of adding more bike paths
North East	12%
North Central	26%
North West	46%
South West	88%
South Central	33%

A city's Parks and Recreation department is interested in providing residents with more opportunities for bicycling in their neighborhoods. They're considering adding more bike paths and conducted a survey to understand where demand for more bike paths is highest. The survey indicated the highest level of demand, with 88 percent of the residents interested in adding more bike paths, is in the city's _____

Which choice most effectively uses data from the table to complete the statement?

- A. South West area.
- B. South Central area.
- C. North East area.
- D. North Central area.

ID: faaf484f Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to complete the statement about the bike path survey. The table presents the percent of residents from five city areas who are in favor of adding more bike paths. With 88 percent of residents in favor of adding bike paths, the city's South West area has the highest level of demand.

Choice B is incorrect because, according to the data in the table, 33 percent of residents in the South Central area of the city are in favor of additional bike paths. The area of the city that has 88 percent of its surveyed residents in favor of additional bike paths will best complete the statement. Choice C is incorrect because, according to the data in the table, 12 percent of residents in the North East area of the city are in favor of additional bike paths. The area of the city that has 88 percent of its surveyed residents in favor of additional bike paths will best complete the statement. Choice D is incorrect because, according to the data in the table, 26 percent of residents in the North Central area of the city are in favor of additional bike paths. The area of the city that has 88 percent of its surveyed residents in favor of additional bike paths will best complete the statement.

Question Difficulty: Easy

Question ID d1539546

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: d1539546

Tides can deposit large quantities of dead vegetation within a salt marsh, smothering healthy plants and leaving a salt panne—a depression devoid of plants that tends to trap standing water—in the marsh’s interior. Ecologist Kathryn Beheshti and colleagues found that burrowing crabs living within these pannes improve drainage by loosening the soil, leading the pannes to shrink as marsh plants move back in. At salt marsh edges, however, crab-induced soil loosening can promote marsh loss by accelerating erosion, suggesting that the burrowing action of crabs _____

Which choice most logically completes the text?

- A. can be beneficial to marshes with small pannes but can be harmful to marshes with large pannes.
- B. may promote increases in marsh plants or decreases in marsh plants, depending on the crabs’ location.
- C. tends to be more heavily concentrated in areas of marsh interiors with standing water than at marsh edges.
- D. varies in intensity depending on the size of the panne relative to the size of the surrounding marsh.

ID: d1539546 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text says that crab burrowing in the pannes enables plants to grow there again. It also says that crab burrowing at the edges of the marsh speeds up marsh loss. This suggests that burrowing crabs can either help or hurt marshes, depending on where they’re located.

Choice A is incorrect. This inference isn’t supported. The text never discusses pannes of different sizes. Choice C is incorrect. This inference isn’t supported. The text never suggests that crabs do more burrowing in the pannes (the areas with standing water) than they do at the edges. Rather, the text says that the burrowing that happens in the pannes is beneficial, while the burrowing that happens at the edges is harmful. Choice D is incorrect. This inference isn’t supported. The text never discusses the intensity of crab burrowing, nor does it discuss the size of the panne relative to the size of the marsh.

Question Difficulty: Hard

Question ID f27559d4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f27559d4

Volunteering, or giving time for a community service for free, is a valuable form of civic engagement because helping in a community is also good for society as a whole. In a survey of youths in the United States, most young people said that they believe volunteering is a way to help people on an individual level. Meanwhile, only 6% of the youths said that they think volunteering is a way to help fix problems in society overall. These replies suggest that _____

Which choice most logically completes the text?

- A. many young people think they can volunteer only within their own communities.
- B. volunteering may be even more helpful than many young people think it is.
- C. volunteering can help society overall more than it can help individual people.
- D. many young people may not know how to find ways to volunteer their time.

ID: f27559d4 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of volunteering. The text asserts that volunteering benefits both the community in which one volunteers and society as a whole. It then states that in a survey of young people, a majority of respondents said that volunteering helps individuals, but only 6% of respondents said that volunteering helps society as a whole. If volunteering does in fact help society as a whole, as the text says, but only 6% of young people believe it does, then it's reasonable to conclude that volunteering is more helpful than many young people think it is.

Choice A is incorrect because the text discusses young people's beliefs about the benefits of volunteering, not where young people believe they are able to volunteer. Nothing in the text suggests that many young people believe they are only able to volunteer in their own communities. Choice C is incorrect. Although the text indicates that volunteering is beneficial for society as a whole, nothing in the text suggests that volunteering can benefit society more than it can benefit individual people. The text doesn't compare the benefits to society with the benefits to individuals. Choice D is incorrect because the text discusses young people's beliefs about the benefits of volunteering, not how to find volunteering opportunities. There's nothing in the text to suggest that many young people don't know how to volunteer.

Question Difficulty: Hard

Question ID 9077be25

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 9077be25

Alice Guy-Blaché directed hundreds of films between 1896 and 1920. She wanted audiences to feel like they were watching real people on screen. She would encourage actors in her films to behave naturally. Guy-Blaché even hung a large sign reading “Be Natural” in the studio where she made her films. At the time, films lacked sound, so actors needed to rely solely on their bodies and facial expressions to convey emotions. As a result, actors tended to highly exaggerate their actions and expressions. The style of acting in Guy-Blaché’s films was therefore _____

Which choice most logically completes the text?

- A. copied by many of Guy-Blaché’s peers.
- B. familiar to actors who had worked on other directors’ films.
- C. very unusual for the period.
- D. better than film acting today.

ID: 9077be25 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text tells us that “actors tended to highly exaggerate their actions and expressions” in films produced from 1896 to 1920. This suggests that the natural style of acting in Guy-Blaché’s films was very unusual for the time.

Choice A is incorrect. The text never discusses any other directors copying the style of acting found in Guy-Blaché’s films, and in fact suggests the opposite—that it was unusual for directors to suggest this style of acting at the time. Choice B is incorrect. The text never discusses actors’ familiarity with the style of acting found in Guy-Blaché’s films, so there isn’t much basis for this inference. But since the text tells us that other films of the period used a highly exaggerated form of acting, we might predict that the natural style in Guy-Blaché’s films would have been unfamiliar to these actors. Choice D is incorrect. The text never discusses film acting today, so there’s no basis for this inference.

Question Difficulty: Easy

Question ID 95146ebb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 95146ebb

The ice melted on a Norwegian mountain during a particularly warm summer in 2019, revealing a 1,700-year-old sandal to a mountaineer looking for artifacts. The sandal would normally have degraded quickly, but it was instead well preserved for centuries by the surrounding ice. According to archaeologist Espen Finstad and his team, the sandal, like those worn by imperial Romans, wouldn't have offered any protection from the cold in the mountains, so some kind of insulation, like fabric or animal skin, would have needed to be worn on the feet with the sandal.

What does the text indicate about the discovery of the sandal?

- A. Temperatures contributed to both protecting and revealing the sandal.
- B. The discovery revealed that the Roman Empire had more influence on Norway than archaeologists previously assumed.
- C. Archaeologists would have found the sandal eventually without help from the general public.
- D. The sandal would have degraded if it hadn't been removed from the ice.

ID: 95146ebb Answer

Correct Answer: A

Rationale

Choice A is the best answer. A "particularly warm summer" revealed the sandal, and centuries of ice kept it "well preserved."

Choice B is incorrect. This choice doesn't reflect the information in the text. The sandal is similar to Roman sandals, but there is no indication that it was a result of Roman influence. Choice C is incorrect. The text doesn't support this choice. We don't have enough information to know whether or not archaeologists would have found the sandal without people like the treasure-hunting mountaineer. Choice D is incorrect. The text says the opposite of this choice. The sandal was preserved by the ice for centuries.

Question Difficulty: Medium

Question ID 84136d69

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 84136d69

Five of the Responses to Survey about Actions to Conserve Energy

Action	Action category	Percentage of respondents selecting action (%)
Use efficient cars/hybrids	efficiency	2.8
Change thermostat setting	curtailment	6.3
Use bike or public transportation instead of car	curtailment	12.9
Use efficient light bulbs	efficiency	3.6
Turn off lights	curtailment	19.6

In a survey of public perceptions of energy use, researcher Shahzeen Attari and her team asked respondents to name the most effective action ordinary people can take to conserve energy. The team categorized each action as either an efficiency or a curtailment and found that respondents tended to name curtailments more often than they did efficiencies. For example, 19.6% of respondents stated that the most effective way to conserve energy is to turn off the lights, while only _____

Which choice most effectively uses data from the table to complete the text?

- A. 6.3% of respondents said it was most effective to use efficient cars or hybrids.
- B. 2.8% of respondents said it was most effective to change the thermostat setting.
- C. 12.9% of respondents said it was most effective to use a bike or public transportation.
- D. 3.6% of respondents said it was most effective to use efficient light bulbs.

ID: 84136d69 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most effectively uses data from the table to complete the text's discussion of Attari and her team's survey results. The text states that the team asked respondents to identify the most effective action people can take to save energy, with the team classifying each action as either an efficiency or a curtailment. According to the text, respondents named curtailments more often than they did efficiencies. The text then offers an example that begins by citing a curtailment, turning off the lights, that was selected by a relatively high percentage of respondents (19.6%). Given that the example is presented in support of the idea that more respondents selected curtailments than efficiencies, the most effective way to complete the example is by citing an efficiency, using efficient light bulbs, that was selected by a relatively low percentage of respondents (only 3.6%).

Choice A is incorrect because it inaccurately describes data in the table. The data indicate that 6.3% of respondents said the most effective action was to change the thermostat setting, not to use efficient cars or hybrids. Choice B is incorrect because it inaccurately describes data in the table. The data indicate that 2.8% of respondents said the most effective action was to use efficient cars/hybrids, not to change the thermostat setting. Choice C is incorrect because it mentions a curtailment (using a bike or public transportation) and not an efficiency. The text states that a research team asked respondents to identify the most effective action people can take to save energy, with the team classifying each action as either an efficiency or a curtailment. According to the text, respondents named curtailments more often than they did efficiencies. The text then offers an example that begins by citing a curtailment, turning off the lights, that was selected by a relatively high percentage of respondents (19.6%). Given that the example is presented in support of the idea that more people selected curtailments than efficiencies, the most effective way to complete the example is not by referring to another curtailment but rather by referring to an efficiency that was selected by a relatively low percentage of respondents.

Question Difficulty: Medium

Question ID 9c407117

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 9c407117

A student performs an experiment testing her hypothesis that a slightly acidic soil environment is more beneficial for the growth of the plant *Brassica rapa parachinensis* (a vegetable commonly known as choy sum) than a neutral soil environment. She plants sixteen seeds of choy sum in a mixture of equal amounts of coffee grounds (which are highly acidic) and potting soil and another sixteen seeds in potting soil without coffee grounds as the control for the experiment. The two groups of seeds were exposed to the same growing conditions and monitored for three weeks.

Which finding, if true, would most directly weaken the student's hypothesis?

- A. The choy sum planted in the soil without coffee grounds were significantly taller at the end of the experiment than the choy sum planted in the mixture of soil and coffee grounds.
- B. The choy sum grown in the soil without coffee grounds weighed significantly less at the end of the experiment than the choy sum grown in the mixture of soil and coffee grounds.
- C. The choy sum seeds planted in the soil without coffee grounds sprouted significantly later in the experiment than did the seeds planted in the mixture of soil and coffee grounds.
- D. Significantly fewer of the choy sum seeds planted in the soil without coffee grounds sprouted plants than did the seeds planted in the mixture of soil and coffee grounds.

ID: 9c407117 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it describes an experimental outcome that would most directly weaken the student's hypothesis. According to the text, the student hypothesizes that *Brassica rapa parachinensis* (choy sum) will benefit more from acidic soil than it will from neutral soil. The text then explains that the student planted 16 choy sum seeds in potting soil with coffee grounds added to increase acidity and another 16 seeds in soil without coffee grounds as a control (a group identical to the experimental group except for the experimental modification being tested). If the hypothesis were correct, the plants in the more acidic soil-and-coffee-grounds mixture would grow faster than those in the control group. However, choice A proposes a scenario in which the plants in soil without coffee grounds were "significantly taller" than those in the more acidic mixture—an outcome that weakens the hypothesis that higher acidity is beneficial to the plants' growth.

Choice B is incorrect. If the choy sum planted in the neutral soil produced less plant matter and therefore weighed less than the choy sum planted in the acidic soil-and-coffee-grounds mixture, this finding would strengthen the student's hypothesis, not weaken it. Choice C is incorrect. If seeds planted in neutral soil (without coffee grounds) sprouted significantly later than seeds planted in the acidic soil-and-coffee-grounds mixture, this finding would strengthen, not weaken, the student's hypothesis that acidic soil benefits choy sum. Choice D is incorrect. If seeds planted in the neutral soil (without coffee grounds) sprouted significantly fewer plants than seeds planted in the acidic soil-and-coffee-grounds mixture did, this finding would strengthen, not weaken, the student's hypothesis that choy sum benefits from acidic soil.

Question Difficulty: Hard

Question ID 46e45728

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 46e45728

Daily Distance Traveled by Adult Mountain Lions in Three Seasons

Season	Kilometers per day traveled by adult females	Kilometers per day traveled by adult males
cold-dry	9.28	15.81
monsoon	12.64	18.93
hot-dry	12.48	18.87

Wildlife researcher Dana L. Karelus and her colleagues tracked the movements of female and male adult mountain lions over three seasons: the cold-dry season, the hot-dry season, and the monsoon season. They found that the least amount of travel per day occurred in _____.

Which choice most effectively uses data from the table to complete the statement?

- A. the cold-dry season for both females and males.
- B. the cold-dry season for females and the hot-dry season for males.
- C. the hot-dry season for females and the monsoon season for males.
- D. the monsoon season for both females and males.

ID: 46e45728 Answer

Correct Answer: A

Rationale

Choice A is the best answer. Females only traveled 9.28 km per day in the cold-dry season, versus 12.64 and 12.48 km per day in the monsoon and hot-dry seasons, respectively. Males only traveled 15.81 km per day per day in the cold-dry season, versus 18.93 and 18.87 km per day in the monsoon and hot-dry seasons, respectively. So, the cold-dry season was the season where both males and females had the least daily travel.

Choice B is incorrect. Although females traveled least in the cold-dry season, males didn't travel least in the hot-dry season. Instead, they traveled less per day in the cold-dry season as well. Choice C is incorrect. Females had less daily travel in the cold-dry season than in the hot-dry season (9.28 versus 12.48 km per day), and males had less daily travel in the cold-dry season than in the monsoon season (15.81 versus 18.93 km per day). Choice D is incorrect. In fact, both females and males traveled the most kilometers per day in the monsoon season.

Question Difficulty: Easy

Question ID 7921b86b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 7921b86b

Oluwaseyi Moejoh cofounded U-recycle Initiative Africa when she was only a teenager. Moejoh and her team founded the organization to teach young people how their actions affect the environment and why recycling is important. For example, the organization put on an exhibit of art made using recycled materials.

According to the text, what is one reason Moejoh and others founded U-recycle Initiative Africa?

- A. To bring attention to overlooked African artists
- B. To teach young people why recycling is important
- C. To help adults gain important outdoor skills
- D. To give teenagers advice about starting businesses

ID: 7921b86b Answer

Correct Answer: B

Rationale

Choice B is the best answer because it describes a reason that Moejoh and team founded U-recycle Initiative Africa. The text mentions two reasons the initiative was founded: to teach young people about how they affect the environment and to teach them “why recycling is important.” Thus, teaching the importance of recycling to young people accurately describes a motivation that the text cites as a reason for the initiative’s founding.

Choice A is incorrect. Although art is mentioned in the text, there are no details about artists or whether they are being overlooked. Choice C is incorrect because the text is explicitly about young people and their relationship to the environment and recycling. There is no mention of adults or outdoor skills. Choice D is incorrect. Although the text discusses young people, which likely includes teenagers, there is no mention of starting businesses.

Question Difficulty: Easy

Question ID 014b3394

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 014b3394

Average Number and Duration of Torpor Bouts and Arousal Episodes for Alaska Marmots and Arctic Ground Squirrels, 2008–2011

Feature	Alaska marmots	Arctic ground squirrels
torpor bouts	12	10.5
duration per bout	13.81 days	16.77 days
arousal episodes	11	9.5
duration per episode	21.2 hours	14.2 hours

When hibernating, Alaska marmots and Arctic ground squirrels enter a state called torpor, which minimizes the energy their bodies need to function. Often a hibernating animal will temporarily come out of torpor (called an arousal episode) and its metabolic rate will rise, burning more of the precious energy the animal needs to survive the winter. Alaska marmots hibernate in groups and therefore burn less energy keeping warm during these episodes than they would if they were alone. A researcher hypothesized that because Arctic ground squirrels hibernate alone, they would likely exhibit longer bouts of torpor and shorter arousal episodes than Alaska marmots.

Which choice best describes data from the table that support the researcher's hypothesis?

- A. The Alaska marmots' arousal episodes lasted for days, while the Arctic ground squirrels' arousal episodes lasted less than a day.
- B. The Alaska marmots and the Arctic ground squirrels both maintained torpor for several consecutive days per bout, on average.
- C. The Alaska marmots had shorter torpor bouts and longer arousal episodes than the Arctic ground squirrels did.
- D. The Alaska marmots had more torpor bouts than arousal episodes, but their arousal episodes were much shorter than their torpor bouts.

ID: 014b3394 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it describes data from the table that support the researcher's hypothesis. According to the text, the researcher hypothesized that Arctic ground squirrels would exhibit longer torpor bouts and shorter arousal episodes than Alaska marmots do—or, put the other way, that the marmots would show shorter torpor bouts and longer arousal episodes than the ground squirrels do. The table shows data about torpor bouts and arousal episodes for the two species from 2008 to 2011. According to the table, the average duration of torpor bouts was 13.81 days for Alaska marmots, shorter than the average of 16.77 days for Arctic ground squirrels, and the average duration of arousal episodes was 21.2 hours for Alaska marmots, longer than the average of 14.2 hours for Arctic ground squirrels. Thus, the table supports the researcher's hypothesis by

showing that Alaska marmots had shorter bouts of torpor and longer arousal episodes than Arctic ground squirrels did.

Choice A is incorrect because it inaccurately describes data from the table and doesn't support the researcher's hypothesis. The table shows that the average duration of arousal episodes was less than a day for both Alaska marmots (21.2 hours) and Arctic ground squirrels (14.2 hours). Additionally, information about arousal episodes for Alaska marmots and Arctic ground squirrels isn't sufficient to support a hypothesis involving comparisons of both arousal episodes and torpor bouts for those animals. Choice B is incorrect because it doesn't support the researcher's hypothesis, which involves comparisons of arousal episodes as well as torpor bouts for Alaska marmots and Arctic ground squirrels. Noting that both animals had torpor bouts lasting several days, on average, doesn't address arousal episodes at all, nor does it reveal how the animals' torpor bouts compared. Choice D is incorrect because it doesn't support the researcher's hypothesis. Although the table does show that Alaska marmots had more torpor bouts (12) than arousal episodes (11) and that their arousal episodes were much shorter than their torpor bouts (21.2 hours and 13.81 days, respectively), comparing data across only Alaska marmot behaviors isn't sufficient to support a hypothesis about torpor and arousal behaviors of both Alaska marmots and Arctic ground squirrels.

Question Difficulty: Hard

Question ID 145da981

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 145da981

Effect of Paywall Introduction on Newspaper Companies' Revenues

Newspaper	Total revenue change (\$ in thousands)	Percentage change (%)	Newspaper size
<i>Los Angeles Times</i>	93,966	12.5	large
<i>The New York Times</i>	235,788	20	large
<i>The Denver Post</i>	-3,765	-1	small
<i>Sun Sentinel</i>	-24,899	-11.9	small
<i>Chicago Tribune</i>	94,492	19	large

Digital paywalls restrict access to online content to those with a paid subscription. In an investigation of the effect of paywalls on newspaper company revenues for print and digital subscriptions and advertising, Doug J. Chung and colleagues compared actual outcomes (with a paywall) to control estimates (without a paywall). The researchers concluded that introducing a paywall is generally more beneficial for larger newspapers, which have high circulation and tend to offer a substantial amount of unique online content.

Which choice best describes data from the table that support Chung and colleagues' conclusion?

- A. The *Chicago Tribune* and the *Los Angeles Times* had similar total revenue changes, but the *Los Angeles Times* had a smaller percentage change.
- B. The *Los Angeles Times* had a 12.5% revenue change, while the *Chicago Tribune* had a 19% revenue change.
- C. The *New York Times* had a 20% revenue change, while the *Denver Post* had a -1% revenue change.
- D. The *Denver Post* had only a -1% revenue change, which was the smallest percentage change of the selected companies.

ID: 145da981 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The conclusion is that paywalls are more beneficial for large newspapers. This data supports that conclusion by comparing the revenue increase of a large newspaper to the revenue decrease of a small newspaper.

Choice A is incorrect. This choice doesn't support the conclusion. It doesn't include any small newspapers for comparison. Choice B is incorrect. This choice doesn't support the conclusion. It doesn't include any small newspapers for comparison. Choice D is incorrect. This choice doesn't support the conclusion. It doesn't include any large newspapers for comparison.

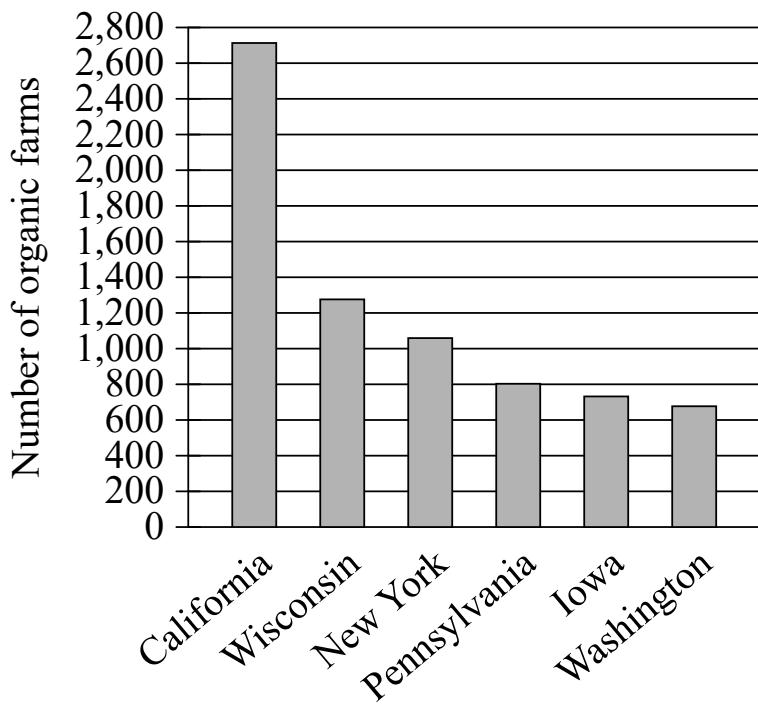
Question Difficulty: Easy

Question ID 8af28416

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	█ □ □

ID: 8af28416

US States with the Greatest Number of Organic Farms in 2016



■ State

Organic farming is a method of growing food that tries to reduce environmental harm by using natural forms of pest control and avoiding fertilizers made with synthetic materials. Organic farms are still a small fraction of the total farms in the United States, but they have been becoming more popular. According to the US Department of Agriculture, in 2016 California had between 2,600 and 2,800 organic farms and _____.

Which choice most effectively uses data from the graph to complete the text?

- A. Washington had between 600 and 800 organic farms.
- B. New York had fewer than 800 organic farms.
- C. Wisconsin and Iowa each had between 1,200 and 1,400 organic farms.
- D. Pennsylvania had more than 1,200 organic farms.

ID: 8af28416 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it uses data from the graph to accurately complete the text. The graph shows the number of organic farms located in each of six US states in 2016: between 2,600 and 2,800 in California; between 1,200 and 1,400 in Wisconsin; between 1,000 and 1,200 in New York; approximately 800 in Pennsylvania; and between 600 and 800 in both Iowa and Washington. The last sentence of the text provides information about the number of organic farms in 2016, first describing the number in California. The best completion of the sentence is the choice that accurately describes the number of organic farms in 2016 in another state, which the assertion that Washington had between 600 and 800 organic farms provides.

Choice B is incorrect because it doesn't accurately reflect the data from the graph. The graph indicates that there were between 1,000 and 1,200 organic farms in New York, not fewer than 800 organic farms. Choice C is incorrect because it doesn't accurately reflect the data from the graph. While the graph indicates that there were between 1,200 and 1,400 organic farms in Wisconsin in 2016, there were only between 600 and 800 in Iowa. Choice D is incorrect because it doesn't accurately reflect the data from the graph. The graph indicates that in 2016 there were approximately 800 organic farms in Pennsylvania, not more than 1,200.

Question Difficulty: Easy

Question ID b2e54b50

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: b2e54b50

Correlations Between Congestion Ratings and Features of the Crowd in Raters' Immediate Vicinity

Crowd feature	Before obstacle	After obstacle	Overall
Density	0.8592	0.7308	0.7447
Velocity	-0.9357	-0.9518	-0.8587

Researcher Xiaolu Jia and colleagues monitored individuals' velocity and the surrounding crowd density as a group of study participants walked through a space and navigated around an obstacle. Participants rated how congested it seemed before the obstacle, after the obstacle, and overall, and the researchers correlated those ratings with velocity and density. (Correlations range from -1 to 1, with greater distance from 0 indicating greater strength). The researchers concluded that the correlations with velocity are stronger than those with density.

Which choice best describes data from the table that support the researchers' conclusion?

- A. The correlation between congestion ratings before the obstacle and density is further from 0 than the correlation between overall congestion rating and velocity is.
- B. The correlation between congestion ratings before the obstacle and velocity is further from 0 than the correlation between congestion overall and velocity is.
- C. For each of the three ratings, the correlation with velocity is negative while the correlation with density is positive.
- D. For each of the three ratings, correlations with velocity are further from 0 than the corresponding correlations with density are.

ID: b2e54b50 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text tells us that the farther the correlation is from 0, the "stronger" it is (doesn't matter if it's negative or positive). The table shows that the correlations with velocity are farther from zero than the correlations with density, which supports the conclusion that the correlations with velocity are stronger.

Choice A is incorrect. This choice doesn't support the conclusion. It makes an "apples to oranges" comparison by comparing density and velocity correlations across features instead of comparing them for each feature. Choice B is incorrect. This choice doesn't support the conclusion. It doesn't include the density correlations for comparison. Choice C is incorrect. This choice doesn't support the conclusion. The text tells us that the farther the correlation is from 0, the "stronger" it is: it doesn't matter for "strength" whether it's negative or positive.

Question Difficulty: Hard

Question ID 9aa5efc4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 9aa5efc4

Born in 1891 to a Quechua-speaking family in the Andes Mountains of Peru, Martín Chambi is today considered to be one of the most renowned figures of Latin American photography. In a paper for an art history class, a student claims that Chambi's photographs have considerable ethnographic value—in his work, Chambi was able to capture diverse elements of Peruvian society, representing his subjects with both dignity and authenticity.

Which finding, if true, would most directly support the student's claim?

- A. Chambi took many commissioned portraits of wealthy Peruvians, but he also produced hundreds of images carefully documenting the peoples, sites, and customs of Indigenous communities of the Andes.
- B. Chambi's photographs demonstrate a high level of technical skill, as seen in his strategic use of illumination to create dramatic light and shadow contrasts.
- C. During his lifetime, Chambi was known and celebrated both within and outside his native Peru, as his work was published in places like Argentina, Spain, and Mexico.
- D. Some of the peoples and places Chambi photographed had long been popular subjects for Peruvian photographers.

ID: 9aa5efc4 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents a finding that, if true, would support the claim about Chambi's photographs. The text describes a student advancing the claim that Chambi's photographs "have considerable ethnographic value"—meaning that they are valuable as records of cultures—and that they "capture diverse elements of Peruvian society" in a respectful way. If it's true that Chambi carefully photographed people from a range of different communities in Peru as well as photographed the customs and sites of different communities, that would lend support to the claim that the photographs have ethnographic value as depictions of diverse elements of society in Peru.

Choice B is incorrect because the student's claim is that Chambi's photographs have considerable ethnographic value because they depict diverse elements of Peruvian society; the student doesn't claim anything about the technical skill demonstrated in the photographs. Choice C is incorrect because neither Chambi's reputation nor the locations where his photographs may have been published would be relevant to the student's claim that his photographs are valuable as an ethnographic record of Peru's diverse society. Choice D is incorrect because the popularity among other photographers of the people and places that Chambi photographed would be irrelevant to the student's claim that Chambi's photographs are valuable as an ethnographic record of Peru's diverse society.

Question Difficulty: Medium

Question ID f3f444bc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f3f444bc

Many mosquito repellents contain natural components that work by activating multiple odor receptors on mosquitoes' antennae. As the insects develop resistance, new repellents are needed. Ke Dong and her team found that EBF, a molecular component of a chrysanthemum-flower extract, can repel mosquitoes by activating just one odor receptor—and this receptor, Or31, is present in all mosquito species known to carry diseases. Therefore, the researchers suggest that in developing new repellents, it would be most useful to _____

Which choice most logically completes the text?

- A. identify molecular components similar to EBF that target the activation of Or31 receptors.
- B. investigate alternative methods for extracting EBF molecules from chrysanthemums.
- C. verify the precise locations of Or31 and other odor receptors on mosquitoes' antennae.
- D. determine the maximum number of different odor receptors that can be activated by a single molecule.

ID: f3f444bc Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of mosquito repellents. The text begins by explaining that many repellents work by using natural components to activate multiple odor receptors on mosquitoes' antennae, and that new repellents must be created whenever mosquitoes become resistant to older ones. The text then highlights a research team's discovery that EBF, a molecular component of a chrysanthemum-flower extract, can repel mosquitoes by activating a single odor receptor, Or31, that is shared by all species of mosquitoes known to carry diseases. The text suggests that compared to the repellents mentioned earlier, a repellent that acts on the Or31 receptor would be more effective: by noting that all mosquito species known to carry diseases share the Or31 receptor, the text suggests that the Or31 receptor may be unique in this respect, meaning that a repellent such as EBF that acts on it would be more effective since it works on a single receptor shared by all mosquito species that carry diseases, rather than a combination of receptors that is not shared by all species. Once mosquitoes become resistant to EBF, it would therefore make sense for researchers to look for other molecular components similar to EBF that target the activation of Or31 receptors, since a single such component could also repel all disease-carrying mosquitoes.

Choice B is incorrect because nothing in the text suggests that EBF molecules are difficult to extract from chrysanthemums and that investigating alternative extraction methods would therefore be useful for developing efficient and effective mosquito repellents. Rather, the text suggests that researchers developing new mosquito repellents should aim to identify molecular components similar to EBF, since that component targets the Or31 odor receptor shared by all species of mosquitoes known to carry diseases. Choice C is incorrect because nothing in the text suggests that researchers are unaware of the precise location of Or31 and other odor receptors in mosquitoes' antennae or that knowing this information would be useful for developing efficient and effective mosquito repellents. Rather, the text suggests that researchers developing new mosquito repellents should aim to identify molecular components similar to EBF, which targets the Or31 odor receptor. Choice D is incorrect because it doesn't logically follow that the discovery of one odor receptor shared by all disease-bearing

mosquitoes should lead to further research into which repellents might activate the greatest number of odor receptors. Rather, the text suggests that researchers developing new mosquito repellents should instead search for additional molecular components that, like EBF, activate the one odor receptor that is known to be shared by all disease-bearing mosquitoes.

Question Difficulty: Medium

Question ID 5cf5c0d3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ ■

ID: 5cf5c0d3

Credited Film Output of James Young Deer, Dark Cloud, Edwin Carewe, and Lillian St. Cyr

Individual	Years active	Number of films known and commonly credited
James Young Deer	1909–1924	33 (actor), 35 (director), 10 (writer)
Dark Cloud	1910–1920	35 (actor), 1 (writer)
Edwin Carewe	1912–1934	47 (actor), 58 (director), 20 (producer), 4 (writer)
Lillian St. Cyr (Red Wing)	1908–1921	66 (actor)

Some researchers studying Indigenous actors and filmmakers in the United States have turned their attention to the early days of cinema, particularly the 1910s and 1920s, when people like James Young Deer, Dark Cloud, Edwin Carewe, and Lillian St. Cyr (known professionally as Red Wing) were involved in one way or another with numerous films. In fact, so many films and associated records for this era have been lost that counts of those four figures' output should be taken as bare minimums rather than totals; it's entirely possible, for example, that _____

Which choice most effectively uses data from the table to complete the example?

- A. Dark Cloud acted in significantly fewer films than did Lillian St. Cyr, who is credited with 66 performances.
- B. Edwin Carewe's 47 credited acting roles includes only films made after 1934.
- C. Lillian St. Cyr acted in far more than 66 films and Edwin Carewe directed more than 58.
- D. James Young Deer actually directed 33 films and acted in only 10.

ID: 5cf5c0d3 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it uses data from the table to effectively exemplify the idea that the film outputs of the four individuals included in the table should be considered bare minimums—that is, that we should assume that the individuals actually had higher outputs than those recorded. The table presents the years during which the individuals were active and the number of known films the individuals are credited in. The table indicates that Lillian St. Cyr has 66 film credits as an actor and that Edwin Carewe has 58 film credits as a director; it follows that if some films and records for the era were lost, it's possible that Lillian St. Cyr acted in far more than 66 films and that Edwin Carewe directed more than 58 films.

Choice A is incorrect because it doesn't effectively exemplify the idea that the film outputs of the four individuals included in the table should be considered bare minimums. Rather than addressing the idea that the individuals likely had higher outputs than those presented in the table, this choice simply compares data from the table to make the point that Dark Cloud has fewer credited acting roles than Lillian St. Cyr (35 and 66, respectively). Choice B is incorrect because it misrepresents data from the table, even though it may exemplify the idea that the film outputs of the four individuals included in the table should be considered bare minimums by implying that Edwin Carewe acted in more than 47 films. The table indicates that Edwin Carewe was active

from 1912 to 1934, meaning that his 47 credited acting roles were in films made before or during 1934, not after that time. Choice D is incorrect because it doesn't effectively exemplify the idea that the film outputs of the four individuals included in the table should be considered bare minimums. Instead of addressing the idea that the individuals likely had higher outputs than those recorded, this choice suggests that James Young Deer actually acted in and directed fewer films than presented in the table (only 33 known films as a director instead of 35, and only 10 known films as an actor instead of 33).

Question Difficulty: Hard

Question ID 7a895def

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 7a895def

Georgia Douglas Johnson wrote many plays in the 1920s and 1930s. At the time, professional theater companies rarely put on plays by Black women, so few of Johnson's plays made it to the stage. Only a small number of her plays were published in her lifetime. But that doesn't mean that Johnson never learned what other people thought of her plays. Johnson hosted weekly get-togethers for fellow Black writers and artists in her Washington, D.C., home. Attendees would read and discuss one another's work, including Johnson's own. These gatherings could therefore serve as _____

Which choice most logically completes the text?

- A. an occasion for professional theater companies to put on plays.
- B. an opportunity for Johnson to get feedback on her plays.
- C. a way for Johnson to learn about plays that were produced in other cities.
- D. subject matter for future plays by Johnson.

ID: 7a895def Answer

Correct Answer: B

Rationale

Choice B is the best answer. The passage tells us that attendees at Johnson's get-togethers "would read and discuss one another's work." This suggests that the gatherings could provide an opportunity for Johnson to get feedback on her plays. Notice how the text foreshadows this conclusion by the mention of Johnson learning "what other people thought of her plays."

Choice A is incorrect. The passage doesn't mention theater companies attending the get-togethers, so there is no basis for this inference. Choice C is incorrect. The passage doesn't mention learning about plays from other cities, so there is no basis for this inference. Choice D is incorrect. The passage doesn't mention Johnson using the get-togethers as inspiration for future plays, so there is no basis for this inference.

Question Difficulty: Easy

Question ID 23a7038f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 23a7038f

Shimmering is a collective defense behavior that researchers have observed in giant honeybee colonies. When shimmering, different groups of bees flip their bodies up and down in what looks like waves. This defense is initiated when hornets hover near a colony, serving to deter the hornets from approaching the bees. Researchers hypothesize that this behavior is a specialized defense response to hornets, as it is not observed when other, larger predators approach the colony.

Which choice best states the main idea of the text?

- A. Researchers are unsure how giant honeybees defend against predators larger than hornets.
- B. Researchers think that shimmering in giant honeybees is a specific defense against hornets.
- C. Hornets are known to be the main predator of giant honeybees.
- D. Several different species of insects use shimmering to defend against hornets.

ID: 23a7038f Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text describes a study about how giant honeybees use shimmering to defend against hornets, but not other predators. The researchers conclude that shimmering could be a specialized defense response to hornets.

Choice A is incorrect. The text says that giant honeybees don't appear to use shimmering against other, larger predators. However, it never suggests that researchers don't know which other defenses giant honeybees do use for those predators. Choice C is incorrect. The text says that hornets are one predator of giant honeybees, but it doesn't say that hornets are the main predator of giant honeybees. This choice also fails to mention "shimmering," which is a major focus of the text. Choice D is incorrect. The text only discusses the shimmering of giant honeybees—it doesn't discuss other insects' defense responses at all.

Question Difficulty: Easy

Question ID 3ae2638c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 3ae2638c

In documents called judicial opinions, judges explain the reasoning behind their legal rulings, and in those explanations they sometimes cite and discuss historical and contemporary philosophers. Legal scholar and philosopher Anita L. Allen argues that while judges are naturally inclined to mention philosophers whose views align with their own positions, the strongest judicial opinions consider and rebut potential objections; discussing philosophers whose views conflict with judges' views could therefore _____.

Which choice most logically completes the text?

- A. allow judges to craft judicial opinions without needing to consult philosophical works.
- B. help judges improve the arguments they put forward in their judicial opinions.
- C. make judicial opinions more comprehensible to readers without legal or philosophical training.
- D. bring judicial opinions in line with views that are broadly held among philosophers.

ID: 3ae2638c Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of Anita Allen's argument about judges citing philosophers in their judicial opinions. The text indicates that judges sometimes cite philosophers when writing their judicial opinions and that, according to Allen, judges tend to cite philosophers whose views are in agreement with those of the judges themselves. Allen claims, however, that the best judicial opinions consider potential objections and rebut them, which suggests that judges may be able to strengthen their opinions by including discussions of philosophers with views contrary to their own.

Choice A is incorrect because Allen's claim is that judges could improve their judicial opinions by citing philosophers who disagree with the views expressed in the opinions, which would necessarily require judges to consult philosophical works. Choice C is incorrect because there's no discussion in the text about making judicial opinions more easily understood by any particular group of readers. The focus of the text is on Allen's claim that judicial opinions could be strengthened by the inclusion of discussions of philosophers whose views disagree with those of the judges authoring the opinions. Choice D is incorrect because the text presents Allen's argument that discussing philosophers whose views judges disagree with could strengthen judicial opinions, not that doing so could bring those opinions into line with views that are popular among philosophers.

Question Difficulty: Medium

Question ID 7f293254

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 7f293254

Art collectives, like the United States- and Vietnam-based collective The Propeller Group or Cuba's Los Carpinteros, are groups of artists who agree to work together: perhaps for stylistic reasons, or to advance certain shared political ideals, or to help mitigate the costs of supplies and studio space. Regardless of the reasons, art collectives usually involve some collaboration among the artists. Based on a recent series of interviews with various art collectives, an arts journalist claims that this can be difficult for artists who are often used to having sole control over their work.

Which quotation from the interviews best illustrates the journalist's claim?

- A. "The first collective I joined included many amazingly talented artists, and we enjoyed each other's company, but because we had a hard time sharing credit and responsibility for our work, the collective didn't last."
- B. "We work together, but that doesn't mean that individual projects are equally the work of all of us. Many of our projects are primarily the responsibility of whoever originally proposed the work to the group."
- C. "Having worked as a member of a collective for several years, it's sometimes hard to recall what it was like to work alone without the collective's support. But that support encourages my individual expression rather than limits it."
- D. "Sometimes an artist from outside the collective will choose to collaborate with us on a project, but all of those projects fit within the larger themes of the work the collective does on its own."

ID: 7f293254 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the quotation that best illustrates the journalist's claim. By indicating that a collective didn't continue because it was hard to share credit and responsibilities within the group even though the company was enjoyable, the quotation shows that working collaboratively can be difficult for artists who are used to having complete control over their work.

Choice B is incorrect because the quotation indicates that members of a collective are able to collaborate together and have agreed on a fair way to manage their responsibilities; this doesn't demonstrate the challenge of sharing control among members of a collective. Choice C is incorrect because the quotation highlights the support and encouragement of individual expression an artist experiences due to working in a collective; these positive aspects don't demonstrate the challenge of sharing control among members of a collective. Choice D is incorrect because the quotation doesn't address any challenges of sharing control among members of a collective; it simply indicates that artists sometimes choose to work with collectives without having to be a member. Therefore, the quotation doesn't illustrate the journalist's claim.

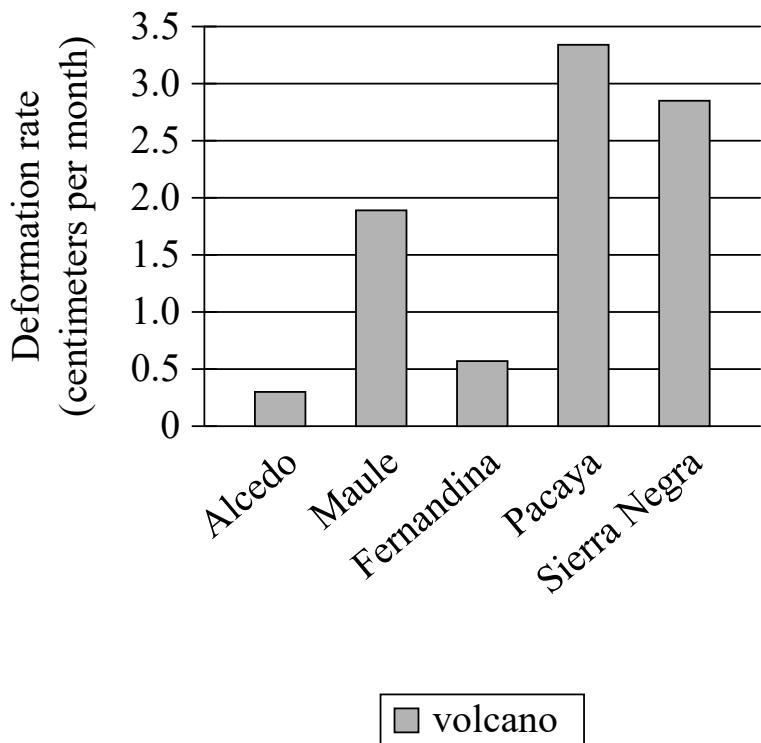
Question Difficulty: Hard

Question ID 89f71526

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 89f71526

Deformation Rate of Five Volcanoes



When magma moves underneath a volcano, it causes the surface of the volcano to change. This is known as deformation. Researchers recently calculated the amount of deformation occurring each month for five volcanoes in Latin America. Although Sierra Negra experienced a lot of deformation, its deformation rate was still lower than that of _____.

Which choice most effectively uses data from the graph to complete the statement?

- A. Alcedo.
- B. Pacaya.
- C. Fernandina.
- D. Maule.

ID: 89f71526 Answer

Correct Answer: B

Rationale

Choice B is the best answer. Pacaya had a deformation rate of almost 3.5 centimeters per month, while Sierra Negra had a deformation rate of less than 3 centimeters per month. Therefore, Sierra Negra's deformation rate was lower than Pacaya's.

Choice A is incorrect. Alcedo has a lower rate of deformation than Sierra Negra. Choice C is incorrect. Fernandina has a lower rate of deformation than Sierra Negra. Choice D is incorrect. Maule has a lower rate of

deformation than Sierra Negra.

Question Difficulty: Easy

Question ID f38b40ac

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: f38b40ac

In addition to her technical skill and daring feats, American stunt pilot Bessie Coleman was also known for dazzling the crowds that came to watch her air shows in the 1920s with her exuberant personality. During her career, she was careful and purposeful about how she crafted her public persona. An aviation researcher has claimed that Coleman intentionally defied social norms of the time by how she chose to present herself to the public.

Which quotation from an article about Coleman would most directly support the aviation researcher's claim?

- A. "For her air shows, Coleman frequently used the Curtiss JN-4, or 'Jenny,' which at that time was one of the most well-known types of planes."
- B. "While Coleman was beloved by spectators for her charisma, she had a more complicated relationship with her managers and staff, who at times found her behavior too impulsive and demanding."
- C. "Coleman once considered leaving her career as a stunt pilot to focus her efforts on giving speeches, which she felt would better support her public image."
- D. "Although female pilots were typically expected to wear traditional but impractical attire that included dresses or skirts, photographs of Coleman show her wearing pants and leather jackets."

ID: f38b40ac Answer

Correct Answer: D

Rationale

Choice D is the best answer. This choice supports the claim of Coleman's intentional defiance of social norms: female pilots were expected to wear skirts, but Coleman wore pants and leather jackets instead.

Choice A is incorrect. Coleman flew a well-known, common plane, which would not have defied social norms among pilots. Choice B is incorrect. Her complicated relationship with managers and staff would not have been a component of Coleman's public persona. This choice also fails to mention any "social norms of the time." Choice C is incorrect. While this quotation suggests that Coleman was careful and purposeful about her public image, it doesn't directly mention anything about "social norms of the time."

Question Difficulty: Easy

Question ID 3a1f02b0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 3a1f02b0

The following text is adapted from Frances Hodgson Burnett's 1911 novel *The Secret Garden*. Mary, a young girl, recently found an overgrown hidden garden.

Mary was an odd, determined little person, and now she had something interesting to be determined about, she was very much absorbed, indeed. She worked and dug and pulled up weeds steadily, only becoming more pleased with her work every hour instead of tiring of it. It seemed to her like a fascinating sort of play.

Which choice best states the main idea of the text?

- A. Mary hides in the garden to avoid doing her chores.
- B. Mary is getting bored with pulling up so many weeds in the garden.
- C. Mary is clearing out the garden to create a space to play.
- D. Mary feels very satisfied when she's taking care of the garden.

ID: 3a1f02b0 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately states the main idea of the text. The text describes Mary's activities in an overgrown hidden garden, saying that she was "very much absorbed" and was "only becoming more pleased with her work every hour" rather than getting tired of it. She also thinks of garden activities as a "fascinating sort of play." Thus, the main idea of the text is that Mary feels very satisfied when taking care of the garden.

Choice A is incorrect because the text never makes any mention of Mary's chores. Choice B is incorrect because the text indicates that Mary finds pulling up weeds to be fascinating, not boring. Choice C is incorrect because Mary thinks of garden activities in and of themselves as play, not as something necessary to do to create a space to play.

Question Difficulty: Easy

Question ID 0113152f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0113152f

American fashion designer Patrick Kelly was known for his love of colorful buttons. Many of his signature dresses feature bold assortments of buttons throughout the garment. In a paper, a fashion design student claims that Kelly's use of buttons as decoration was inspired by his childhood observations of the styles and actions of the women in his family.

Which quotation from a work by a historian would be the most effective evidence for the student to include in support of this claim?

- A. "Although some of the assortments of buttons appear to be mismatched pieces scattered randomly throughout Kelly's dresses, his most famous designs feature carefully crafted patterns of matching buttons."
- B. "Many of Kelly's contemporaries were inspired by his designs to incorporate buttons, as well as zippers and snaps, as decorative items in their work."
- C. "Kelly's grandmother, who would repair clothing when he was a child, frequently added mismatched buttons to the clothes to draw attention away from any flaws in the garments."
- D. "Kelly was destined to be a designer from a young age: he learned how to sew clothing from his aunt Bertha, and his love of drawing was developed by his mother."

ID: 0113152f Answer

Correct Answer: C

Rationale

Choice C is the best answer. This quotation draws a direct connection between the use of buttons and Kelly's stylish female relatives.

Choice A is incorrect. This choice mentions Kelly's use of buttons, but it doesn't connect that design choice to the influence of women in Kelly's family. Choice B is incorrect. This choice discusses how other designers were inspired by Kelly, which doesn't provide evidence that Kelly was inspired by his family. Choice D is incorrect. While this choice does refer to fashionable women in Kelly's family, it doesn't connect their influence to Kelly's use of buttons.

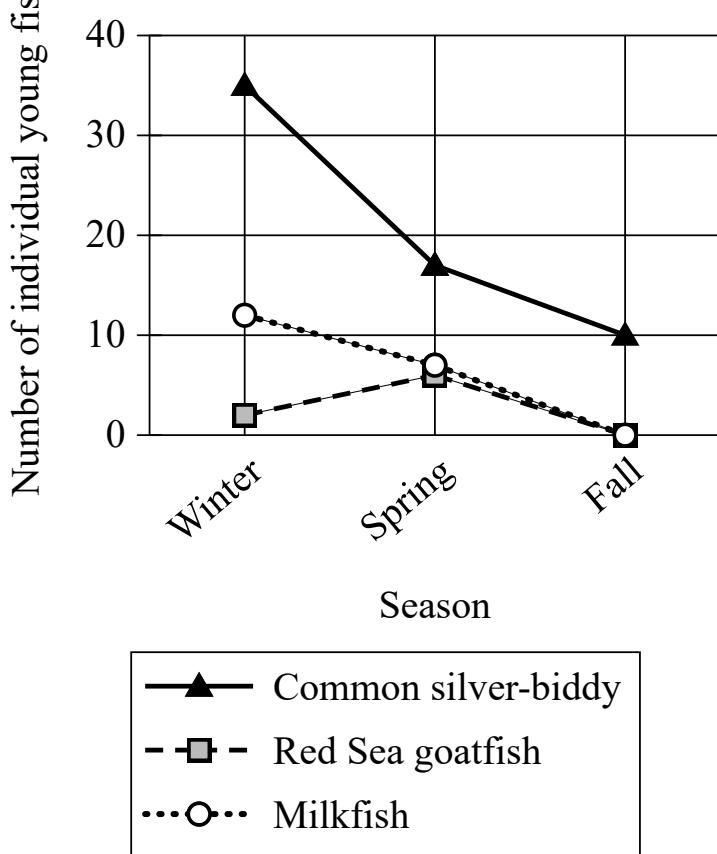
Question Difficulty: Easy

Question ID 37a49687

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: 37a49687

Number of Young Fish Collected at
Mangrove Sites in the Egyptian Red Sea
During Three Seasons of 2010



Mangroves are trees or bushes that grow on the coastlines of seas and rivers. Areas with mangroves are great places for young fish since they help keep these fish fed and protected while they grow. To study the importance of mangroves to young fish, researchers Mohamed A. Abu El-Regal and Nesreen K. Ibrahim collected and identified young fish from three different mangrove sites in the Egyptian Red Sea. They collected fish in the winter, spring, and autumn of 2010, collecting a total of 269 fish from 21 different species. For some species, more fish were collected in the winter than in the other two seasons, for instance: _____

Which choice most effectively uses the data in the graph to complete the example?

- A. more common silver-biddy and milkfish were collected in the winter than in either of the other two seasons.
- B. the common silver-biddy was collected more frequently than the other two species in all three seasons.
- C. in the spring, researchers collected more Red Sea goldfish than they collected from the other two species.
- D. in the fall, researchers collected 10 common silver-biddy but collected no milkfish or Red Sea goatfish.

ID: 37a49687 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The claim is about which fish were collected more in winter than in other seasons. By comparing the number of common silver-biddy and milkfish collected in each season, we can see that more of these fish were collected in winter than in any other season.

Choice B is incorrect. The claim is about which fish were collected more in winter than in other seasons. This statement compares collections across the three species of fish, rather than comparing collections of individual types of fish across seasons. Choice C is incorrect. The claim is about which fish were collected more in winter than in other seasons. This statement is about spring, rather than winter. Choice D is incorrect. The claim is about which fish were collected more in winter than in other seasons. This statement is about fall, rather than winter, fish collections.

Question Difficulty: Easy

Question ID 0b696a0c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 0b696a0c

NASA's *Cassini* probe has detected an unusual wobble in the rotation of Mimas, Saturn's smallest moon. Using a computer model to study Mimas's gravitational interactions with Saturn and tidal forces, geophysicist Alyssa Rhoden and colleagues have proposed that this wobble could be due to a liquid ocean moving beneath the moon's icy surface. The researchers believe other moons should be examined to see if they too might have oceans hidden beneath their surfaces.

Which choice best states the main idea of the text?

- A. Rhoden and colleagues were the first to confirm that several of Saturn's moons contain hidden oceans.
- B. Research has failed to identify signs that there is an ocean hidden beneath the surface of Mimas.
- C. Rhoden and colleagues created a new computer model that identifies moons with hidden oceans without needing to analyze the moons' rotation.
- D. Research has revealed that an oddity in the rotation of Mimas could be explained by an ocean hidden beneath its surface.

ID: 0b696a0c Answer

Correct Answer: D

Rationale

Choice D is the best answer. The study isn't definitive, but it says that Mimas's wobbly rotation could be explained by the hidden ocean.

Choice A is incorrect. This choice goes too far beyond the information in the text. Rhoden's team proposed that one moon of Saturn could have a liquid ocean beneath its surface, and that other moons should also be examined, but no one has confirmed anything. Choice B is incorrect. This choice conflicts with the text. Research has identified at least one sign—the unusual wobble in Mimas's rotation—that might be due to a hidden ocean beneath its surface. Choice C is incorrect. This choice doesn't reflect the text. The computer model studies "gravitational interactions," which seem to account for the wobbly rotation of Mimas.

Question Difficulty: Easy

Question ID 16a4a83b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 16a4a83b

An *Ideal Husband* is an 1895 play by Oscar Wilde. In the play, which is a satire, Wilde suggests that a character named Lady Gertrude Chiltern is perceived as both extremely virtuous and unforgiving, as is evident when another character says

Which quotation from *An Ideal Husband* most effectively illustrates the claim?

- A. "Lady Chiltern is a woman of the very highest principles, I am glad to say. I am a little too old now, myself, to trouble about setting a good example, but I always admire people who do."
- B. "Do you know, [Lady Chiltern], I don't mind your talking morality a bit. Morality is simply the attitude we adopt towards people whom we personally dislike."
- C. "[Lady Chiltern] does not know what weakness or temptation is. I am of clay like other men. She stands apart as good women do—pitiless in her perfection—cold and stern and without mercy."
- D. "Lady Chiltern, you are a sensible woman, the most sensible woman in London, the most sensible woman I know."

ID: 16a4a83b Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses a quotation to illustrate the claim that Lady Gertrude Chiltern is perceived as "both extremely virtuous and unforgiving." In the quotation, a man describes Lady Chiltern as someone who "does not know what weakness or temptation is." In other words, the man regards her as someone who is strong and adheres to a strict definition of moral perfection. However, he ironically suggests that this definition excludes mercy and forgiveness—qualities that are also thought of as virtues; according to him, Lady Chiltern is "pitiless in her perfection—cold and stern and without mercy." This description supports the idea that Lady Chiltern is perceived by others as virtuous as well as unforgiving.

Choice A is incorrect. The quotation supports the claim that Lady Chiltern is perceived as virtuous, in that it describes her as "a woman of the very highest principles." However, it doesn't characterize her as unforgiving or being perceived as such. Choice B is incorrect. The quotation suggests that Lady Chiltern is concerned with morality, but it suggests that her interest in discussing it is fundamentally hypocritical and functions as a means by which to judge others. However, the quotation doesn't address the question of whether Lady Chiltern is unmerciful to those who seek forgiveness for harm they have caused. Choice D is incorrect because it doesn't address either Lady Chiltern's perceived virtuousness or her perceived lack of forgiveness; instead, it expresses the belief that she is sensible.

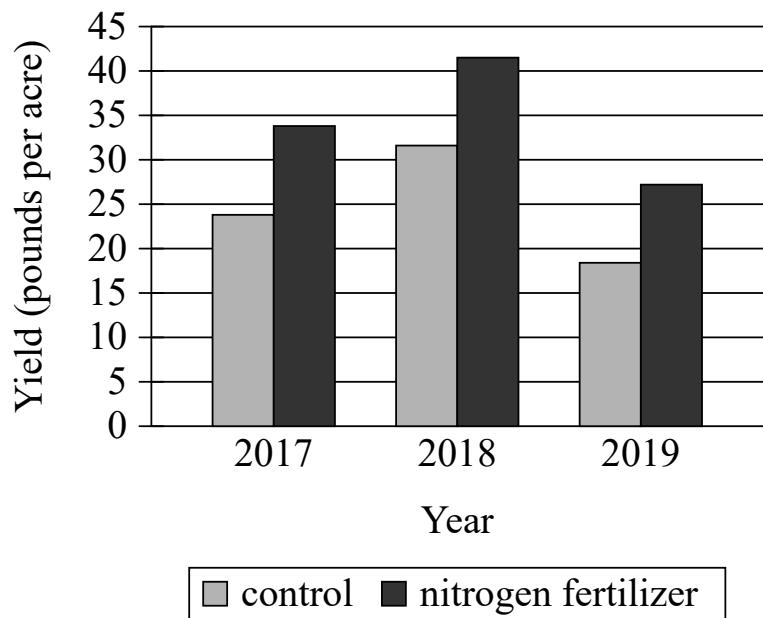
Question Difficulty: Medium

Question ID 1db1a9a6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 1db1a9a6

Cantaloupe Yield



To test the effects of a nitrogen fertilizer on cantaloupe production, researchers grew cantaloupe plants and harvested their fruit over three years. In each year, half the plants were grown using a nitrogen fertilizer, and the other half were grown using a control fertilizer that contained no nitrogen. The researchers concluded that the nitrogen fertilizer increases cantaloupe yield.

Which choice best describes data in the graph that support the researchers' conclusion?

- A. In every year of the experiment, plants treated with the nitrogen fertilizer had a yield of at least 30 pounds per acre.
- B. In every year of the experiment, plants treated with the nitrogen fertilizer had a greater yield than did plants treated with the control fertilizer.
- C. The 2018 yield for plants treated with the control fertilizer was greater than was the 2019 yield for plants treated with the nitrogen fertilizer.
- D. The yield for plants treated with the nitrogen fertilizer increased from 2017 to 2018.

ID: 1db1a9a6 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it describes data from the graph that support the researchers' conclusion that using nitrogen fertilizer increases cantaloupe production. The bar graph shows the cantaloupe yield for plants grown with nitrogen fertilizer and for those grown with a control fertilizer (without nitrogen) for three consecutive years (2017–2019). For each year in the graph, the yield for the nitrogen group is greater than the yield for the control group. In pounds per acre, the value in 2017 for the nitrogen-group yield is greater than 30

while the control-group yield is less than 25; in 2018 the nitrogen-group yield is greater than 40 while the control-group yield is less than 35; and in 2019 the nitrogen-group yield is greater than 25 while the control-group yield is less than 20. Thus, these data from the graph strongly support the conclusion that using nitrogen fertilizer increases cantaloupe yield.

Choice A is incorrect because the bar graph shows that in 2019 the nitrogen group had a yield below 30 pounds per acre. Choice C is incorrect. Although this choice accurately describes data in the bar graph—in 2018, the control-group yield is greater than 30 pounds per acre, and in 2019 the nitrogen-group yield is less than 30 pounds per acre—a claim that the control-group yield exceeds that of the nitrogen group strongly conflicts with the researchers' conclusion that nitrogen fertilizer produces larger yields. Choice D is incorrect. Although it is true that the bar graph shows a higher yield for the nitrogen group in 2018 than in 2017, without the control to compare against, it is impossible to know whether the increase is due to the fertilizer and not, for example, more favorable weather in 2018 than in 2017.

Question Difficulty: Medium

Question ID 493c46bc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 493c46bc

In the South Pacific, New Caledonian crows use two different kinds of stick tools. One tool is complex. The crows shape a stick from a rare plant into a hook. The other tool is basic. The crows find a stick without a hook on the ground. The hooked tool is harder to get but is much better than the basic tool at removing prey from holes. When studying New Caledonian crows, ecologist Barbara Klump found that they hold the hooked tools in their claws when not using them, or they carefully put them in a safe place. The crows don't do the same with the basic tools. This suggests to Klump that the

Which choice most logically completes the text?

- A. hooked stick tools are more valuable to the crows than the stick tools without hooks.
- B. hooked stick tools are easier for most of the crows to hold than the stick tools without hooks.
- C. crows prefer to share their hooked stick tools but don't share the stick tools without hooks.
- D. crows realize that both kinds of stick tools are less effective than their claws are at removing prey from holes.

ID: 493c46bc Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most logically completes the text's discussion of the two types of stick tools used by New Caledonian crows. The text indicates that the more effective type of tool has a hook that the crows make themselves, while the other type of tool is simply a stick without a hook that the crows find and don't shape in any way. According to the text, Klump found that the crows keep hooked tools—but not the tools without hooks—in their grasp or in safe places when they aren't using the tools. If the hooked tools are more effective than the tools without hooks are and the crows are more protective of the hooked tools than they are of the tools without hooks, it's reasonable to conclude that the hooked tools are more valuable to the crows than the tools without hooks are.

Choice B is incorrect because the text gives no indication of how easy it is for the crows to hold either the hooked tools or the tools without hooks. The text does state that crows hold the hooked tools and not the tools without hooks when the tools aren't in use. However, the text also indicates that the hooked tools require work from the crows to make and are more useful for helping the crows catch prey than the tools without hooks are. This context suggests that the crows hold the hooked tools because they're more valuable to the crows than the tools without hooks are, not because the hooked tools are easier to hold. Choice C is incorrect because the text makes no mention of the crows sharing tools. Additionally, the text indicates that when the crows aren't using the hooked tools, they either grasp the tools or store them safely, which suggests that the crows try to maintain possession of the hooked tools, not that crows prefer to share those tools. Choice D is incorrect because the text says nothing about the crows using their claws to remove prey from holes, so there's no evidence that the crows perceive the stick tools to be less effective than their claws are.

Question Difficulty: Easy

Question ID 6e0e0de1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 6e0e0de1

Aerogels are highly porous foams consisting mainly of tiny air pockets within a solidified gel. These lightweight materials are often applied to spacecraft and other equipment required to withstand extreme conditions, as they provide excellent insulation despite typically being brittle and eventually fracturing due to degradation from repeated exposure to high heat. Now, Xiangfeng Duan of the University of California, Los Angeles, and colleagues have developed an aerogel with uniquely flexible properties. Unlike earlier aerogels, Duan's team's material contracts rather than expands when heated and fully recovers after compressing to just 5% of its original volume, suggesting that _____.

Which choice most logically completes the text?

- A. the aerogel's remarkable flexibility results from its higher proportion of air pockets to solidified gel as compared to other aerogels.
- B. the aerogel's overall strength is greater than that of other insulators but its ability to withstand exposure to intense heat is lower.
- C. the aerogel will be more effective as an insulator for uses that involve gradual temperature shifts than for those that involve rapid heat increases.
- D. the aerogel will be less prone to the structural weakness that ultimately causes most other aerogels to break down with use.

ID: 6e0e0de1 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most logically completes the text's discussion of aerogels. The text states that aerogels—highly porous foams—offer "excellent insulation" but typically break down after prolonged exposure to high heat. However, according to the text, Duan and colleagues developed an aerogel that "contracts rather than expands when heated" and recovers its original volume after this contraction. Thus, it is logical to conclude that Duan's team's aerogel material will be less prone to the structural weakness that caused earlier aerogels to break down.

Choice A is incorrect. Although the text indicates that aerogels consist "mainly of tiny air pockets within a solidified gel," it doesn't mention the number or proportion of air pockets to solidified gel in typical aerogels or in the aerogel developed by Duan's team. Choice B is incorrect because the text suggests that the aerogel developed by Duan's team has a higher, not a lower, ability to withstand exposure to intense heat due to its contraction and subsequent recovery. Choice C is incorrect. Although the text discusses temperature tolerances of aerogels and says that they offer "excellent insulation despite typically being brittle and eventually fracturing," it doesn't discuss how different rates of temperature change can affect aerogels.

Question Difficulty: Hard

Question ID 0b96fa93

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0b96fa93

Maximum Height of Maple Trees When Fully Grown

Tree type	Maximum height (feet)	Native to North America
Sugar maple	75	yes
Silver maple	70	yes
Red maple	60	yes
Japanese maple	25	no
Norway maple	50	no

For a school project, a forestry student needs to recommend a maple tree that is native to North America and won't grow more than 60 feet in height. Based on the characteristics of five common maple trees, she has decided to select a _____

Which choice most effectively uses data from the table to complete the text?

- A. silver maple.
- B. sugar maple.
- C. red maple.
- D. Norway maple.

ID: 0b96fa93 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the table to complete the statement about the forestry student's project. The table shows five types of maple trees, each tree's maximum height, and whether each tree is native to North America. The text indicates that the student needs to recommend a maple tree that's native to North America and won't reach a height greater than 60 feet. The red maple is the only tree listed in the table that meets these criteria: its maximum height is 60 feet—meaning that it won't grow higher than 60 feet—and it's native to North America.

Choice A is incorrect because the text states that the student needs to recommend a tree that's native to North America and won't grow higher than 60 feet, but the table shows that the maximum height of the silver maple is 70 feet. Choice B is incorrect because the text states that the student needs to recommend a tree that's native to North America and won't grow higher than 60 feet, but the table shows that the maximum height of the sugar maple is 75 feet. Choice D is incorrect because the text states that the student needs to recommend a tree that's native to North America and won't grow higher than 60 feet, but the table shows that the Norway maple isn't native to North America.

Question Difficulty: Easy

Question ID f2250478

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f2250478

Among social animals that care for their young, such as chickens, macaque monkeys, and humans, newborns appear to show an innate attraction to faces and face-like stimuli. Elisabetta Versace and her colleagues used an image of three black dots arranged in the shape of eyes and a nose or mouth to test whether this trait also occurs in *Testudo* tortoises, which live alone and do not engage in parental care. They found that tortoise hatchlings showed a significant preference for the image, suggesting that _____.

Which choice most logically completes the text?

- A. face-like stimuli are likely perceived as harmless by newborns of social species that practice parental care but as threatening by newborns of solitary species without parental care.
- B. researchers should not assume that an innate attraction to face-like stimuli is necessarily an adaptation related to social interaction or parental care.
- C. researchers can assume that the attraction to face-like stimuli that is seen in social species that practice parental care is learned rather than innate.
- D. newly hatched *Testudo* tortoises show a stronger preference for face-like stimuli than adult *Testudo* tortoises do.

ID: f2250478 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the conclusion that most logically follows from the text's discussion of the study by Versace and colleagues. The text indicates that newborn animals of some species are attracted to faces and to stimuli that resemble faces. These species, the text says, share two characteristics: they're social and they practice parental care, meaning that parents care for their young. The text goes on to describe Versace and colleagues' experiment, which showed that *Testudo* tortoises, which aren't social and don't practice parental care, were attracted to a stimulus that resembles a face. Since Versace and colleagues have shown that a species that isn't social and doesn't practice parental care nevertheless has the innate characteristic of being attracted to face-like stimuli, it follows that this characteristic shouldn't be assumed to be an adaptation related to social interaction or parental care.

Choice A is incorrect because the text indicates that the tortoise hatchlings, which are solitary and don't practice parental care, were attracted to the face-like stimuli, not that they perceived the stimuli as threatening. Choice C is incorrect because the phenomenon discussed in the text is an attraction to faces and face-like stimuli on the part of newborn animals, which can't show any learned characteristics since they were just born. Additionally, the text tells us that the tortoises Versace and colleagues studied aren't social and don't practice parental care, so any findings about those tortoises wouldn't be relevant to the question of whether an attraction to faces in social species that practice parental care is innate or learned. Choice D is incorrect because the text gives no indication that adult tortoises were tested on face-like stimuli and, if adults were in fact tested, no information about how they responded is provided. Since no information about adult tortoises' responses is provided, no conclusion comparing those responses to the responses of newly hatched tortoises can be supported.

Question Difficulty: Hard

Question ID 26ee16ba

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 26ee16ba

Hip-hop pedagogy is a form of teaching that's gaining popularity across school subjects. It involves incorporating hip-hop and rap music into lessons as well as using hip-hop elements when teaching other subject matters. For example, Quan Neloms's students look for college-level vocabulary and historical events in rap songs. Researchers claim that in addition to developing students' social justice awareness, hip-hop pedagogy encourages student success by raising students' interest and engagement.

Which finding, if true, would most strongly support the underlined claim?

- A. Students tend to be more enthusiastic about rap music than they are about hip-hop music.
- B. Students who are highly interested in social justice issues typically don't sign up for courses that incorporate hip-hop and rap music.
- C. Educators report that they enjoy teaching courses that involve hip-hop and rap music more than teaching courses that don't.
- D. Courses that incorporate hip-hop and rap music are among the courses with the highest enrollment and attendance rates.

ID: 26ee16ba Answer

Correct Answer: D

Rationale

Choice D is the best answer. Enrollment and attendance are logical ways to measure whether students are interested and engaged. High enrollment and attendance suggests a high level of interest and engagement.

Choice A is incorrect. This choice doesn't support the claim. Students' preferences between hip-hop and rap aren't relevant to the claim, which is focused on whether or not students like classes that use hip-hop pedagogy (which includes the educational use of both hip-hop and rap). Choice B is incorrect. This choice doesn't support the claim. While the first part of the sentence discusses social justice, the underlined claim focuses on student success, which is unrelated. Choice C is incorrect. This choice doesn't support the claim. This tells us about teacher enjoyment, which isn't relevant to a claim about student interest and engagement.

Question Difficulty: Easy

Question ID 01c1d9ee

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 01c1d9ee

Swahili Speakers in Three African Countries

Country	Approximate number of speakers (in millions)	Estimated % of population
Democratic Republic of the Congo	22	25
Kenya	55	100
Tanzania	61	100

Swahili is estimated to be the first language of up to 15 million people worldwide. It's also an officially recognized language in Tanzania, Kenya, and the Democratic Republic of the Congo, which means these countries use Swahili in government documents and proceedings. But even in countries where almost everyone speaks Swahili, for many it isn't their first language but is instead their second, third, or even fourth language.

Which choice most effectively uses data from the table to support the underlined claim?

- A. Tanzania has approximately 61 million Swahili speakers, which is much more than the estimated total number of people worldwide for whom Swahili is their first language.
- B. Tanzania is estimated to have at most 15 million Swahili speakers, while the country's total population is approximately 61 million people.
- C. Approximately 100 percent of the people who speak Swahili as their first language live in Kenya, which has a total population of approximately 55 million people.
- D. Approximately 100 percent of Kenya's population speaks Swahili, while only about 25 percent of the Democratic Republic of the Congo's population speaks Swahili.

ID: 01c1d9ee Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to support the underlined claim. The text indicates that Swahili is the first language of up to 15 million people worldwide. The text goes on to claim, in the underlined portion, that even in countries where nearly everyone speaks Swahili, many of the language's speakers don't have Swahili as their first language. The table indicates that 61 million people in Tanzania, which amounts to 100 percent of the population, speak Swahili. If 61 million people in Tanzania speak Swahili, but only 15 million people worldwide have Swahili as their first language, that means there are many people in Tanzania who speak Swahili as a language other than their first language. This information about Swahili speakers in Tanzania therefore supports the claim that many Swahili speakers in countries where nearly everyone speaks Swahili speak it as a language other than their first language (such as their second, third, or fourth language).

Choice B is incorrect because it doesn't accurately describe information in the table. According to the table, Tanzania has 61 million Swahili speakers, not at most 15 million Swahili speakers. Additionally, the table indicates that 100 percent of Tanzania's population speak Swahili, which means that the number of Swahili speakers in the country and the country's total population should be the same, not that they should differ by such a large amount. Choice C is incorrect because there's no information in the table or the text that indicates where people who speak Swahili as their first language live. Although Kenya's total population can be inferred from the table—if Kenya has 55 million Swahili speakers and 100% of Kenya's population speak Swahili, then Kenya must have a population of 55 million people—nothing suggests that all the people who speak Swahili as their first language live in a single country, let alone that they all live in Kenya. Choice D is incorrect. Although the table does indicate that 100 percent of Kenya's population and 25 percent of the Democratic Republic of the Congo's population speak Swahili, this comparison is irrelevant to the claim that Swahili isn't the first language of many of its speakers even in countries where almost everyone speaks Swahili. On its own, a difference in the proportions of the population who speak Swahili cannot reveal whether those Swahili speakers have Swahili as their first language or a subsequent language.

Question Difficulty: Hard

Question ID 2c06139b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ ■

ID: 2c06139b

Tadpole Body Mass and Toxin Production after Three Weeks in Ponds

Population density	Average tadpole body mass (milligrams)	Average number of distinct bufadienolide toxins per tadpole	Average amount of bufadienolide per tadpole (nanograms)	Average bufadienolide concentration (nanograms per milligram of tadpole body mass)
High	193.87	22.69	5,815.51	374.22
Medium	254.56	21.65	5,525.72	230.10
Low	258.97	22.08	4,664.99	171.43

Ecologist Veronika Bókony and colleagues investigated within-species competition among common toads (*Bufo bufo*), a species that secretes various unpleasant-tasting toxins called bufadienolides in response to threats. The researchers tested *B. bufo* tadpoles' responses to different levels of competition by creating ponds with different tadpole population densities but a fixed amount of food. Based on analysis of the tadpoles after three weeks, the researchers concluded that increased competition drove bufadienolide production at the expense of growth.

Which choice uses data from the table to most effectively support the researchers' conclusion?

- A. The difference in average tadpole body mass was small between the low and medium population density conditions and substantially larger between the low and high population density conditions.
- B. Tadpoles in the low and medium population density conditions had substantially lower average bufadienolide concentrations but had greater average body masses than those in the high population density condition.
- C. Tadpoles in the high population density condition displayed a relatively modest increase in the average amount of bufadienolide but roughly double the average bufadienolide concentration compared to those in the low population density condition.
- D. Tadpoles produced approximately the same number of different bufadienolide toxins per individual across the population density conditions, but average tadpole body mass decreased as population density increased.

ID: 2c06139b Answer

Correct Answer: B

Rationale

Choice B is the best answer. This data shows that the tadpoles in the high-density pond (meaning those with the most competition) didn't grow as big as the other two groups but produced more bufadienolide.

Choice A is incorrect. This doesn't fully support the conclusion. It doesn't include any data about bufadienolide production. Choice C is incorrect. This doesn't fully support the conclusion. It doesn't include any data about growth. Choice D is incorrect. This doesn't fully support the conclusion. It doesn't demonstrate that the tadpoles

in the high-density pond produced more bufadienolide overall. The fact that they didn't produce more kinds of bufadienolide isn't relevant to the conclusion.

Question Difficulty: Hard

Question ID 4f9f8ea6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 4f9f8ea6

Birds of many species ingest foods containing carotenoids, pigmented molecules that are converted into feather coloration. Coloration tends to be especially saturated in male birds' feathers, and because carotenoids also confer health benefits, the deeply saturated colors generally serve to communicate what is known as an honest signal of a bird's overall fitness to potential mates. However, ornithologist Allison J. Shultz and others have found that males in several species of the tanager genus *Ramphocelus* use microstructures in their feathers to manipulate light, creating the appearance of deeper saturation without the birds necessarily having to maintain a carotenoid-rich diet. These findings suggest that

Which choice most logically completes the text?

- A. individual male tanagers can engage in honest signaling without relying on carotenoid consumption.
- B. feather microstructures may be less effective than deeply saturated feathers for signaling overall fitness.
- C. scientists have yet to determine why tanagers have a preference for mates with colorful appearances.
- D. a male tanager's appearance may function as a dishonest signal of the individual's overall fitness.

ID: 4f9f8ea6 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most logically completes the text's discussion of Shultz's finding about male tanagers. The text explains that because carotenoids both contribute to deeply saturated feathers and offer health benefits, having deeply saturated feathers is usually "an honest signal" (a true indication) that a bird is generally fit. However, Shultz and others have found that certain male tanagers can appear to have deeply saturated feathers even if they haven't consumed a diet rich in carotenoids, thanks to microstructures in their feathers that manipulate light. If those birds aren't necessarily eating carotenoid-rich diets, they may actually be less fit than other birds that appear to have similarly saturated feathers; this suggests that a male tanager's appearance may function as a dishonest signal, or a false indication, of the bird's overall fitness.

Choice A is incorrect because Shultz's finding suggests that some tanagers can signal fitness without consuming the carotenoids that contribute to fitness, thereby making those signals dishonest, not that tanagers can give honest signals of their fitness without consuming carotenoids. Choice B is incorrect because Shultz's finding suggests that the microstructures in certain tanagers' feathers can give a dishonest signal of fitness, not that the microstructures are less effective than actual pigmentation for signaling fitness. Whether the signal of fitness is honest or dishonest has no bearing on how effective the signal is: a signal is effective if potential mates behave as though it's true, regardless of whether it's actually true. Since there's no information in the text about how potential mates respond to the dishonest signals of some tanagers, there's no support for the idea that the dishonest signals are less effective than the honest signals. Choice C is incorrect because Shultz's finding suggests that certain male tanagers may appear to be fitter than they actually are, not that scientists haven't determined why tanagers prefer mates with colorful appearances.

Question Difficulty: Hard

Question ID 5eda42a3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 5eda42a3

The following text is from Maggie Pogue Johnson's 1910 poem "Poet of Our Race." In this poem, the speaker is addressing Paul Laurence Dunbar, a Black author.

Thou, with stroke of mighty pen,
Hast told of joy and mirth,
And read the hearts and souls of men
As cradled from their birth.
The language of the flowers,
Thou hast read them all,
And e'en the little brook
Responded to thy call.

Which choice best states the main purpose of the text?

- A. To praise a certain writer for being especially perceptive regarding people and nature
- B. To establish that a certain writer has read extensively about a variety of topics
- C. To call attention to a certain writer's careful and elaborately detailed writing process
- D. To recount fond memories of an afternoon spent in nature with a certain writer

ID: 5eda42a3 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately states the main purpose of the text. In the first part of the text, the speaker addresses Paul Laurence Dunbar's ability to understand people (he has "read the hearts and souls of men" and written of their "joy and mirth"). In the second part of the text, the speaker describes Dunbar's thorough understanding of the natural world (he has read "the language of the flowers" and engaged with "the little brook"). Thus, the text mainly praises Dunbar for being especially perceptive about people and nature.

Choice B is incorrect because the speaker describes Dunbar as having read the "hearts and souls of men" and the "language of flowers" to convey Dunbar's ability to comprehend people and nature, not to suggest that Dunbar has literally read any of these things or has read a great deal about them. Choice C is incorrect because the text notes how well Dunbar has made sense of the topics he's written about but doesn't address any specific parts of Dunbar's writing process beyond the suggestion that he used a pen. Choice D is incorrect because the text focuses on Dunbar's understanding of people and nature as expressed in his writing. Nothing in the text suggests that the speaker is recalling a particular afternoon actually spent in nature with Dunbar; even if there had been a shared experience, the text isn't focused on reminiscing.

Question Difficulty: Hard

Question ID b5e9f3c2

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: b5e9f3c2

Ancestral Puebloans, the civilization from which present-day Pueblo tribes descended, emerged as early as 1500 B.C.E. in an area of what is now the southwestern United States and dispersed suddenly in the late 1200s C.E., abandoning established villages with systems for farming crops and turkeys. Recent analysis comparing turkey remains at Mesa Verde, one such village in southern Colorado, to samples from modern turkey populations in the Rio Grande Valley of north central New Mexico determined that the latter birds descended in part from turkeys cultivated at Mesa Verde, with shared genetic markers appearing only after 1280. Thus, researchers concluded that _____.

Which choice most logically completes the text?

- A. conditions of the terrains in the Rio Grande Valley and Mesa Verde had greater similarities in the past than they do today.
- B. some Ancestral Puebloans migrated to the Rio Grande Valley in the late 1200s and carried farming practices with them.
- C. Indigenous peoples living in the Rio Grande Valley primarily planted crops and did not cultivate turkeys before 1280.
- D. the Ancestral Puebloans of Mesa Verde likely adopted the farming practices of Indigenous peoples living in other regions.

ID: b5e9f3c2 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents the conclusion that most logically follows from the text's discussion of Ancestral Puebloans' migration to the Rio Grande Valley. The text states that in the late 1200s C.E., the Ancestral Puebloan civilization abandoned villages in its original homeland, which included the Mesa Verde site. The text goes on to say that recent genetic analysis has demonstrated that the modern turkey population in the Rio Grande Valley descends partly from the ancient turkeys raised at Mesa Verde, and that the genetic markers shared by the two turkey populations first appeared at Mesa Verde only after 1280 C.E. Therefore, it can reasonably be concluded that some Ancestral Puebloans migrated to the Rio Grande Valley in the late 1200s and carried their agricultural practices—including the farming of turkeys—to their new home.

Choice A is incorrect because the text never compares the condition of the Rio Grande Valley's terrain to that of Mesa Verde's terrain, either in the present or in the past. Choice C is incorrect. Although genetic analysis has demonstrated that the modern turkey population in the Rio Grande valley descended in part from the turkey population raised by the Ancestral Puebloans of Mesa Verde before their migration to the valley in 1280, this finding doesn't eliminate the possibility that Indigenous peoples living in the valley before 1280 might also have farmed turkeys. Choice D is incorrect. The text doesn't consider the possibility that before their migration to the Rio Grande Valley after 1280, the Ancestral Puebloans of Mesa Verde might have adopted turkey farming from an outside Indigenous civilization in another region; instead, the text provides evidence suggesting that the Ancestral Puebloans brought turkey farming to another region—the Rio Grande Valley—after 1280.

Question Difficulty: Hard

Question ID b7f79059

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: b7f79059

The following text is from Ezra Pound's 1909 poem "Hymn III," based on the work of Marcantonio Flaminio.

As a fragile and lovely flower unfolds its gleaming
foliage on the breast of the fostering earth, if
the dew and the rain draw it forth;
So doth my tender mind flourish, if it be fed with the
sweet dew of the fostering spirit,
Lacking this, it beginneth straightway to languish,
even as a floweret born upon dry earth, if the
dew and the rain tend it not.

Based on the text, in what way is the human mind like a flower?

- A. It becomes increasingly vigorous with the passage of time.
- B. It draws strength from changes in the weather.
- C. It requires proper nourishment in order to thrive.
- D. It perseveres despite challenging circumstances.

ID: b7f79059 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a description of how the human mind is like a flower that is directly supported by the text. The text compares the needs of a "fragile and lovely flower" to those of the speaker's "tender mind": both need to be fed if they're going to survive. Without such feeding, they'll "beginneth straightway to languish," or weaken. Thus, the text suggests that the human mind is like a flower in that they both need proper nourishment in order to thrive.

Choice A is incorrect because the text doesn't address the passage of time or describe either the human mind or a flower as becoming increasingly vigorous. Choice B is incorrect because the text doesn't suggest that human minds or flowers draw strength from changes in weather. The references to rain in the text pertain to a flower's need for water rather than the general effects of changing weather. Choice D is incorrect because the text doesn't suggest that the human mind or a flower will persist regardless of challenging circumstances. In fact, the text indicates that they'll both languish right away if not given what they need.

Question Difficulty: Medium

Question ID dd349efc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: dd349efc

Participants' Evaluation of the Likelihood That Robots Can Work Effectively in Different Occupations

Occupation	Somewhat or very unlikely (%)	Neutral (%)	Somewhat or very likely (%)
television news anchor	24	9	67
teacher	37	16	47
firefighter	62	9	30
surgeon	74	9	16
tour guide	10	8	82

Rows in table may not add up to 100 due to rounding.

Georgia Tech roboticists De'Aira Bryant and Ayanna Howard, along with ethicist Jason Borenstein, were interested in people's perceptions of robots' competence. They recruited participants and asked them how likely they think it is that a robot could do the work required in various occupations. Participants' evaluations varied widely depending on which occupation was being considered; for example, _____

Which choice most effectively uses data from the table to complete the example?

- A. 47% of participants believe that it is somewhat or very likely that a robot could work effectively as a teacher, but 37% of respondents believe that it is somewhat or very unlikely that a robot could do so.
- B. 9% of participants were neutral about whether a robot could work effectively as a television news anchor, which is the same percent of participants who were neutral when asked about a robot working as a surgeon.
- C. 82% of participants believe that it is somewhat or very likely that a robot could work effectively as a tour guide, but only 16% believe that it is somewhat or very likely that a robot could work as a surgeon.
- D. 62% of participants believe that it is somewhat or very unlikely that a robot could work effectively as a firefighter.

ID: dd349efc Answer

Correct Answer: C

Rationale

Choice C is the best answer because it effectively uses data from the table to complete the example of variations in participants' evaluations. The table shows participants' evaluations of the likelihood that robots could work effectively in different occupations. The text asserts that participants' evaluations varied widely depending on the occupation being considered and introduces an example supporting that assertion. The data from the table showing that 82% of participants believe that it is somewhat or very likely that a robot could work effectively as a tour guide but only 16% of participants believe that it is somewhat or very likely that a robot could work effectively as a surgeon illustrate this assertion: those data show participants' views changing substantially with the occupation being considered.

Choice A is incorrect because it does not describe data that illustrate the assertion that participants' evaluations varied widely depending on which occupation was being considered. Although this choice accurately describes data in the table, data about participants' responses when considering a single occupation—teaching—could not be an example of people's views changing substantially depending on the occupation being considered. Choice B is incorrect because it identifies a similarity in participants' responses when considering two different occupations, but the assertion that the example is intended to illustrate is that participants' evaluations varied widely depending on the occupation being considered. Although this choice accurately describes data in the table, those data do not illustrate the assertion in the text. Choice D is incorrect because it does not describe data that illustrate the assertion that participants' evaluations varied widely depending on which occupation was being considered. Although this choice accurately describes data in the table, data showing participants' evaluation of just one occupation could not be an example of participants' evaluations changing depending on the occupation under evaluation.

Question Difficulty: Medium

Question ID 47f2cddd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 47f2cddd

"The Rock and the Sea" is an 1893 poem by Charlotte Perkins Gilman. In the poem, a rock is portrayed as intending to confront and restrain the sea: _____

Which quotation from "The Rock and the Sea" most effectively illustrates the claim?

- A. "I am the Rock. Black midnight falls; / The terrible breakers rise like walls; / With curling lips and gleaming teeth / They plunge and tear at my bones beneath."
- B. "I am the Sea. I hold the land / As one holds an apple in his hand, / Hold it fast with sleepless eyes, / Watching the continents sink and rise."
- C. "I am the Rock, presumptuous Sea! / I am set to encounter thee. / Angry and loud or gentle and still, / I am set here to limit thy power, and I will!"
- D. "I am the Sea. The earth I sway; / Granite to me is potter's clay; / Under the touch of my careless waves / It rises in turrets and sinks in caves."

ID: 47f2cddd Answer

Correct Answer: C

Rationale

Choice C is the best answer. This quotation focuses on the rock, which yells at the sea and announces its intent to "limit [the sea's] power." This matches the idea of confrontation and restraint in the claim we're trying to support.

Choice A is incorrect. This choice doesn't illustrate the claim. While this quotation does focus on the rock, it suggests that the rock fears the sea. It lacks the sense of boldness and strength implied by the phrase "confront and restrain the sea." Choice B is incorrect. This choice doesn't illustrate the claim. This quotation focuses on the sea, not the rock. Choice D is incorrect. This choice doesn't illustrate the claim. This quotation focuses on the sea, not the rock.

Question Difficulty: Easy

Question ID 08ff903e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 08ff903e

A museum curator is writing a biographical statement about Trinidadian-born Chinese dancer, choreographer, and teacher Dai Ailian for a new exhibit on Chinese dance. The curator claims that some of the pieces Dai created shortly after arriving in mainland China in 1941, such as the solo dance *Yao Drum*, reflect a desire to represent the dances of local communities Dai visited during her travels through China.

Which quotation from a work by a dance historian would be the most effective evidence for the curator to include in support of this claim?

- A. "There is no sound or music accompanying Dai's movements in *Yao Drum*, aside from the sounds of drumsticks beating against a drum and against each other."
- B. "Unlike some of the works Dai created in the early 1940s, *Yao Drum* does not feature a narrative structure, humorous elements, or references to real-life events."
- C. "*Yao Drum* was inspired by a ceremonial dance Dai witnessed during her time performing field research among the Yao people in the province of Guizhou in 1941 or 1942."
- D. "*Yao Drum* is notable for its intense physicality, with Dai performing sharp jumps, swift turns, and dramatic sweeps of her legs through the air as she moves in circles on the stage."

ID: 08ff903e Answer

Correct Answer: C

Rationale

Choice C is the best answer. This choice clearly states that *Yao Drum* was inspired by a ceremonial dance of the Yao people. This directly supports the curator's claim that some of Dai's pieces "represent the dances of local communities" she visited.

Choice A is incorrect. This choice discusses the sound and music in *Yao Drum*, but it doesn't connect these elements to "the dances of local communities," which is the focus of the claim. Choice B is incorrect. This choice doesn't mention the dances of local communities, but instead discusses how *Yao Drum* is different from some of Dai's earlier works. Choice D is incorrect. This choice describes the choreography of *Yao Drum*, but it doesn't connect these elements to "the dances of local communities," which is the focus of the claim.

Question Difficulty: Easy

Question ID 6536183b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 6536183b

In the mountains of Brazil, *Barbacenia tomentosa* and *Barbacenia macrantha*—two plants in the Velloziaceae family—establish themselves on soilless, nutrient-poor patches of quartzite rock. Plant ecologists Anna Abrahão and Patricia de Britto Costa used microscopic analysis to determine that the roots of *B. tomentosa* and *B. macrantha*, which grow directly into the quartzite, have clusters of fine hairs near the root tip; further analysis indicated that these hairs secrete both malic and citric acids. The researchers hypothesize that the plants depend on dissolving underlying rock with these acids, as the process not only creates channels for continued growth but also releases phosphates that provide the vital nutrient phosphorus.

Which finding, if true, would most directly support the researchers' hypothesis?

- A. Other species in the Velloziaceae family are found in terrains with more soil but have root structures similar to those of *B. tomentosa* and *B. macrantha*.
- B. Though *B. tomentosa* and *B. macrantha* both secrete citric and malic acids, each species produces the acids in different proportions.
- C. The roots of *B. tomentosa* and *B. macrantha* carve new entry points into rocks even when cracks in the surface are readily available.
- D. *B. tomentosa* and *B. macrantha* thrive even when transferred to the surfaces of rocks that do not contain phosphates.

ID: 6536183b Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would support the researchers' hypothesis about the plants' dependence on dissolving rock. The text indicates that the roots of the two plant species grow directly into quartzite rock, where hairs on the roots secrete acids that dissolve the rock. The researchers hypothesize that the plants depend on this process because dissolving rock opens spaces for the roots to grow and releases phosphates that provide the plants with phosphorous, a vital nutrient. If the plants carry out this process of dissolving rock even when the rock already has spaces into which the roots could grow, that would support the researchers' hypothesis because it suggests that the plants are getting some advantage—such as access to phosphorous—from the action of dissolving rock. If the plants don't benefit from dissolving rock, they would be expected to grow in the cracks that already exist, as doing so would mean that the plants don't have to spend energy creating and secreting acids; if, however, the plants create new entry points by dissolving rock even when cracks already exist, that would support the hypothesis that they depend on dissolving rock for some benefit.

Choice A is incorrect because the existence of soil-inhabiting members of the Velloziaceae family with similar root structures to those of the two species discussed in the text wouldn't support the researchers' hypothesis that the species discussed in the text depend on dissolving rock. If other such members exist, that might suggest that the root structures can serve more functions than secreting acids to dissolve rock (since dissolving rock may not be necessary for plants living in soil), but that wouldn't suggest anything about whether the species discussed in the text benefit from dissolving rock. Choice B is incorrect because differences in the proportions of

citric and malic acid secreted by the two species would be irrelevant to the hypothesis that the plants depend on dissolving rock. There's no information in the text to suggest that the proportion of each acid has any bearing on the process of dissolving rock or on any benefits the plants might receive from that process. Choice D is incorrect because if the two species thrive on rocks without phosphates, that would weaken the researchers' hypothesis that the plants depend on dissolving rock partly because dissolving rock gives them access to phosphates. If the plants can survive on rocks without getting a vital nutrient by dissolving those rocks, then either the nutrient isn't actually vital for those plants or they can get the nutrient in some way other than by dissolving rocks.

Question Difficulty: Hard

Question ID adbcbce0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: adbcbce0

The following text is adapted from Christina Rossetti's 1881 poem "Monna Innominate 2."

I wish I could remember that first day,

First hour, first moment of your meeting me,

If bright or dim the season, it might be

Summer or Winter for [all] I can say;

So unrecorded did it slip away,

So blind was I to see and to foresee,

So dull to mark the budding of my tree

That would not blossom yet for many a May.

Which choice best states the main idea of the text?

- A. The speaker celebrates how the passage of time has strengthened a relationship that once seemed unimportant.
- B. Because the speaker did not anticipate how important a relationship would become, she cannot recall how the relationship began, which she regrets.
- C. As the anniversary of the beginning of an important relationship approaches, the speaker feels conflicted about how best to commemorate it.
- D. After years of neglecting a once valuable relationship, the speaker worries it may be too late for her to salvage the relationship.

ID: adbcbce0 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The speaker says that they wish they could remember when they first met someone, but they can't remember the meeting at all, because they didn't know at the time that the relationship would "blossom" later on.

Choice A is incorrect. The speaker does say that the relationship has "blossomed" over time, but only briefly at the end—and they don't really "celebrate" that fact. Rather, the text has a more regretful tone: it's about how the speaker can't remember first meeting this person, and they wish they could. Choice C is incorrect. The speaker doesn't mention an anniversary—in fact, the speaker can't remember when they met the person they're talking about. Choice D is incorrect. The speaker doesn't say that they neglected the relationship. In fact, the speaker suggests that the relationship has become very important to them—that's why the speaker wishes that they could remember their first meeting.

Question Difficulty: Medium

Question ID 1d08c7ee

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 1d08c7ee

Pulitzer Prize-winning writer Héctor Tobar has built a multifaceted career as both a journalist and an author of short stories and novels. In an essay about Tobar's work, a student claims that Tobar blends his areas of expertise by applying journalism techniques to his creation of works of fiction.

Which quotation from a literary critic best supports the student's claim?

- A. "For one novel, an imagined account of a real person's global travels, Tobar approached his subject like a reporter, interviewing people the man had met along the way and researching the man's own writings."
- B. "Tobar got his start as a volunteer for *El Tecolote*, a community newspaper in San Francisco, and wrote for newspapers for years before earning a degree in creative writing and starting to publish works of fiction."
- C. "Many of Tobar's notable nonfiction articles are marked by the writer's use of techniques usually associated with fiction, such as complex narrative structures and the incorporation of symbolism."
- D. "The protagonist of Tobar's third novel is a man who wants to be a novelist and keeps notes about interesting people he encounters so he can use them when developing characters for his stories."

ID: 1d08c7ee Answer

Correct Answer: A

Rationale

Choice A is the best answer. The example of Tobar approaching his subject "like a reporter," including conducting "interviews" and "research," shows Tobar applying journalism techniques to his fiction-writing.

Choice B is incorrect. This choice doesn't support the claim. It tells us about Tobar's initial career as a journalist, but it doesn't say anything about him "applying journalism techniques" to his fiction-writing. Choice C is incorrect. This choice doesn't support the claim. It tells us that Tobar applied fiction techniques to his nonfiction writing, but we're looking for evidence of the other way around: that Tobar applied journalism techniques to his fiction-writing. Choice D is incorrect. This choice doesn't support the claim. It tells us that a character in one of Tobar's novels applied a journalism technique to his fiction-writing, but it doesn't tell us that Tobar did that himself.

Question Difficulty: Medium

Question ID 575e67df

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 575e67df

By running computer simulations of the development of our solar system, André Izidoro, Rajdeep Dasgupta, and colleagues concluded that the Sun may have been surrounded by three giant dust rings before the planets started to form. The researchers suggest that the materials in the innermost ring became the four planets closest to the Sun, the materials in the middle ring produced the rest of the planets, and the materials in the outermost ring created the asteroids and other small bodies in the region beyond Neptune. In one simulation, the researchers delayed the initial formation of the middle ring, causing oversized super-Earths to begin developing from the innermost ring. The researchers therefore hypothesize that _____

Which choice most logically completes the text?

- A. the middle ring formed earlier in the solar system's development than the initial simulations suggested.
- B. the timing of the initial formation of the middle ring played an important role in determining the eventual size of Earth.
- C. if the formation of the outermost ring had occurred earlier in a simulation, all the planets would have become super-Earths.
- D. the innermost ring actually formed into all the planets in our solar system, not just the four closest to the Sun.

ID: 575e67df Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically follows from the text's discussion of André Izidoro, Rajdeep Dasgupta, and colleagues' computer simulations of our solar system's development. The text begins by stating that the simulations led the researchers to conclude that the solar system likely formed from three giant dust rings that encircled the Sun. The text explains that the four inner planets, including Earth, formed from the innermost ring and that the remaining planets formed from the middle ring. It then explains that in one simulation, the researchers delayed the formation of the middle ring—that is, they tested to see what would happen if the middle ring had formed later than it actually did. They found that doing so affected the size of the innermost planets, resulting in oversized super-Earths, planets that are much larger than Earth. Since the delayed timing had the effect of changing the size of Earth in the simulation relative to Earth's real size, it's reasonable to conclude that the timing of the middle ring's formation was important in determining Earth's eventual size.

Choice A is incorrect. Although the text explains that when the researchers delayed the formation of the middle ring in one simulation, the size of the innermost planets was affected (which suggests that the middle ring likely formed earlier than it did in this simulation), the text doesn't indicate that this was an initial simulation—that is, a simulation that was conducted before other simulations. Moreover, the text makes no reference to the specific results of any other simulations; therefore, there is no basis for comparing any conclusions based on the simulation in which the middle ring's formation was delayed with conclusions based on other simulations. Choice C is incorrect because the text discusses how altering the timing of the formation of the middle ring, not the outermost ring, affected the four innermost planets' eventual size in the researchers' simulation; therefore,

the simulation offers no basis for a conclusion about how the outermost ring's formation affected the size of the planets. Choice D is incorrect because there is nothing in the text to suggest that the innermost ring produced all the solar system's planets. Rather, the text states that the simulations showed that the innermost planets formed from the innermost ring and that the remaining planets formed from the middle ring.

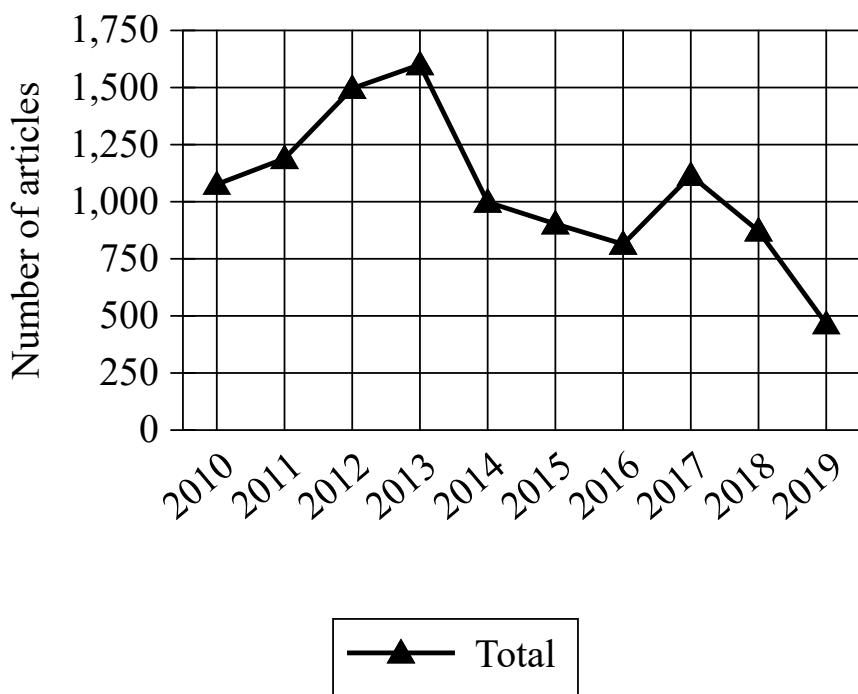
Question Difficulty: Medium

Question ID e441da80

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: e441da80

Investigative Articles
Published in the Albuquerque Journal
from 2010 to 2019



Investigative journalists research and report about fraud, corruption, public hazards, and more. The graph shows the number of investigative articles published in the *Albuquerque Journal* newspaper from 2010 to 2019. According to an analyst, although the number of investigative articles published in this newspaper has varied significantly over the period shown, the number overall has fallen since 2010.

Which choice most effectively uses data from the graph to justify the underlined claim?

- A. The newspaper published approximately 1,000 investigative articles in 2010 and approximately 500 in 2019.
- B. The smallest annual number of investigative articles published in the newspaper during the period shown is approximately 1,600 in 2013.
- C. The greatest annual number of investigative articles published in the newspaper during the period shown is approximately 1,000 in 2017.
- D. The newspaper published approximately 1,000 investigative articles in 2010 and approximately 1,600 in 2013.

ID: e441da80 Answer

Correct Answer: A

Rationale

Choice A is the best answer. By comparing the number of investigative articles in 2010 to the number in 2019, we can see that the number has fallen overall.

Choice B is incorrect. This choice misreads the graph. The 1,600 articles published in 2013 was the largest annual number of investigative articles published during the period. Also, notice that the claim focuses on an overall change, while this choice just focuses on one year. We can't determine an overall increase or decrease by looking at just one year. Choice C is incorrect. The 1,000 articles published in 2017 wasn't the largest number published during the period. Also, notice that the claim focuses on an overall change, while this choice just focuses on one year. We can't determine an overall increase or decrease by looking at just one year. Choice D is incorrect. This choice doesn't justify the claim. The claim is about a decrease in articles published between 2010 and 2019. This data shows an increase in articles published over a different period (2010-2013).

Question Difficulty: Easy

Question ID 787729be

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 787729be

Martin Dančák, Wewin Tjiasmanto, and colleagues have identified a new carnivorous plant species (*Nepenthes pudica*) in Indonesia. Like other carnivorous plants, *N. pudica* has pitfall traps, or pitchers, that capture prey, but unlike others, the pitchers of *N. pudica* are located underground. The researchers unearthed the new species on fairly dry ridges with surfaces that host few other plants and animals. Therefore, the researchers hypothesize that the *N. pudica* species likely

Which choice most logically completes the text?

- A. represents one of many undiscovered carnivorous plant species in the region.
- B. formed pitchers early in development to absorb more moisture.
- C. is buried by nearby animals as they forage along the ridges for food.
- D. evolved to have underground traps to access more prey than would surface traps.

ID: 787729be Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text says that *N. pudica*'s prey-catching pitchers are underground. It also says that the ridges where *N. pudica* lives don't have many plants and animals on the surface. This suggests that *N. pudica* evolved underground pitchers in order to catch more prey.

Choice A is incorrect. This inference isn't supported. The text never mentions the possibility of other undiscovered carnivorous plant species in Indonesia, so there's no basis to make this inference. Choice B is incorrect. This inference isn't supported. The text does say that the ridges where *N. pudica* lives are dry, but it also says that the purpose of carnivorous plant pitchers is to capture prey. It never suggests that these pitchers also absorb moisture, so there's no basis to make this inference. Choice C is incorrect. This inference isn't supported. The text never suggests that *N. pudica*'s underground pitcher can catch animals on the surface, so there's no basis to make this inference.

Question Difficulty: Easy

Question ID af9e3240

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: af9e3240

Electra is a circa 420–410 BCE play by Sophocles, translated in 1870 by R.C. Jebb. Electra, who is in mourning for her dead father and her long-absent brother, is aware of the intensity of her grief but believes it to be justified: _____

Which quotation from *Electra* most effectively illustrates the claim?

- A. "O thou pure sunlight, and thou air, earth's canopy, how often have ye heard the strains of my lament, the wild blows dealt against this bleeding breast, when dark night fails!"
- B. "Send to me my brother; for I have no more the strength to bear up alone against the load of grief that weighs me down."
- C. "I know my own passion, it escapes me not; but, seeing that the causes are so dire, will never curb these frenzied plaints, while life is in me."
- D. "But never will I cease from dirge and sore lament, while I look on the trembling rays of the bright stars, or on this light of day."

ID: af9e3240 Answer

Correct Answer: C

Rationale

Choice C is the best answer. Electra states that she “knows her own passion,” which shows that she’s aware of the intensity of her grief. But she also claims that the “causes are so dire”—meaning the reasons for her grief are so awful—that she can’t let it go, which shows that she believes her grief is justified.

Choice A is incorrect. This quotation doesn’t show that Electra believes her grief is justified. It shows that Electra is aware of its intensity, but it doesn’t suggest that she believes she has a legitimate reason for feeling that way. Choice B is incorrect. This quotation doesn’t show that Electra believes her grief is justified. It shows that Electra is aware of its intensity, but it doesn’t suggest that she believes she has a legitimate reason for feeling that way. Choice D is incorrect. This quotation doesn’t show that Electra believes her grief is justified. It shows that Electra is aware of the intensity of her grief, but it doesn’t suggest that she has a legitimate reason for feeling that way.

Question Difficulty: Hard

Question ID ad680167

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	Three blue squares followed by one white square

ID: ad680167

The recovery of a 1,000-year-old Chinese shipwreck in the Java Sea near present-day Indonesia has yielded a treasure trove of artifacts, including thousands of small ceramic bowls. Using a portable X-ray fluorescence analyzer tool, Lisa Niziolek and her team were able to detect the chemical composition of these bowls without damaging them. By comparing the chemical signatures of the bowls with those of the materials still at old Chinese kiln sites, Niziolek and her team can pinpoint which Chinese kilns likely produced the ceramic bowls.

Which choice best states the main idea of the text?

- A. Because of a new technology, researchers can locate and recover more shipwrecks than they could in the past.
- B. Researchers have been able to identify the location of a number of Chinese kilns in operation 1,000 years ago.
- C. With the help of a special tool, researchers have determined the likely origin of bowls recovered from a shipwreck.
- D. Before the invention of portable X-ray fluorescence, researchers needed to take a small piece out of an artifact to analyze its components.

ID: ad680167 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most accurately states the main idea of the text. According to the text, thousands of ceramic bowls were found in a recovered Chinese shipwreck. The text goes on to say that Niziolek and her team used a special tool, a portable X-ray fluorescence analyzer, to determine the bowls' chemical signatures. Comparing these chemical signatures with the chemical signatures of materials they had collected from old Chinese kiln sites, the text says, allowed the researchers to identify which kilns had produced the bowls. In other words, the researchers determined the bowls' origin.

Choice A is incorrect. Although the text indicates that the researchers used technology in the form of a portable X-ray fluorescence analyzer, it doesn't specifically state that this technology is new. In addition, the text says that Niziolek and her team used the tool to determine the chemical composition of bowls that were found in a Chinese shipwreck, not to locate and recover the shipwreck itself. There's no indication in the text that a new technology can help researchers locate and recover shipwrecks. Choice B is incorrect because the text indicates that the researchers collected materials from old kiln sites for chemical comparison with the ceramic bowls, which means that the researchers must have already known the location of those kiln sites. Rather than identifying the location of the kilns, the researchers determined which kilns in operation 1,000 years ago had likely produced the bowls that were found in the shipwreck. Choice D is incorrect. Although the text says that using a portable X-ray fluorescence analyzer tool enabled Niziolek and her team to analyze artifacts in the form of ceramic bowls without damaging them, the text doesn't discuss how researchers analyzed artifacts before this tool was invented. Moreover, the point that the bowls were left undamaged isn't the text's main idea. Rather, it's a detail that's provided to develop the main idea, which is that the researchers used a special tool to determine where the bowls had been produced.

Question Difficulty: Medium

Question ID 61228830

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 61228830

A heliograph is a semaphore device used for sending optical communications—usually in the form of Morse code—by reflecting flashes of sunlight off a mirror. Heliographs were used for rapid communication across expansive distances for military, surveying, and forestry purposes during the late nineteenth and early twentieth centuries, but they were largely effective only during the daytime, and the range of the device depended on factors such as the opacity of the air and line of sight. Therefore, heliographs were eventually replaced by technology that _____

Which choice most logically completes the text?

- A. worked on similar principles but was easier to produce and maintain.
- B. was not so constrained by environmental circumstances.
- C. could be used for more than military, surveying, or forestry purposes.
- D. enabled communication that didn't require knowledge of Morse code.

ID: 61228830 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The passage explains that heliographs “were largely effective only during the daytime” and that “the range of the device depended on factors such as the opacity of the air and line of sight.” These constraints would have greatly limited the use of the heliograph, so we can infer that this would have been a reason to replace it with new technology.

Choice A is incorrect. The passage doesn’t discuss the production and maintenance of heliographs, so there’s no basis for this inference. Choice C is incorrect. The passage doesn’t mention any “other purposes” that a heliograph wouldn’t work for, so there’s no basis for this inference. Choice D is incorrect. The passage doesn’t mention knowledge of Morse code as a particular problem with the use of heliographs, so there’s no basis for this inference.

Question Difficulty: Hard

Question ID 1b9b29f1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 1b9b29f1

A team of biologists led by Jae-Hoon Jung, Antonio D. Barbosa, and Stephanie Hulin investigated the mechanism that allows *Arabidopsis thaliana* (thale cress) plants to accelerate flowering at high temperatures. They replaced the protein ELF3 in the plants with a similar protein found in another species (stiff brome) that, unlike *A. thaliana*, displays no acceleration in flowering with increased temperature. A comparison of unmodified *A. thaliana* plants with the altered plants showed no difference in flowering at 22° Celsius, but at 27° Celsius, the unmodified plants exhibited accelerated flowering while the altered ones did not, which suggests that _____

Which choice most logically completes the text?

- A. temperature-sensitive accelerated flowering is unique to *A. thaliana*.
- B. *A. thaliana* increases ELF3 production as temperatures rise.
- C. ELF3 enables *A. thaliana* to respond to increased temperatures.
- D. temperatures of at least 22° Celsius are required for *A. thaliana* to flower.

ID: 1b9b29f1 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text's discussion of accelerated flowering in *A. thaliana* plants. The text indicates that *A. thaliana* plants show accelerated flowering at high temperatures. To investigate the mechanism for this accelerated flowering, biologists replaced the ELF3 protein in one group of *A. thaliana* plants with a similar protein found in another plant species that doesn't show accelerated flowering. The team then compared these modified plants to *A. thaliana* plants that retained their original ELF3 protein. The text states that the two samples of plants showed no difference in flowering at 22° Celsius, but at 27° Celsius the unaltered plants with ELF3 showed accelerated flowering while the plants without ELF3 didn't. If accelerated flowering at the higher temperature occurred in the *A. thaliana* plants with ELF3 but not in the plants without the protein, then ELF3 likely enables *A. thaliana* to respond to increased temperatures.

Choice A is incorrect because the text doesn't mention whether any plants other than *A. thaliana* and stiff brome show temperature-sensitive flowering, so there is no support for the idea that this type of flowering is unique to *A. thaliana*. Choice B is incorrect because the text discusses the effects of ELF3 and not the production of it. There's nothing in the text to suggest that the amount of ELF3 in *A. thaliana* varies with temperature. Choice D is incorrect. While the text states that there was no difference in the flowering of modified and unmodified *A. thaliana* plants at 22° Celsius, there's no suggestion that *A. thaliana* only begins to flower at 22° Celsius; the text doesn't mention a specific temperature threshold required for *A. thaliana* flowering.

Question Difficulty: Hard

Question ID 2ef8e367

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 2ef8e367

"To You" is an 1856 poem by Walt Whitman. In the poem, Whitman suggests that he deeply understands the reader, whom he addresses directly, writing, _____

Which quotation from "To You" most effectively illustrates the claim?

- A. "Your true soul and body appear before me."
- B. "Whoever you are, now I place my hand upon you, that you be my poem."
- C. "I should have made my way straight to you long ago."
- D. "Whoever you are, I fear you are walking the walks of dreams."

ID: 2ef8e367 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most directly illustrates the text's claim about Whitman's poem, "To You." The text says that in this poem, Whitman suggests that he deeply understands the poem's reader. This quotation says that the reader's "true soul and body appear before" Whitman, thereby asserting that he can see the reader as the reader truly is, suggesting that he deeply understands the reader.

Choice B is incorrect because this quotation describes Whitman making the reader the subject of the poem ("you be my poem"), not Whitman deeply understanding the reader. Choice C is incorrect because instead of suggesting that Whitman deeply understands the reader, it emphasizes Whitman's regret at not having addressed the reader sooner. Choice D is incorrect. Although this quotation shows Whitman directly addressing the reader and expressing concern about the reader, it doesn't illustrate the idea that Whitman suggests that he deeply understands the reader. The quotation is simply expressing concern about the reader, which doesn't necessarily imply deep understanding of the reader.

Question Difficulty: Medium

Question ID d102706f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: d102706f

Estimates of Tyrannosaurid Bite Force

Study	Year	Estimation method	Approximate bite force (newtons)
Cost et al.	2019	muscular and skeletal modeling	35,000–63,000
Gignac and Erickson	2017	tooth-bone interaction analysis	8,000–34,000
Meers	2002	body-mass scaling	183,000–235,000
Bates and Falkingham	2012	muscular and skeletal modeling	35,000–57,000

The largest tyrannosaurids—the family of carnivorous dinosaurs that includes *Tarbosaurus*, *Albertosaurus*, and, most famously, *Tyrannosaurus rex*—are thought to have had the strongest bites of any land animals in Earth’s history. Determining the bite force of extinct animals can be difficult, however, and paleontologists Paul Barrett and Emily Rayfield have suggested that an estimate of dinosaur bite force may be significantly influenced by the methodology used in generating that estimate.

Which choice best describes data from the table that support Barrett and Rayfield’s suggestion?

- A. The study by Meers used body-mass scaling and produced the lowest estimated maximum bite force, while the study by Cost et al. used muscular and skeletal modeling and produced the highest estimated maximum.
- B. In their study, Gignac and Erickson used tooth-bone interaction analysis to produce an estimated bite force range with a minimum of 8,000 newtons and a maximum of 34,000 newtons.
- C. The bite force estimates produced by Bates and Falkingham and by Cost et al. were similar to each other, while the estimates produced by Meers and by Gignac and Erickson each differed substantially from any other estimate.
- D. The estimated maximum bite force produced by Cost et al. exceeded the estimated maximum produced by Bates and Falkingham, even though both groups of researchers used the same method to generate their estimates.

ID: d102706f Answer

Correct Answer: C

Rationale

Choice C is the best answer because it accurately describes data from the table that support Barrett and Rayfield’s suggestion about bite force estimates. According to the text, Barrett and Rayfield believe that estimates of dinosaur bite force may be strongly influenced by the methods used to produce them—that is, that different methods may produce significantly different results. The table shows that the studies by Bates and Falkingham and by Cost et al. used the same estimation method (muscular and skeletal modeling) and produced similar bite force estimates (approximately 35,000–57,000 newtons and 35,000–63,000 newtons, respectively). The study by Meers, however, used body-mass scaling and produced a much higher bite force estimate (183,000–235,000 newtons), while the study by Gignac and Erickson used tooth-bone interaction analysis and produced a much lower bite force estimate (8,000–34,000 newtons). The fact that one method produced similar estimates in two different studies and that two different methods used in other studies produced substantially different estimates

supports the idea that dinosaur bite force estimates are significantly influenced by the methodology used to produce them.

Choice A is incorrect because it inaccurately describes data from the table. The table does show that the studies by Meers and by Cost et al. used different estimation methods and produced very different ranges of estimated dinosaur bite force, which would support Barrett and Rayfield's suggestion that different methodologies may produce significantly different estimates. However, the table doesn't show that the study by Meers produced the lowest estimated maximum bite force while the study by Cost et al. produced the highest. In fact, the study by Meers estimated a maximum bite force of approximately 235,000 newtons, which is the highest of all the estimated maximums. Choice B is incorrect. Although the data from Gignac and Ericson's study are accurately described, a single set of findings from one study using only one methodology can't show that different methodologies may produce significantly different dinosaur bite force estimates, as Barrett and Rayfield suggest. Choice D is incorrect. Although the table shows that the maximum bite force estimated by Cost et al. was higher than that estimated by Bates and Falkingham, the difference is relatively small; in fact, both teams estimated a minimum bite force of approximately 35,000 newtons and a maximum bite force close to approximately 60,000 newtons. Because these findings demonstrate that a single methodology (muscular and skeletal modeling) produced similar overall results in two studies, the findings don't support Barrett and Rayfield's suggestion that different methodologies may produce significantly different dinosaur bite force estimates.

Question Difficulty: Hard

Question ID b32c4b3a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: b32c4b3a

The Intertropical Convergence Zone (ITCZ), a band of clouds that encircles Earth in the tropics and is a major rainfall source, shifts position in response to temperature variations across Earth's hemispheres. Data from Huagapo Cave in Peru suggest the ITCZ shifted south during the Little Ice Age (circa 1300–1850), but a shift as far into South America as Huagapo should have led to dry conditions in Central America, which is inconsistent with climate models. To resolve the issue, geologist Yemane Asmerom and colleagues collected data from Yok Balum Cave in Central America and compared them with the Huagapo data. They concluded that during the Little Ice Age, the ITCZ may have expanded northward and southward rather than simply shifted.

Which finding from Asmerom and colleagues' study, if true, would most directly support their conclusion?

- A. Neither the Yok Balum data nor the Huagapo data show significant local variations in temperature during the Little Ice Age.
- B. Both the Yok Balum data and the Huagapo data show increased temperatures and prolonged dry conditions during the Little Ice Age.
- C. The Yok Balum data show prolonged dry conditions during the same portions of the Little Ice Age in which the Huagapo data show heightened levels of rainfall.
- D. The Yok Balum data and the Huagapo data show strongly correlated patterns of high rainfall during the Little Ice Age.

ID: b32c4b3a Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would support Asmerom and colleagues' conclusion that the ITCZ may have expanded northward and southward rather than shifting south during the Little Ice Age. The text indicates that the ITCZ, a band of clouds in the tropics that is a significant rainfall source, can change position. Data from Peru's Huagapo Cave suggest that the ITCZ shifted south during the Little Ice Age. But according to the text, if the ITCZ moved into South America in that way, then Central America should have been drier than climate models suggest it was. In other words, rainfall should have been reduced in Central America because the ITCZ, a significant rainfall source, had shifted into South America, but climate models do not show such a reduction in Central America. The text goes on to say that Asmerom and colleagues tried to resolve this apparent conflict by collecting data from Yok Balum cave in Central America and comparing them with data from Huagapo, which led the researchers to conclude that the ITCZ may have expanded both northward and southward rather than simply shifting south. If it is true that Yok Balum in Central America and Huagapo in South America show strongly correlated patterns of high rainfall during the Little Ice Age, such a finding would support Asmerom and colleagues' conclusion by suggesting that the two areas were affected by the same rainfall source, and thus that the ITCZ may have expanded rather than shifted.

Choice A is incorrect because there is no information in the text about how, if at all, the ITCZ affects temperature in areas where it is located. Rather, the text states that temperature variations across Earth's hemispheres can shift the position of the ITCZ. Finding that neither Yok Balum nor Huagapo data show evidence of significant local variations in temperature during the Little Ice Age would have no clear bearing on Asmerom and

colleagues' claim. Choice B is incorrect because finding that both Yok Balum and Huagapo experienced prolonged dry conditions during the Little Ice Age would not support Asmerom and colleagues' conclusion that the ITCZ, a major source of rainfall, may have expanded northward and southward rather than simply shifting south. Dry conditions in both locations would suggest that the ITCZ did not cover either location. Additionally, finding that temperatures were elevated in both locations would have no clear bearing on Asmerom and colleagues' conclusion, since there is no information in the text that indicates how, if at all, the ITCZ affects temperature. Choice C is incorrect because finding that Yok Balum experienced prolonged dry conditions at the same time that Huagapo experienced high rainfall would weaken Asmerom and colleagues' conclusion, not strengthen it. Such a finding would suggest that the ITCZ shifted south and left Central America dry rather than expanding both northward and southward.

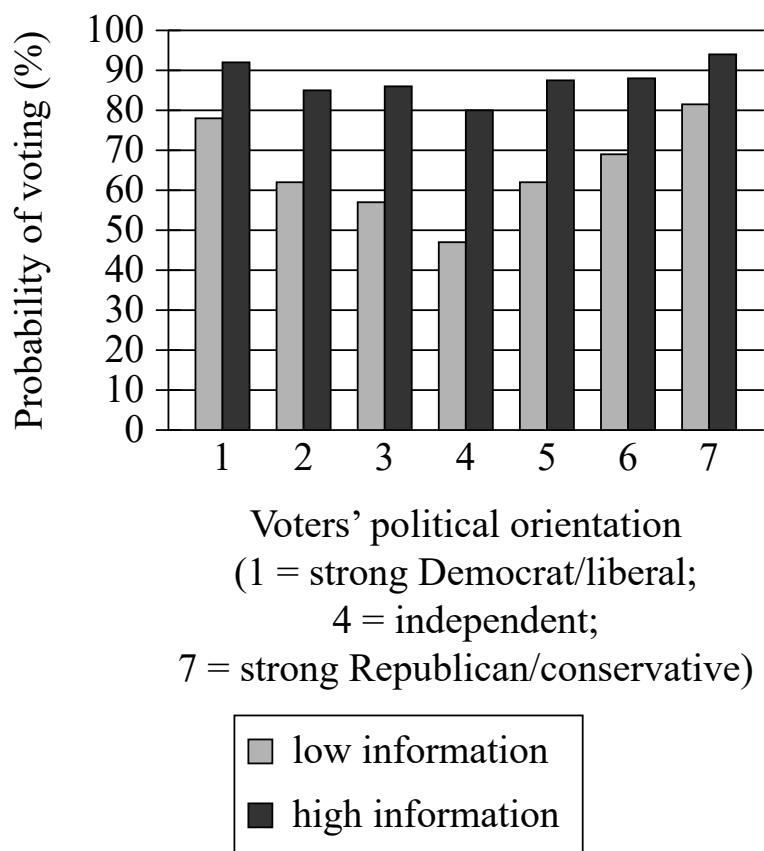
Question Difficulty: Hard

Question ID 5d453dcc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: 5d453dcc

Voters' Political Orientation, Level of Political Information, and Probability of Voting



Economists Kerwin Kofi Charles and Melvin Stephens Jr. investigated a variety of factors that influence voter turnout in the United States. Using survey data that revealed whether respondents voted in national elections and how knowledgeable respondents are about politics, Charles and Stephens claim that the likelihood of voting is driven in part by potential voters' confidence in their assessments of candidates—essentially, the more informed voters are about politics, the more confident they are at evaluating whether candidates share their views, and thus the more likely they are to vote.

Which choice best describes data in the graph that support Charles and Stephens's claim?

- A. At each point on the political orientation scale, high-information voters were more likely than low-information voters to vote.
- B. Only low-information voters who identify as independents had a voting probability below 50%.
- C. The closer that low-information voters are to the ends of the political orientation scale, the more likely they were to vote.
- D. High-information voters were more likely to identify as strong Democrats or strong Republicans than low-information voters were.

Correct Answer: A

Rationale

Choice A is the best answer because it uses data from the graph to effectively support Charles and Stephens's claim about how level of information affects voters. The graph shows the probability of voting for both high- and low-information voters in seven categories of political orientation. Charles and Stephens claim that "the more informed voters are about politics...the more likely they are to vote." This statement correctly asserts that the graph shows a higher probability of voting for high-information voters than for low-information voters at each of the seven political orientations. Thus, this statement accurately cites data from the graph that support Charles and Stephens's claim about how level of information affects voters.

Choice B is incorrect. Although this statement is correct that the only probability in the graph below 50% is for low-information voters categorized as independent (orientation 4), the claim in question is about the relative likelihood that low- and high-information voters will vote, and without some reference to high-information voters, this statement cannot help support such a comparison. Choice C is incorrect. Although this statement is correct that the highest probabilities of voting for low-information voters are at the ends of the orientation scale (1 and 7), the claim in question is about the relative likelihood that low- and high-information voters will vote, and without some reference to high-information voters, this statement cannot help support such a comparison. Choice D is incorrect because the graph does not give any information about how many people are represented in any of the categories, so this statement is not based on data from the graph. Furthermore, even if we did have this information, the claim is about how level of information affects voters' probability of voting, not whether they're likely to strongly identify with a particular political party.

Question Difficulty: Medium

Question ID 5632ffb4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 5632ffb4

In a study of the cognitive abilities of white-faced capuchin monkeys (*Cebus imitator*), researchers neglected to control for the physical difficulty of the tasks they used to evaluate the monkeys. The cognitive abilities of monkeys given problems requiring little dexterity, such as sliding a panel to retrieve food, were judged by the same criteria as were those of monkeys given physically demanding problems, such as unscrewing a bottle and inserting a straw. The results of the study, therefore, _____

Which choice most logically completes the text?

- A. could suggest that there are differences in cognitive ability among the monkeys even though such differences may not actually exist.
- B. are useful for identifying tasks that the monkeys lack the cognitive capacity to perform but not for identifying tasks that the monkeys can perform.
- C. should not be taken as indicative of the cognitive abilities of any monkey species other than *C. imitator*.
- D. reveal more about the monkeys' cognitive abilities when solving artificial problems than when solving problems encountered in the wild.

ID: 5632ffb4 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it presents the conclusion that most logically follows from the text's discussion of the study of capuchin monkeys' cognitive abilities. The text explains that the study failed to distinguish between outcomes for the tasks performed by the capuchin monkeys, such that simpler tasks requiring less dexterity, or skill, were judged by the same criteria as tasks that demanded more dexterity. Because the study didn't account for this discrepancy, the researchers might have assumed that observed differences in performance were due to the abilities of the monkeys rather than the complexity of the tasks. In other words, the results may suggest cognitive differences among the monkeys even though such differences may not really exist.

Choice B is incorrect because the text focuses on the fact that the tasks assigned to the capuchin monkeys in the study varied in difficulty and that the variety wasn't taken into consideration. The text doesn't suggest that the capuchin monkeys couldn't perform certain tasks, just that some tasks were more difficult to do. Choice C is incorrect because the text doesn't suggest that the study's results are indicative of the abilities of capuchin monkeys but not of other monkey species; in fact, the text suggests that the results may not even be an accurate reflection of capuchin monkeys' abilities. Choice D is incorrect because the text doesn't indicate that the researchers compared results for artificial tasks with those for tasks encountered in the wild, although the tasks described in the text—sliding a panel and putting a straw in a bottle—are presumably artificial.

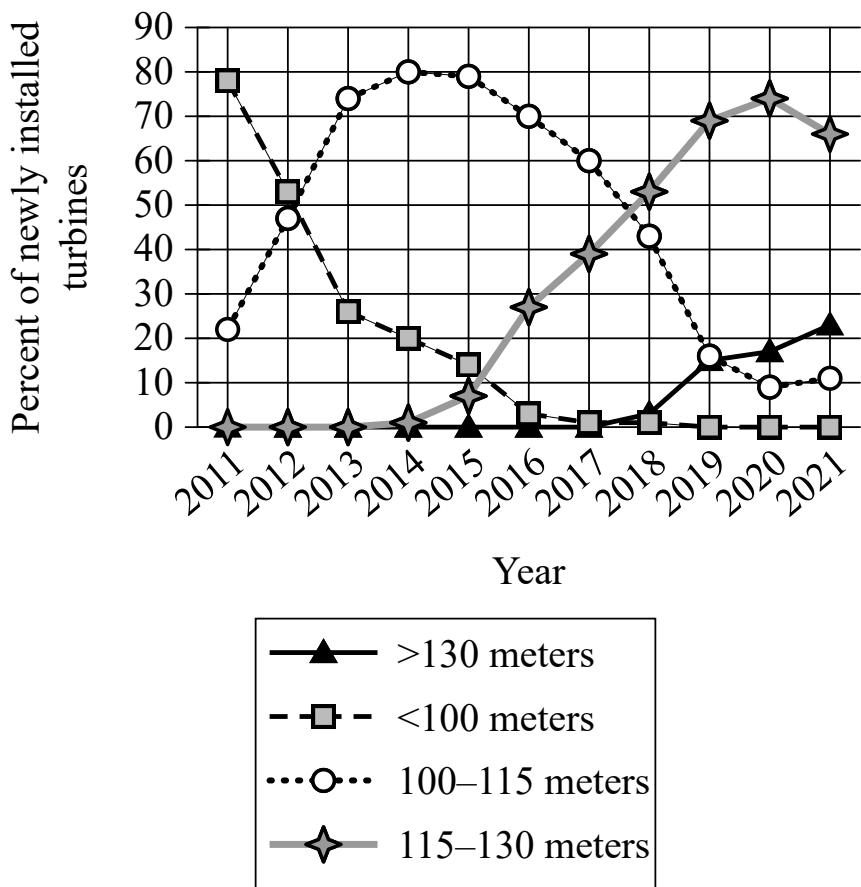
Question Difficulty: Hard

Question ID 2df730d0

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	██████

ID: 2df730d0

Rotor Diameters of Newly Installed Wind Turbines in the United States, 2011–2021



All other things being equal, the larger a wind turbine's rotor diameter (the diameter of the imaginary circle swept by the turbine's rotating blades), the greater amount of energy the turbine can generate. In a research paper on wind power, a student claims that in the United States, the amount of energy generated per newly installed turbine increased substantially between 2011 and 2021.

Which choice best describes data in the graph that support the student's claim?

- A. The percentage of newly installed turbines with rotor diameters greater than 130 meters increased every year between 2011 and 2021.
- B. In 2011, nearly 80% of turbines installed had rotor diameters of less than 100 meters, whereas only a little more than 20% of turbines installed that year had rotor diameters of 100–115 meters.
- C. No turbines installed in 2011 had rotor diameters greater than 115 meters, whereas the majority of turbines installed in 2021 had rotor diameters greater than 130 meters.
- D. Most turbines installed in 2011 had rotor diameters of less than 100 meters, whereas most turbines installed in 2021 had rotor diameters of at least 115 meters.

Correct Answer: D

Rationale

Choice D is the best answer. The text tells us that turbines with larger rotor diameters produce more energy, so if rotor diameters have generally gotten larger between 2011 and 2021, then turbines created in 2021 should produce more energy than those created in 2011.

Choice A is incorrect. This choice misreads the graph. The percentage of newly installed turbines with rotor diameters greater than 130 meters didn't show any visible increase until 2018. Choice B is incorrect. This choice doesn't justify the claim. The claim is about increasing energy output from 2011 to 2021, but this choice only discusses 2011, so it can't show evidence of change over time. Choice C is incorrect. This choice misreads the graph. In 2021, only about 25% of turbines installed in 2021 had rotor diameters greater than 130 meters.

Question Difficulty: Medium

Question ID 25893fc7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 25893fc7

In many cultures, a handshake can create trust between people. Engineer João Avelino and his team are designing a robot to shake hands with a human in order to improve human-robot interactions. The robot hand adjusts its movements and pressure to better imitate the feel of a human hand. The researchers want the robot's handshake to feel realistic because _____

Which choice most logically completes the text?

- A. lifelike handshakes may make people more comfortable interacting with robots.
- B. it's easier to program a robot to perform handshakes than it is to program a robot to perform some other types of greetings.
- C. people are less likely to interact with robots that don't look like humans.
- D. the robot in the researchers' study may have uses other than interacting with humans.

ID: 25893fc7 Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text says that handshakes create trust, and that the engineers' goal is to "improve human-robot interactions." This suggests that they want the robot's handshake to feel real because they want humans to trust the robot.

Choice B is incorrect. This inference isn't supported. The text never discusses any other types of greetings, so there is no basis to make this inference. Choice C is incorrect. This inference isn't supported. The text never discusses the appearance of this robot or any other robots, so there is no basis to make this inference. Choice D is incorrect. This inference isn't supported. The text never discusses any uses for the robot other than interacting with humans, so there is no basis to make this inference.

Question Difficulty: Easy

Question ID f9c4bdab

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: f9c4bdab

A student is writing a paper about *One Night in Miami...*, a 2020 film directed by Regina King and written by Kemp Powers. Powers adapted the film's screenplay from his 2013 play, which he wrote after learning about a 1964 meeting that took place in Miami, Florida, between four prominent figures of the Civil Rights movement: Malcolm X, Muhammad Ali, Jim Brown, and Sam Cooke. The student claims that although Powers was inspired by this meeting, the film is best understood not as a precise retelling of historical events but rather as a largely imagined but informed representation of them.

Which quotation from an article about *One Night in Miami...* would be the most effective evidence for the student to include in support of this claim?

- A. "When Powers learned of the meeting, he initially planned to write a much longer work about its four famous participants rather than focusing on the meeting itself."
- B. "*One Night in Miami...* received numerous awards and nominations, including an Academy Award nomination for Powers for Best Adapted Screenplay."
- C. "Powers has described *One Night in Miami...* as the story of four friends encouraging and supporting one another while engaged in a crucial political debate about how best to achieve equality for Black people in the United States."
- D. "Powers could find only the most superficial historical details about the meeting, so he read extensively about the four individuals and their thinking at the time in an effort to portray what might have happened between them."

ID: f9c4bdab Answer

Correct Answer: D

Rationale

Choice D is the best answer because it provides a quotation that effectively supports the student's claim about the film *One Night in Miami...*. The quotation states that in researching the play on which the film was based, Kemp Powers only found superficial details about what actually happened during the 1964 meeting in Miami between four leading Civil Rights leaders, meaning that there is very little information about the meeting in the historical record. In the absence of greater details, it wouldn't have been possible for the film to be a precise retelling of the historical events it depicts. The quotation explains that to compensate for this lack of information about the meeting, Powers did extensive research into the four figures and how they thought at the time in order to speculate in an informed way about what they might have said or what might have occurred between them. Therefore, the quotation effectively supports the claim that the film is best understood not as a precise retelling of a historical event but as a deeply informed imaginative rendering of that event.

Choice A is incorrect. Although the quotation discusses how on learning about the 1964 meeting in Miami, Powers was inspired to write a play and, later, to adapt it into a screenplay, it doesn't discuss Powers's approach to representing what had occurred in the meeting. Instead, it states that Powers didn't initially plan to write a story only "focusing on the meeting itself" but rather had considered writing a "much longer" and more expansive work about the meeting's four participants. Choice B is incorrect because the quotation doesn't discuss Powers's approach to representing historical events in his play and in the film; instead, the quotation focuses on the film's positive critical reception by mentioning that it received numerous awards and

nominations. Choice C is incorrect. Although the quotation references historical events that are discussed directly in the play and film by explaining how the four historical figures featured in the story engage in political debates about contemporary issues, it doesn't specify to what extent Powers's representation of what occurred during the 1964 meeting in Miami is a factual retelling of what happened and how much is an imaginative rendering of what might have happened. Rather, the quotation focuses on Powers's description of the film's basic premise and how the characters engage with the historical context of its setting.

Question Difficulty: Hard

Question ID 37e15265

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 37e15265

"The Young Girl" is a 1920 short story by Katherine Mansfield. In the story, the narrator takes an unnamed seventeen-year-old girl and her younger brother out for a meal. In describing the teenager, Mansfield frequently contrasts the character's pleasant appearance with her unpleasant attitude, as when Mansfield writes of the teenager, _____

Which quotation from "The Young Girl" most effectively illustrates the claim?

- A. "I heard her murmur, 'I can't bear flowers on a table.' They had evidently been giving her intense pain, for she positively closed her eyes as I moved them away."
- B. "While we waited she took out a little, gold powder-box with a mirror in the lid, shook the poor little puff as though she loathed it, and dabbed her lovely nose."
- C. "I saw, after that, she couldn't stand this place a moment longer, and, indeed, she jumped up and turned away while I went through the vulgar act of paying for the tea."
- D. "She didn't even take her gloves off. She lowered her eyes and drummed on the table. When a faint violin sounded she winced and bit her lip again. Silence."

ID: 37e15265 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively illustrates the claim in the text that in describing the teenaged girl, Mansfield contrasts the character's pleasant appearance with her unpleasant attitude. In the quotation, Mansfield describes the teenager as having a "lovely nose" (a compliment about her appearance) but also as treating her makeup puff "as though she loathed it" (a judgment suggesting her unpleasant attitude).

Choice A is incorrect because the teenager's reaction to the flowers doesn't make it clear that she has an unpleasant attitude, and nothing in the quotation indicates that any part of her appearance is pleasant. Choice C is incorrect because the quotation suggests that the teenager has an unpleasant attitude (being upset with the location and leaving the table before the narrator has paid for the meal) but doesn't give any indication that she has a pleasant appearance. Choice D is incorrect because the quotation suggests that the teenager may have an unpleasant attitude (lowering her eyes, wincing, and sitting in silence) but doesn't give any indication that any part of her appearance is pleasant.

Question Difficulty: Hard

Question ID 0dccb17

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 0dccb17

Henry Ossawa Tanner's 1893 painting *The Banjo Lesson*, which depicts an elderly man teaching a boy to play the banjo, is regarded as a landmark in the history of works by Black artists in the United States. Scholars should be cautious when ascribing political or ideological values to the painting, however: beliefs and assumptions that are commonly held now may have been unfamiliar to Tanner and his contemporaries, and vice versa. Scholars who forget this fact when discussing *The Banjo Lesson* therefore _____

Which choice most logically completes the text?

- A. risk judging Tanner's painting by standards that may not be historically appropriate.
- B. tend to conflate Tanner's political views with those of his contemporaries.
- C. forgo analyzing Tanner's painting in favor of analyzing his political activity.
- D. wrongly assume that Tanner's painting was intended as a critique of his fellow artists.

ID: 0dccb17 Answer

Correct Answer: A

Rationale

Choice A is the best answer. It most logically completes the text. The text argues that Tanner and his contemporaries may have been unfamiliar with modern beliefs and values. This suggests that scholars who attribute those modern values to Tanner's painting are risking judging the painting by standards that are not historically accurate.

Choice B is incorrect. It doesn't logically complete the text. The text argues that Tanner AND his contemporaries may have been unfamiliar with modern views. It never suggests that Tanner's views were different from his contemporaries' views. Choice C is incorrect. It doesn't logically complete the text. The text never suggests that scholars should analyze Tanner's political activity instead of his painting. Rather, the text argues that Tanner and his contemporaries may have been unfamiliar with modern beliefs and values. Choice D is incorrect. It doesn't logically complete the text. The text never suggests that Tanner wanted to critique his contemporaries with his painting. Rather, the text argues that Tanner AND his contemporaries may have been unfamiliar with modern beliefs and values.

Question Difficulty: Hard

Question ID 6675c5c3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 6675c5c3

The following text is from Shyam Selvadurai's 1994 novel *Funny Boy*. The seven-year-old narrator lives with his family in Sri Lanka. Radha Aunty is the narrator's aunt.

Radha Aunty, who was the youngest in my father's family, had left for America four years ago when I was three, and I could not remember what she looked like. I went into the corridor to look at the family photographs that were hung there. But all the pictures were old ones, taken when Radha Aunty was a baby or young girl. Try as I might, I couldn't get an idea of what she looked like now. My imagination, however, was quick to fill in this void.

©1994 by Shyam Selvadurai.

According to the text, why does the narrator consult some family photographs?

- A. He wants to use the photographs as inspiration for a story he is writing.
- B. He is curious about how his father dressed a long time ago.
- C. He hopes the photographs will help him recall what his aunt looked like.
- D. He wants to remind his aunt of an event that is shown in an old photograph.

ID: 6675c5c3 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text states that the narrator couldn't remember what his Radha Aunty looked like, so he went to look at the family photographs she was in.

Choice A is incorrect. There's no mention of any story that the narrator is writing. Rather, we're told that the narrator couldn't remember what his aunt looked like, so he went to look at the family photographs she was in. Choice B is incorrect. The text doesn't mention how the narrator's father dressed. Rather, we're told that the narrator couldn't remember what his aunt looked like, so he went to look at the family photographs she was in. Choice D is incorrect. The text doesn't mention any events shown in the photographs. Rather, we're told that the narrator couldn't remember what his aunt looked like, so he went to look at the family photographs she was in.

Question Difficulty: Easy

Question ID 5d6ab069

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 5d6ab069

Jan Gimsa, Robert Sleigh, and Ulrike Gimsa have hypothesized that the sail-like structure running down the back of the dinosaur *Spinosaurus aegyptiacus* improved the animal's success in underwater pursuits of prey species capable of making quick, evasive movements. To evaluate their hypothesis, a second team of researchers constructed two battery-powered mechanical models of *S. aegyptiacus*, one with a sail and one without, and subjected the models to a series of identical tests in a water-filled tank.

Which finding from the model tests, if true, would most strongly support Gimsa and colleagues' hypothesis?

- A. The model with a sail took significantly less time to complete a sharp turn while submerged than the model without a sail did.
- B. The model with a sail displaced significantly more water while submerged than the model without a sail did.
- C. The model with a sail had significantly less battery power remaining after completing the tests than the model without a sail did.
- D. The model with a sail took significantly longer to travel a specified distance while submerged than the model without a sail did.

ID: 5d6ab069 Answer

Correct Answer: A

Rationale

Choice A is the best answer. This finding would most strongly support the hypothesis. The hypothesis is that the sail improved the dinosaur's ability to chase quick, evasive prey. This finding suggests that the sail helped the dinosaur make sharp turns more quickly, which supports that hypothesis.

Choice B is incorrect. This finding wouldn't necessarily support the hypothesis. The hypothesis is that the sail improved the dinosaur's ability to chase quick, evasive prey. It's unclear how the sail displacing more water would relate to that hypothesis—it doesn't seem to be relevant. Choice C is incorrect. This finding wouldn't necessarily support the hypothesis. The hypothesis is that the sail improved the dinosaur's ability to chase quick, evasive prey. It's unclear how the difference in battery power between the models would relate to that hypothesis—it doesn't seem to be relevant. Choice D is incorrect. This finding would actually weaken the hypothesis. The hypothesis is that the sail improved the dinosaur's ability to chase quick, evasive prey. This finding suggests that the sail slowed the dinosaur down—which would probably make it worse at catching quick, evasive prey.

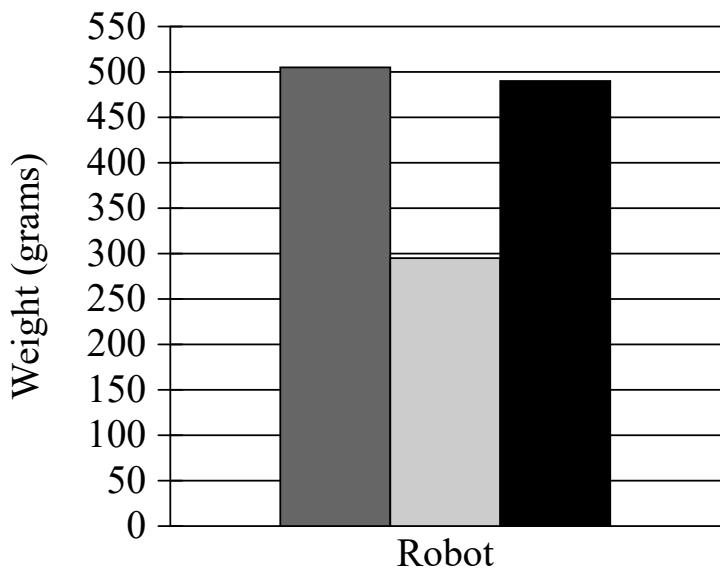
Question Difficulty: Medium

Question ID df37c087

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: df37c087

Weight of Three Aerial Robots



- Ultra-Fast Robot Hand
- Permanent Magnet Hand
- Yale Model T

Aerial robots vary considerably in their holding force; the Ultra-Fast Robot Hand, for example, has a holding force of 56 newtons, more than twice that of the Permanent Magnet Hand and more than four times that of the Yale Model T. Since an aerial robot must lift its own weight along with its cargo, engineer Jiawei Meng and colleagues used a ratio of each robot's holding force to the robot's weight to calculate payload capacity, with higher ratios corresponding to greater capacity, concluding that the Ultra-Fast Robot Hand has a higher payload capacity than the Yale Model T.

Which choice best describes data in the graph that support Meng and colleagues' conclusion?

- A. The Ultra-Fast Robot Hand and the Yale Model T each weigh more than 450 grams.
- B. The Ultra-Fast Robot Hand and the Yale Model T each weigh more than the Permanent Magnet Hand does.
- C. The Yale Model T has a lower holding force than the Permanent Magnet Hand despite weighing more.
- D. The Ultra-Fast Robot Hand weighs only slightly more than the Yale Model T does.

ID: df37c087 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it describes data in the graph that support Meng and colleagues' conclusion that the Ultra-Fast Robot Hand has a higher payload capacity than the Yale Model T. According to the text, payload capacity is calculated by using a ratio of a robot's holding force to the robot's weight, and higher ratios indicate a greater payload capacity. The Ultra-Fast Robot Hand has a holding force of 56 newtons, four times greater than that of the Yale Model T. Additionally, the graph shows that the Ultra-Fast Robot Hand has a weight of approximately 500 grams, slightly more than the Yale Model T's weight of approximately 480 grams. Therefore, the Ultra-Fast Robot Hand has a higher ratio of holding force to weight than the Yale Model T. Since higher ratios correspond to greater payload capacity, the information from the graph indicating that the Ultra-Fast Robot Hand weighs only slightly more than the Yale Model T combined with the information in the text ultimately supports the conclusion that the Ultra-Fast Robot Hand has a higher payload capacity than the Yale Model T.

Choice A is incorrect. Although, according to the graph, it's true that both the Ultra-Fast Robot Hand and the Yale Model T weigh more than 450 grams, this statement doesn't support Meng and colleagues' conclusion that the Ultra-Fast Robot Hand has a higher payload capacity than the Yale Model T. This statement emphasizes a similarity, not a distinction, between the two robots. Choice B is incorrect. Although, according to the graph, it's true that the Ultra-Fast Robot Hand and the Yale Model T both weigh more than the Permanent Magnet Hand does, this statement doesn't support Meng and colleagues' conclusion that the Ultra-Fast Robot Hand has a higher payload capacity than the Yale Model T. This statement emphasizes a similarity, not a distinction, between the Ultra-Fast Robot Hand and the Yale Model T. Furthermore, the comparison to the Permanent Magnet Hand is irrelevant to the claim about the relative ratios and payload capacities of the Ultra-Fast Robot Hand and the Yale Model T. Choice C is incorrect. Although the text states that the Yale Model T has a lower holding force than the Permanent Magnet Hand, the graph provides no information about holding force. Moreover, information about the Permanent Magnet Hand is irrelevant to the conclusion by Meng and colleagues, which only concerns the Ultra-Fast Robot Hand and the Yale Model T.

Question Difficulty: Hard

Question ID cf7491c1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: cf7491c1

Characteristics of Five Recently Discovered Gas Exoplanets

Exoplanet designation	Mass (Jupiters)	Radius (Jupiters)	Orbital period (days)	Distance from the Sun (parsecs)
TOI-640 b	0.88	1.771	5.003	340
TOI-1601 b	0.99	1.239	5.331	336
TOI-628 b	6.33	1.060	3.409	178
TOI-1478 b	0.85	1.060	10.180	153
TOI-1333 b	2.37	1.396	4.720	200

"Hot Jupiters" are gas planets that have a mass of at least 0.25 Jupiters (meaning that their mass is at least 25% of that of Jupiter) and an orbital period of less than 10 days (meaning that they complete one orbit around their star in less than 10 days), while "warm Jupiters" are gas planets that meet the same mass criterion but have orbital periods of more than 10 days. In 2021, Michigan State University astronomer Joseph Rodriguez and colleagues announced the discovery of five new gas exoplanets and asserted that four are hot Jupiters and one is a warm Jupiter.

Which choice best describes data from the table that support Rodriguez and colleagues' assertion?

- A. None of the planets have an orbital period of more than 10 days, and TOI-628 b has a mass of 6.33 Jupiters.
- B. TOI-1478 b has an orbital period of 153 days, and the masses of all the planets range from 0.85 to 6.33 Jupiters.
- C. All the planets have a radius between 1.060 and 1.771 Jupiters, and only TOI-1333 b has an orbital period of more than 10 days.
- D. Each of the planets has a mass greater than 0.25 Jupiters, and all except for TOI-1478 b have an orbital period of less than 10 days.

ID: cf7491c1 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it accurately describes data from the table that support Rodriguez and colleagues' assertion about the classifications of the five new gas exoplanets. The text describes two categories of gas planets: hot Jupiters, which have a mass of at least 0.25 Jupiters and an orbital period of less than 10 days, and warm Jupiters, which have the same mass characteristic but have orbital periods of more than 10 days. According to the table, four of the gas exoplanets discovered by Rodriguez and colleagues have a mass of at least 0.25 Jupiters and an orbital period of less than 10 days, while one of the planets has a mass of at least 0.25 Jupiters and an orbital period of more than 10 days. These data therefore support Rodriguez and colleagues' assertion that four of the new exoplanets are hot Jupiters and one is a warm Jupiter.

Choice A is incorrect because it doesn't accurately describe the data from the table. Although the table shows that TOI-628 b has a mass equivalent to 6.33 Jupiters, the table also shows that one of the planets—TOI-1478 b—does indeed have an orbital period of more than 10 days. Choice B is incorrect because it doesn't accurately describe the data from the table. Although the table does show that the masses of the five planets range from 0.85 to 6.33 Jupiters, the table also shows that TOI-1478 b has an orbital period of 10.180 days, not 153 days. Choice C is incorrect. According to the table, TOI-1333 b has an orbital period of only 4.720 days, not more than 10 days. Additionally, although the table does show that all the planets have a radius between 1.060 and 1.771 Jupiters, the text indicates that a planet may be classified as a hot Jupiter or a warm Jupiter based on its mass and orbital period, not on its radius, making the information about the range of the five planets' radius values irrelevant.

Question Difficulty: Medium

Question ID d5c2a4d4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d5c2a4d4

The following text is adapted from Guy de Maupassant's nineteenth-century short story "The Trip of Le Horla" (translated by Albert M. C. McMaster, A. E. Henderson, Mme. Quesada, et al.). The narrator is part of a group traveling in a hot-air balloon at night.

The earth no longer seems to exist, it is buried in milky vapors that resemble a sea. We are now alone in space with the moon, which looks like another balloon travelling opposite us; and our balloon, which shines in the air, appears like another, larger moon, a world wandering in the sky amid the stars, through infinity. We no longer speak, think nor live; we float along through space in delicious inertia. The air which is bearing us up has made of us all beings which resemble itself, silent, joyous, irresponsible beings, peculiarly alert, although motionless.

Which choice best states the main idea of the text?

- A. The narrator feels a growing sense of isolation even though his companions are nearby during the balloon ride.
- B. The narrator and his companions are completely absorbed in the change in perspective they gain while riding in the balloon.
- C. The narrator and his companions are troubled by the disorienting effects of the altitude while riding in the balloon.
- D. The narrator is pleasantly surprised by his companions' unrestrained enthusiasm about the sensation of riding in the balloon.

ID: d5c2a4d4 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most accurately states the main idea of the text. The narrator describes the view he and his companions have from the balloon: the earth lies beneath "milky vapors," and the balloon itself looks like another moon. The narrator goes on to explain how the people riding in the balloon are affected by the ride, explaining that they are immersed in the experience: floating along in "delicious inertia," or inactivity, like "silent, joyous, irresponsible beings." Thus, the main idea is that the narrator and his companions are completely absorbed in the change in perspective they gain while riding in the balloon.

Choice A is incorrect because the narrator never describes himself as feeling isolated from his companions; instead, he characterizes riding in the balloon as an experience he is sharing with them. And although he does imply a sense of isolation, it is isolation from those on the ground, as when he says of himself and his companions, "We are now alone." Choice C is incorrect because the narrator doesn't suggest that he or his companions are troubled by the effects of the balloon ride. Instead, he describes himself and his companions as "joyous" and the experience of floating in the balloon as "delicious." Choice D is incorrect because nothing in the text suggests that the narrator is surprised by his companions' response to the balloon ride. In fact, the text indicates that the narrator and his companions are having the same experience: they're described as "silent" and "motionless," rather than as having unrestrained enthusiasm.

Question Difficulty: Medium

Question ID 39de2206

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 39de2206

The Post Office is a 1912 play by Rabindranath Tagore, originally written in Bengali. The character Amal is a young boy who imagines that the people he sees passing the window of his home are carefree even when engaged in work or chores, as is evident when he says to the daughter of a flower seller, _____

Which quotation from *The Post Office* most effectively illustrates the claim?

- A. "I see, you don't wish to stop; I don't care to stay on here either."
- B. "Oh, flower gathering? That is why your feet seem so glad and your anklets jingle so merrily as you walk."
- C. "I'll pay when I grow up—before I leave to look for work out on the other side of that stream there."
- D. "Wish I could be out too. Then I would pick some flowers for you from the very topmost branches right out of sight."

ID: 39de2206 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most effectively illustrates the claim that Amal imagines the people he sees are carefree even when engaged in work. In the quotation, Amal observes that the flower seller's daughter is "flower gathering," or working, as the text indicates. Moreover, Amal notes that the daughter's feet "seem so glad" and her "anklets jingle so merrily," suggesting that Amal believes that the flower seller's daughter is cheerful.

Choice A is incorrect because the quotation makes no observation about the cheerful mood of the flower seller's daughter. Choice C is incorrect because the quotation discusses how Amal envisions his future, not the feelings of the flower seller's daughter. Choice D is incorrect because the quotation discusses Amal's wishes, not the feelings of the flower seller's daughter.

Question Difficulty: Medium

Question ID db2da2bf

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: db2da2bf

In 2019, 20 previously unknown moons were confirmed to be orbiting Saturn. Three of the moons have prograde orbits (orbiting in the direction the planet spins), and the other 17 have retrograde orbits (orbiting in the opposite direction of the planet's spin). All but one of the 20 moons are thought to be remnants of bodies that orbited Saturn until they broke apart in collisions. Although the one exceptional moon orbits in the same direction as the planet's spin, its orbit is highly eccentric compared to the rest, which may suggest that it has a different origin than the other 19 moons.

Based on the text, which choice best describes the moon with the eccentric orbit?

- A. It doesn't have a retrograde orbit, but it likely has the same origin as the moons with retrograde orbits.
- B. Its orbit is so tilted with respect to the other moons' orbits that it's neither prograde nor retrograde.
- C. It has a prograde orbit that is likely the result of having collided with another body orbiting Saturn.
- D. It has a prograde orbit and may not be a remnant of an earlier body that orbited Saturn.

ID: db2da2bf Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately describes the moon with the eccentric orbit. The text indicates that three of the 20 newly discovered moons have prograde orbits, meaning that they orbit Saturn in the same direction as the planet's spin, while the other 17 moons have retrograde orbits, meaning that they orbit Saturn in the opposite direction of the planet's spin. The text then states that 19 of the 20 moons appear to be the remains of earlier bodies that orbited Saturn but were broken apart in collisions. The one exception is a moon that orbits Saturn in the same direction as the planet's spin, meaning that the exceptional moon's orbit is prograde. The text goes on to state that the exceptional moon's orbit is so eccentric that the moon may have formed through a different process than the other 19 moons. The moon with the eccentric orbit, therefore, has a prograde orbit and may not be a remnant of an earlier body that orbited Saturn.

Choice A is incorrect because nothing in the text supports the idea that the moon with the eccentric orbit likely has the same origin as the moons with retrograde orbits. Although it's true that the moon has a prograde orbit (and thus doesn't have a retrograde orbit), the only information the text provides about the moon's origin is that it may be different than the origin of the other 19 moons. Choice B is incorrect because the text states that the moon in question orbits Saturn in the same direction as the planet's spin, meaning that the moon's orbit is prograde, not that its orbit is neither prograde nor retrograde. Choice C is incorrect because the text merely notes that the moon in question has a prograde orbit without giving any indication of what likely caused that orbit.

Question Difficulty: Hard

Question ID 659c6c1d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	(Medium)

ID: 659c6c1d

The following text is adapted from Robert Louis Stevenson's 1883 novel *Treasure Island*. Bill is a sailor staying at the Admiral Benbow, an inn run by the narrator's parents.

Every day when [Bill] came back from his stroll he would ask if any seafaring men had gone by along the road. At first we thought it was the want of company of his own kind that made him ask this question, but at last we began to see he was desirous to avoid them. When a seaman did [stay] at the Admiral Benbow (as now and then some did) he would look in at him through the curtained door before he entered the parlour; and he was always sure to be as silent as a mouse when any such was present.

According to the text, why does Bill regularly ask about "seafaring men"?

- A. He's hoping to find an old friend and fellow sailor.
- B. He's trying to secure a job as part of the crew on a new ship.
- C. He isn't sure that other guests at the inn will be welcoming of sailors.
- D. He doesn't want to encounter any other sailor unexpectedly.

ID: 659c6c1d Answer

Correct Answer: D

Rationale

Choice D is the best answer. The narrator says that, at first, they thought Bill asked regularly about other seafarers because he wanted their company, but eventually they realized that Bill actually wanted to avoid them.

Choice A is incorrect. This isn't the reason the text gives for why Bill regularly asks about "seafaring men." The narrator says that, at first, they thought Bill asked regularly about other seafarers because he wanted their company, but eventually they realized that Bill wanted to avoid them. Choice B is incorrect. This isn't the reason the text gives for why Bill regularly asks about "seafaring men." The narrator says that, at first, they thought Bill asked regularly about other seafarers because he wanted their company, but eventually they realized that Bill wanted to avoid them. Choice C is incorrect. This isn't the reason the text gives for why Bill regularly asks about "seafaring men." The narrator says that, at first, they thought Bill asked regularly about other seafarers because he wanted their company, but eventually they realized that Bill wanted to avoid them.

Question Difficulty: Medium

Question ID 16025337

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 16025337

The following text is adapted from William Shakespeare's 1609 poem "Sonnet 27." The poem is addressed to a close friend as if he were physically present.

Weary with toil, I [hurry] to my bed,
The dear repose for limbs with travel tired;
But then begins a journey in my head
To work my mind, when body's work's expired:
For then my thoughts—from far where I abide—
[Begin] a zealous pilgrimage to thee,
And keep my drooping eyelids open wide,

What is the main idea of the text?

- A. The speaker is asleep and dreaming about traveling to see the friend.
- B. The speaker is planning an upcoming trip to the friend's house.
- C. The speaker is too fatigued to continue a discussion with the friend.
- D. The speaker is thinking about the friend instead of immediately falling asleep.

ID: 16025337 Answer

Correct Answer: D

Rationale

Choice D is the best answer it most accurately states the main idea of the text. The speaker describes going to bed for "repose" (rest) but finding that his thoughts are focused on the friend the speaker is addressing, and the thoughts are keeping the speaker awake.

Choice A is incorrect because the speaker isn't asleep; the thoughts about the friend are keeping the speaker awake. Choice B is incorrect because the speaker isn't talking about taking a literal trip; rather, the speaker uses the metaphor of a journey to describe internal thoughts. Choice C is incorrect because the speaker isn't having a discussion with the friend.

Question Difficulty: Hard

Question ID 20583752

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 20583752

"The Poet Walt Whitman" is an 1887 essay by José Martí, a Cuban author and political activist, originally written in Spanish. In the essay, Martí explores the value of literature, arguing that a society's spiritual well-being depends on the character of its literary culture: _____

Which quotation from a translation of "The Poet Walt Whitman" most effectively illustrates the claim?

- A. "Poetry, which brings together or separates, which fortifies or brings anguish, which shores up or demolishes souls, which gives or robs men of faith and vigor, is more necessary to a people than industry itself, for industry provides them with a means of subsistence, while literature gives them the desire and strength for life."
- B. "Every society brings to literature its own form of expression, and the history of the nations can be told with greater truth by the stages of literature than by chronicles and decades."
- C. "Where will a race of men go when they have lost the habit of thinking with faith about the scope and meaning of their actions? The best among them, those who consecrate Nature with their sacred desire for the future, will lose, in a sordid and painful annihilation, all stimulus to alleviate the ugliness of humanity."
- D. "Listen to the song of this hardworking and satisfied nation; listen to Walt Whitman. The exercise of himself exalts him to majesty, tolerance exalts him to justice, and order to joy."

ID: 20583752 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively illustrates the claim that Martí argues that a society's spiritual well-being depends on the character of its literary culture. In the quotation, Martí asserts that poetry is "more necessary to a people than industry itself" and that it has the power to provide people with "faith and vigor." He also adds that literature gives people "the desire and strength for life." Therefore, this quotation shows that Martí believes that literature is a societal necessity because it uplifts people and nourishes their spiritual well-being.

Choice B is incorrect. Although this quotation emphasizes the importance of literature, it focuses on how the nature of a society is reflected in that society's literature rather than on literature's value for people's spiritual well-being. Choice C is incorrect. Although this quotation involves an element of spirituality, it doesn't discuss literature. The quotation instead focuses on humanity's actions. Choice D is incorrect because this quotation mainly focuses on the importance of Walt Whitman rather than on the value of literature in general.

Question Difficulty: Hard

Question ID de0a5b4e

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: de0a5b4e

In 2022, researchers rediscovered ancient indigenous glyphs, or drawings, on the walls of a cave in Alabama. The cave's ceiling was only a few feet high, affording no position from which the glyphs, being as wide as ten feet, could be viewed or photographed in their entirety. However, the researchers used a technique called photogrammetry to assemble numerous photos of the walls into a 3D model. They then worked with representatives of tribes originally from the region, including the Chickasaw Nation, to understand the significance of the animal and humanoid figures adorning the cave.

According to the text, what challenge did the researchers have to overcome to examine the glyphs?

- A. The cave was so remote that the researchers couldn't easily reach it.
- B. Some of the glyphs were so faint that they couldn't be photographed.
- C. The researchers were unable to create a 3D model of the cave.
- D. The cave's dimensions prevented the researchers from fully viewing the glyphs.

ID: de0a5b4e Answer

Correct Answer: D

Rationale

Choice D is the best answer. The text describes the very low ceiling of the cave, making it impossible to photograph the very wide glyphs all at once.

Choice A is incorrect. The text doesn't say this. It never suggests that the cave was remote or difficult to access, just that the cave itself was difficult to photograph well. Choice B is incorrect. The text doesn't say this. The glyphs were so wide that they couldn't be photographed completely. Choice C is incorrect. The text states the opposite of this. The researchers "used a technique called photogrammetry to assemble numerous photos of the walls into a 3D model."

Question Difficulty: Easy

Question ID 4a85fea6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 4a85fea6

Euphorbia esula (leafy spurge) is a Eurasian plant that has become invasive in North America, where it displaces native vegetation and sickens cattle. *E. esula* can be controlled with chemical herbicides, but that approach can also kill harmless plants nearby. Recent research on introducing engineered DNA into plant species to inhibit their reproduction may offer a path toward exclusively targeting *E. esula*, consequently _____

Which choice most logically completes the text?

- A. making individual *E. esula* plants more susceptible to existing chemical herbicides.
- B. enhancing the ecological benefits of *E. esula* in North America.
- C. enabling cattle to consume *E. esula* without becoming sick.
- D. reducing invasive *E. esula* numbers without harming other organisms.

ID: 4a85fea6 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents the conclusion that most logically follows from the text's discussion of leafy spurge and engineered DNA. The text establishes that using chemical herbicides to control leafy spurge in North America can also harm other plants nearby. The text then indicates that it might be possible to use engineered DNA to prevent plants from reproducing, which would be useful for "exclusively targeting" leafy spurge. If it's possible to exclusively target leafy spurge with engineered DNA—meaning that only leafy spurge is affected by the engineered DNA—and prevent the plant from reproducing, then leafy spurge numbers could be reduced "without harming other organisms."

Choice A is incorrect because the text raises the possibility of using engineered DNA to prevent leafy spurge from reproducing, not to make individual leafy spurge plants more vulnerable to chemical herbicides that already exist. Choice B is incorrect because the text doesn't describe any ecological benefits of leafy spurge in North America; instead, the text is focused on using engineered DNA to prevent leafy spurge from reproducing and thereby reduce its numbers. The only ecological effects of leafy spurge in North America that are described in the text are harmful. Choice C is incorrect because the text describes the possibility of using engineered DNA to prevent leafy spurge from reproducing; it doesn't offer a way to enable cattle to eat leafy spurge without becoming sick.

Question Difficulty: Medium

Question ID 3f05e40f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	Three blue squares followed by one white square

ID: 3f05e40f

In many of his sculptures, artist Richard Hunt uses broad forms rather than extreme accuracy to hint at specific people or ideas. In his first major work, *Arachne* (1956), Hunt constructed the mythical character Arachne, a weaver who was changed into a spider, by welding bits of steel together into something that, although vaguely human, is strange and machine-like. And his large bronze sculpture *The Light of Truth* (2021) commemorates activist and journalist Ida B. Wells using mainly flowing, curved pieces of metal that create stylized flame.

Which choice best states the text's main idea about Hunt?

- A. He often depicts the subjects of his sculptures using an unrealistic style.
- B. He uses different kinds of materials depending on what kind of sculpture he plans to create.
- C. He tends to base his art on important historical figures rather than on fictional characters.
- D. He has altered his approach to sculpture over time, and his works have become increasingly abstract.

ID: 3f05e40f Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately states the main idea of the text. According to the text, many of Richard Hunt's sculptures "use broad forms rather than extreme accuracy"—in other words, they are more abstract than realistic. To illustrate Hunt's abstract approach, the text characterizes his sculpture of Arachne as "vaguely human" and his work in honor of Ida B. Wells as "using mainly flowing, curved pieces of metal that create stylized flame." Thus, the main idea is that Hunt often depicts the subjects of his sculptures using an unrealistic style.

Choice B is incorrect. Although the text indicates that one of Hunt's sculptures is made of steel and another of bronze, there is no mention of why he chose these materials. Choice C is incorrect because the text says nothing about how Hunt chose the subjects for his sculptures. Furthermore, of the two examples provided in the text, only Ida B. Wells is an important historical figure; Arachne is a "mythical character." Choice D is incorrect because the text says nothing about how Hunt's style changed over time. In fact, although the two examples of Hunt's work discussed in the text were created 65 years apart, they are both described as heavily stylized rather than realistic, which may suggest that some aspects of Hunt's style haven't changed over that time.

Question Difficulty: Medium

Question ID f942646f

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: f942646f

Researchers Suchithra Rajendran and Maximilian Popfinger modeled varying levels of passenger redistribution from short-haul flights (flights of 50 to 210 minutes, from takeoff to landing) to high-speed rail trips. Planes travel faster than trains, but air travel typically requires 3 hours of lead time for security, baggage handling, and boarding that rail travel doesn't, so short-haul routes take similar amounts of time by air and by rail. However, the model suggests that as rail passenger volumes approach current capacity limits, long lead times emerge. Therefore, for rail to remain a viable alternative to short-haul flights, _____

Which choice most logically completes the text?

- A. rail systems should offer fewer long-haul routes and airlines should offer more long-haul routes.
- B. rail systems may need to schedule additional trains for these routes.
- C. security, baggage handling, and boarding procedures used by airlines may need to be implemented for rail systems.
- D. passengers who travel by rail for these routes will need to accept that lead times will be similar to those for air travel.

ID: f942646f Answer

Correct Answer: B

Rationale

Choice B is the best answer. Air travel usually requires much more "lead time" than train travel, so short flights end up taking the same amount of time as a train trip to the same destination. But train travel starts to need more "lead time" when the trains approach their capacity limits. This suggests that train companies should add more trains for these routes if they want to encourage travelers to take a train instead of a plane.

Choice A is incorrect. This inference isn't supported. The text never discusses "long-haul routes" for either air travel or rail travel, so there is no basis to make this inference. Choice C is incorrect. This inference isn't supported. The text only mentions these procedures to explain why the "lead time" is so long for air travel. It never suggests that trains need to start implementing these procedures too. Choice D is incorrect. This inference isn't supported. The goal is to make sure that trains "remain a viable alternative" to short flights, which suggests that anything that makes train travel take longer should be avoided.

Question Difficulty: Hard

Question ID ccf414c9

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: ccf414c9

E-book Sales as a Percentage of Total Unit Sales in All Book Formats for a Large US Trade Publisher, by Genre, 2006, 2011, 2016

Genre	2006	2011	2016
science fiction and fantasy	0.6	27.7	36.7
cookbooks	0	2.9	10.5
travel guides	0	5.5	24.6
romance	0.3	40.6	56.2

E-books became an increasingly popular means of reading in the United States in the 2000s and 2010s, though that popularity was concentrated in titles that, like those in most fiction genres, are meant to be read straight through from beginning to end. For books in nonfiction genres that do not tell stories and require the reader to flip back and forth through a volume, e-books were significantly less commercially successful. This can be seen by comparing _____

Which choice most effectively uses data from the table to illustrate the claim?

- A. the percentage of 2016 cookbook sales that were e-books with the percentage of 2016 science fiction and fantasy sales that were e-books.
- B. the percentage of 2006 romance sales that were e-books with the percentage of 2016 romance sales that were e-books.
- C. the percentage of 2006 romance sales that were e-books with the 2006 science fiction and fantasy sales that were e-books.
- D. the percentage of 2011 travel guide sales that were e-books with the percentage of 2016 travel guide sales that were e-books.

ID: ccf414c9 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it uses data from the table to effectively support the claim that book genres that typically require the reader to start at the beginning of the story and read straight through are more commercially successful as e-books than other genres. For each of three years, the table presents four book genres and the percentage of total sales for each genre in e-book format. Cookbooks, a nonfiction genre, do not require the reader to read straight through. According to the table, 10.5 percent of total cookbook sales in 2016 were in the e-book format. The 2016 percentage of e-book sales was 36.7 percent in the science fiction and fantasy genre, which are typically stories read straight through from start to finish. The higher percentage of total sales of the story-based e-books in 2016 supports the claim in the text.

Choice B is incorrect because it compares the e-book sales of romance books in 2006 to those in 2016. Romance books are meant to be read straight through from start to finish. The text claims that books that are not stories and do not require reading straight through are not as commercially successful in e-book format as those that do. As this choice is only comparing e-book sales for one genre, it does not support the claim. Choice C is incorrect because both science fiction and fantasy and romance novels are fiction books meant to be read straight through from beginning to end. The text claims that books that are not stories and do not require reading straight through are less commercially successful in e-book format than those that do. As this choice does not compare e-book sales of story genres to e-book sales in genres that are not stories, it does not support the claim. Choice D is incorrect. Although the data in the table show that the travel guide e-books made up a greater percentage of total sales in 2016 than in 2011, this doesn't illustrate the claim in the text that e-books in nonfiction genres not meant to be read straight through are less commercially successful. The claim cannot be supported without comparing the percentage of e-book sales between fiction and nonfiction book genres from the table.

Question Difficulty: Medium

Question ID f8befef75

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: f8befef75

Many intellectual histories of the Black Power movement of the 1960s and 1970s rely heavily on essays and other explicitly ideological works as primary sources, a tendency that can overrepresent the perspectives of a small number of thinkers, most of whom were male. Historian Ashley D. Farmer has shown that expanding the array of primary sources to encompass more types of print material—including political cartoons, advertisements, and artwork—leads to a much better understanding of the movement and the crucial and diverse roles that Black women played in shaping it.

Which choice best describes the main idea of the text?

- A. Farmer's methods and research have enriched the historical understanding of the Black Power movement and Black women's contributions to it.
- B. Before Farmer's research, historians had largely ignored the intellectual dimensions of the Black Power movement.
- C. Other historians of the Black Power movement have criticized Farmer's use of unconventional primary sources.
- D. The figures in the Black Power movement whom historians tend to cite would have agreed with Farmer's conclusions about women's roles in the movement.

ID: f8befef75 Answer

Correct Answer: A

Rationale

Choice A is the best answer. It best describes the main idea of the text. The text starts by saying that historians of the Black Power movement are too reliant on openly ideological works, which were written mostly by men, as sources. The text then describes Farmer's research: she has shown that including other kinds of sources leads to a better understanding of the Black Power movement and the role Black women played in it.

Choice B is incorrect. This doesn't describe the main idea of the text. In fact, it conflicts with the text. The text says that historians have relied on "essays and other explicitly ideological works," which suggests that they *have* studied at least some of the intellectual dimensions of the Black Power movement. Choice C is incorrect. This doesn't describe the main idea of the text. The text never mentions how other historians of the Black Power movement view Farmer's use of unconventional sources. In fact, the text itself argues in favor of Farmer's research, claiming that it has led to a "much better understanding of the movement." Choice D is incorrect. This doesn't describe the main idea of the text. The text never mentions what any figures in the Black Power movement thought about women's roles in the movement.

Question Difficulty: Medium

Question ID c6b470bb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c6b470bb

"Odalie" is an 1899 short story by Alice Dunbar-Nelson. In the story, a young woman named Odalie attends the annual Mardi Gras carnival in New Orleans, where she lives with her guardian Tante Louise. Dunbar-Nelson portrays Odalie as eager to escape the monotony of her everyday life: _____

Which quotation from "Odalie" most effectively illustrates the claim?

- A. "Mardi Gras was a tiresome day, after all, she sighed, and Tante Louise agreed with her for once."
- B. "In the old French house on Royal Street, with its quaint windows and Spanish courtyard green and cool, and made musical by the plashing of the fountain and the trill of caged birds, lived Odalie in convent-like seclusion."
- C. "When one is shut up in a great French house with a grim sleepy tante and no companions of one's own age, life becomes a dull thing, and one is ready for any new sensation."
- D. "It was Mardi Gras day at last, and early through her window Odalie could hear the jingle of folly bells on the [participants'] costumes, the tinkle of music, and the echoing strains of songs."

ID: c6b470bb Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses a quotation from "Odalie" to illustrate the claim that Odalie is eager to escape the monotony, or tedious lack of variety, of her everyday life. In the quotation, Odalie describes feeling "shut up" and complains that she has "no companions" except for her "sleepy tante." Odalie goes on to say that, as a result, her life is "dull" and she is "ready for any new sensation," meaning she wants a change. This suggests that Odalie wishes to get away from her monotonous everyday life.

Choice A is incorrect. Although this quotation includes the word "tiresome," which means dull, it does so to suggest Odalie's negative feelings about Mardi Gras, which is a once-a-year celebration, not her feelings about her everyday life. This quotation therefore doesn't express that Odalie's everyday life is monotonous or that she wishes to escape. Choice B is incorrect. Although this quotation ends by saying that Odalie lives in seclusion, or isolation, it doesn't express that Odalie's everyday life is monotonous or that she wishes to escape. Instead, it describes the pleasant qualities of the house Odalie lives in, saying that it has "quaint windows" and a "green and cool" courtyard that is "made musical" by the sounds of a fountain and pet birds. Choice D is incorrect because this quotation describes the lively sounds of a Mardi Gras celebration that Odalie hears through her window, not the monotony of Odalie's everyday life or her wish to escape.

Question Difficulty: Medium

Question ID 350e2336

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 350e2336

The Haitian Declaration of Independence was issued in 1804, bringing to an end the revolution against colonial France that began in 1791. Written in French, which was not the first language of most Haitians but which was used throughout Europe as the language of international diplomacy, the declaration notes that Haiti will not bring rebellion to other Caribbean nations, promises to respect the sovereignty of its neighbors—widely understood as a reassurance to the United States—and sets up Haiti as an example for future struggles against colonizers (an implicit reference to the many colonies then found in the Americas). So even though the declaration is explicitly addressed to the Haitian people, it's reasonable to conclude that _____

Which choice most logically completes the text?

- A. aspects of the declaration were modeled on similar documents from other countries.
- B. the French government may have been surprised by the declaration.
- C. many Haitian people opposed the revolution and the declaration.
- D. the declaration actually had several intended audiences.

ID: 350e2336 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The passage tells us that the declaration was written in a language important to European diplomacy but not most Haitians, states that the declaration included "a reassurance to the United States," and made implicit references to colonies in the Americas. Because of the messages within the declaration that were largely irrelevant to the Haitian people, we can assume that the Haitian people were not the only audience for this document.

Choice A is incorrect. There's no mention in the passage of similar documents in other countries, so there's no basis for this inference. Choice B is incorrect. Although there's an implicit reference to European governments when the passage discusses how the declaration was written in French, "which was used throughout Europe as the language of international diplomacy," there is no discussion of the French government's response to the declaration. Therefore, there's no basis for this inference. Choice C is incorrect. The passage doesn't mention the popularity of the revolution and declaration among the Haitian people, so there's no basis for this inference.

Question Difficulty: Medium

Question ID 08b28c1a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 08b28c1a

A researcher conducted an experiment inspired by studies suggesting that people may benefit from feeling frightened in certain circumstances, such as when watching scary movies or visiting haunted attractions. The researcher recruited several participants and had them walk through a local haunted house attraction. Immediately after exiting the attraction, each participant completed a survey about their experience. Based on the survey responses, the researcher claims that feeling frightened in controlled situations can boost a person's mood and confidence.

Which quotation from a participant would best illustrate the researcher's claim?

- A. "After I came out of the haunted house, I felt very accomplished and less stressed."
- B. "My friends kept laughing as we were walking through the haunted house."
- C. "The haunted house was scary at first, but I knew everyone was just acting, so I felt less scared after a few minutes."
- D. "The sense of relief I felt at the end of the haunted house was similar to the feelings I have when I finish a scary movie."

ID: 08b28c1a Answer

Correct Answer: A

Rationale

Choice A is the best answer. This choice illustrates both "feeling frightened in controlled situations" (the haunted house) and the benefit of a boosted mood ("less stressed") and confidence ("very accomplished").

Choice B is incorrect. This choice isn't the best illustration of the claim. While laughing may indicate a good mood, this choice provides no evidence of "feeling frightened" or boosted confidence. Another choice provides better evidence. Choice C is incorrect. This choice isn't the best illustration of the claim. This choice demonstrates "feeling frightened" in a controlled environment, but it doesn't provide strong evidence of boosted mood or confidence. Another choice provides better evidence. Choice D is incorrect. This choice isn't the best illustration of the claim. While a "sense of relief" could be interpreted as a boosted mood, this choice doesn't provide direct evidence of "feeling frightened" or of increased confidence. This choice simply suggests that haunted houses and scary movies have a similar effect. Another choice provides better evidence for the researcher's claim.

Question Difficulty: Easy

Question ID a13c1c66

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: a13c1c66

Many animals, including humans, must sleep, and sleep is known to have a role in everything from healing injuries to encoding information in long-term memory. But some scientists claim that, from an evolutionary standpoint, deep sleep for hours at a time leaves an animal so vulnerable that the known benefits of sleeping seem insufficient to explain why it became so widespread in the animal kingdom. These scientists therefore imply that _____

Which choice most logically completes the text?

- A. prolonged deep sleep is likely advantageous in ways that have yet to be discovered.
- B. most traits perform functions that are hard to understand from an evolutionary standpoint.
- C. it is more important to understand how widespread prolonged deep sleep is than to understand its function.
- D. many traits that provide significant benefits for an animal also likely pose risks to that animal.

ID: a13c1c66 Answer

Correct Answer: A

Rationale

Choice A is the best answer. It most logically completes the text. The text says that some scientists can't explain why prolonged deep sleep is so widespread, given that the known benefits of sleep don't seem to make up for how vulnerable it leaves an animal. This suggests that prolonged deep sleep probably has unknown evolutionary benefits that make up for the vulnerability.

Choice B is incorrect. It doesn't logically complete the text. The text only discusses the benefits and risks of one trait: sleep. So there's no basis for an inference about "most traits." Choice C is incorrect. It doesn't logically complete the text. The text says that it is already known that prolonged deep sleep is widespread in the animal kingdom. Rather, what some scientists can't explain is WHY prolonged deep sleep is so widespread, given that the known benefits of sleep don't seem to make up for how vulnerable it leaves an animal. Choice D is incorrect. It doesn't logically complete the text. The text only discusses the benefits and risks of one trait: sleep. So there's no basis for an inference about "many traits."

Question Difficulty: Hard

Question ID 194dd448

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 194dd448

"John of God, the Water-Carrier" is a 1913 short story by María Cristina Mena. In the story, the narrator presents John as being a hard worker who is fully dedicated to his job as water carrier, or *aguador*: _____

Which quotation from "John of God, the Water-Carrier" most effectively illustrates the claim?

- A. "Very happy, he would jog home, the heavy silver pieces in his leather pockets making a discreet and dulcet '*trink-trak*' between his jugs and his body."
- B. "He learned that the city *aguador* may not blow his whistle to halt the traffic while he gravely crosses the street, but must wait for the passing of many vehicles, some with horses and some outlandishly without."
- C. "From early morn to the fall of the afternoon he would go from fountain to fountain and from portal to portal, his lean body so accustomed to bending that he never thought of straightening it, his head bowed as if in prayer."
- D. "When his first jugs had worn out—the sweet-scented, porous red clay becomes perforated in time—he had buried them to their necks in the corner where he slept, and they were now his treasury."

ID: 194dd448 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively illustrates the claim in the text that John is hard-working and dedicated to his job. In the quotation, John is portrayed as spending "early morn to the fall of the afternoon" working hard as a water carrier. John is also described as "so accustomed to bending" while doing his work "that he never thought of straightening" his body, instead remaining deeply focused on his work. These details portray John as a dedicated worker.

Choice A is incorrect because this quotation portrays John as happy about heading home after being paid. It doesn't showcase John being hard at work. Choice B is incorrect because this quotation doesn't pertain to John's commitment to his work; it describes difficulties the traffic in the city causes John in the performance of his work. Choice D is incorrect because this quotation doesn't pertain to John's commitment to his work; it discusses what John does with his worn-out water jugs.

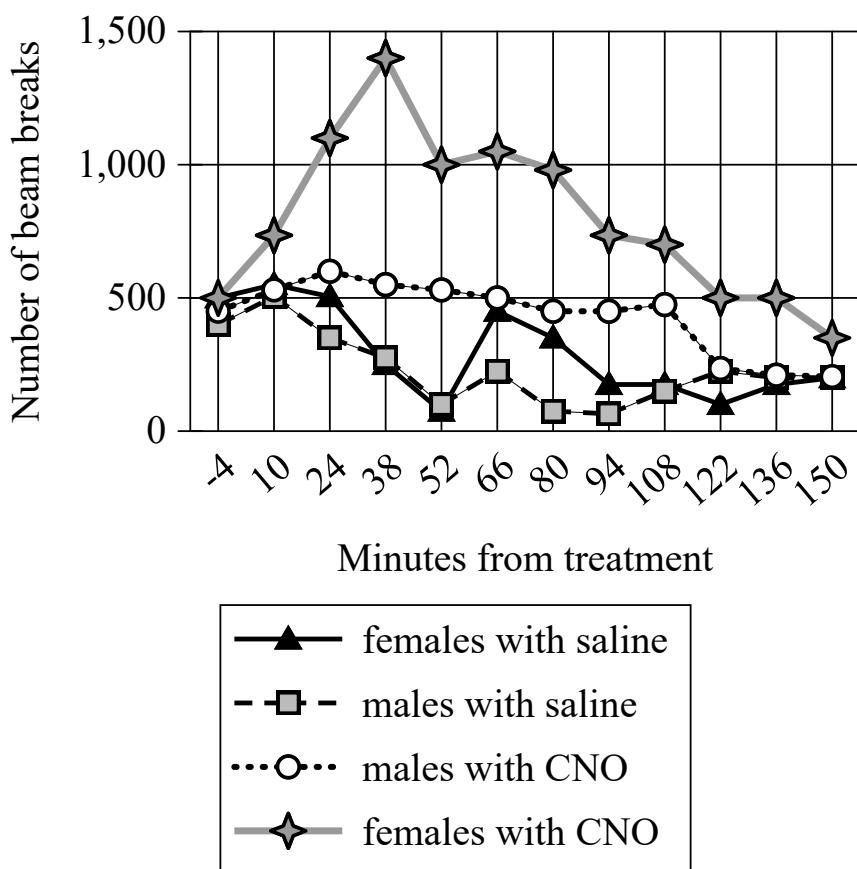
Question Difficulty: Medium

Question ID e2829dd7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: e2829dd7

Number of Infrared Beam Breaks by Mice
Treated with CNO or Saline, by Sex



To investigate the influence of certain estrogen-responsive neurons on energy expenditure, biologist Stephanie Correa et al. treated female and male mice with either saline solution or clozapine-N4-oxide (CNO), which activates the neurons. Monitoring the activity levels of the mice by measuring how frequently the animals broke infrared beams crossing their enclosures, Correa et al. found that the mice in their study showed sex-specific differences in response to neuron activation: _____

Which choice most effectively uses data from the graph to complete the assertion?

- A. the four groups of mice differed greatly in their activity levels before treatment but showed identical activity levels at the end of the monitoring period.
- B. saline-treated females showed substantially more activity at certain points in the monitoring period than saline-treated males did.
- C. CNO-treated females showed more activity relative to saline-treated females than CNO-treated males showed relative to saline-treated males.
- D. CNO-treated females showed a substantial increase and then decline in activity over the monitoring period, whereas CNO-treated males showed a substantial decline in activity followed by a steep increase.

Correct Answer: C

Rationale

Choice C is the best answer. The graph shows that the CNO-treated females were way more active than the CNO-treated males, while the saline-treated males and females (the control groups) had very similar activity levels. This supports the claim that there were sex-specific differences in the mice's response to neuron activation.

Choice A is incorrect. This choice misreads the graph. All four groups of mice started at nearly the same activity level before treatment (see how all four points are very close together at -4 minutes, meaning four minutes before treatment). Choice B is incorrect. This choice doesn't complete the assertion. The assertion is about the mice's response to neuron activation, so we need to include the data about the CNO-treated females and males. Choice D is incorrect. This choice misreads the graph. The line for the CNO-treated males does not show a "substantial decline" until around 122 minutes, and there is no "steep increase" afterward.

Question Difficulty: Medium

Question ID 99fdf71c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 99fdf71c

"When Dawn Comes to the City" is a 1922 poem by Claude McKay, who immigrated to the United States from the island nation of Jamaica as an adult. The poem conveys McKay's contrasting feelings about New York City—his adopted home in the US—and his home country: _____

Which quotation from "When Dawn Comes to the City" most effectively illustrates the claim?

- A. "A lonely newsboy hurries by, / Humming a recent ditty; / Red streaks strike through the gray of the sky, / The dawn comes to the city [New York City]."
- B. "Dark figures start for work; / I watch them sadly shuffle on, / 'Tis dawn, dawn in New York. / But I would be on the island of the sea, / In the heart of the island of the sea."
- C. "And the shaggy Nannie goat is calling, calling, calling / From her little trampled corner of the long wide lea / That stretches to the waters of the hill-stream falling / Sheer upon the flat rocks joyously!"
- D. "The tired cars go grumbling by, / The moaning, groaning cars, / And the old milk carts go rumbling by / Under the same dull stars."

ID: 99fdf71c Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a quotation illustrating the claim that the poem conveys McKay's contrasting feelings about New York City and Jamaica. McKay first presents a somewhat negative view of New York City, describing watching "dark figures" who "sadly shuffle" to work at dawn, and then indicates that he would instead like to be "in the heart of the island of the sea."

Choice A is incorrect because the quotation focuses on a description of only one place (New York City, with its "lonely newsboy" and "red streaks" in the sky at dawn) rather than on different feelings about two places. Choice C is incorrect because the quotation focuses on a description of only one place (which isn't named) rather than on McKay's different feelings about two places. Choice D is incorrect because though McKay presents a negative image of an unnamed place with "tired cars" that grumble, moan, and groan, and "old milk carts" that rumble by under "dull stars," the quotation focuses on McKay's feelings about only one place rather than on different feelings about two places.

Question Difficulty: Medium

Question ID 12030076

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 12030076

NASA's Aspera mission, led by Carlos Vargas, will investigate the circumgalactic medium (CGM), the huge swaths of low-density gas that fill and surround galaxies. Specifically, the team will focus on portions of the gas that exist in a "warm-hot" phase: these portions haven't previously been observable but are thought to fuel new star formation and hold most of the mass that makes up a galaxy. Using a telescope capable of revealing these parts of the CGM, the Aspera mission should help answer long-standing questions about how galaxies emerge, change, and even interact.

Which choice best states the main idea of the text?

- A. As the leader of NASA's Aspera mission, Vargas will be the first person to investigate the makeup of the CGM.
- B. Although galaxies that are surrounded by the CGM have been studied, researchers have been unable to directly observe low-density gas in the CGM in the "warm-hot" phase.
- C. Researchers don't yet have a complete understanding of the process of galaxy evolution but have raised the possibility that galaxies interact with each other at times.
- D. The Aspera mission is expected to produce the first direct observations of CGM gas in the "warm-hot" phase, which likely has an important role in the evolution of galaxies.

ID: 12030076 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it most accurately states the main idea of the text. The text begins by mentioning NASA's Aspera mission, which will investigate the low-density gas that makes up the circumgalactic medium (CGM). According to the text, this mission will focus on a portion of the CGM's gas that exists in a "warm-hot" phase; this "warm-hot" gas has not been previously observed, but it is thought to make up most of the mass of galaxies and play a part in star formation. Finally, the text mentions a telescope capable of examining this previously unobservable "warm-hot" gas: the Aspera mission will use this telescope in the hope of answering questions about galaxy formation and change. Therefore, the main idea of the text is that the Aspera mission is likely to produce the first direct observations of CGM gas in the "warm-hot" phase, which likely has an important role in the evolution of galaxies.

Choice A is incorrect. Although this choice mentions the Aspera mission, names its leader, and generally states the mission's purpose, it does not reference the "warm-hot" gas or fully convey the reason why the Aspera mission is significant. Choice B is incorrect. Although this choice mentions the "warm-hot" gas that makes up a portion of the CGM, it does not reference the Aspera mission or describe its importance. The text also does not mention that galaxies surrounded by the CGM have been studied. Choice C is incorrect. Although this choice describes a problem related to the CGM that researchers have been attempting to solve and presents the speculation of those researchers, it does not mention the Aspera mission or describe its purpose.

Question Difficulty: Medium

Question ID 04bcb7a9

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 04bcb7a9

Xin Wang and colleagues have discovered the earliest known example of a flower bud in a 164-million-year-old plant fossil in China. The researchers have named the new species *Florigerminis jurassica*. They believe that the discovery pushes the emergence of flowering plants, or angiosperms, back to the Jurassic period, which occurred between 145 million and 201 million years ago.

According to the text, how old was the fossil that Wang and colleagues discovered?

- A. 150 million years old
- B. 145 million years old
- C. 164 million years old
- D. 201 million years old

ID: 04bcb7a9 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it gives the age for the fossil discovered by Wang and colleagues that is directly supported by the text. According to the text, Xin Wang and colleagues discovered a 164-million-year-old plant fossil. This plant fossil included a flower bud, which the researchers believe provides evidence that flowering plants emerged in the Jurassic period, which falls between 145 million and 201 million years ago.

Choice A is incorrect because the text states that Wang and colleagues discovered a 164-million-year-old flowering plant fossil in China, not one that is 150 million years old. Although 150 million years ago would fall within the Jurassic period, according to the text it isn't the age of the discovered fossil. Choice B is incorrect because the text states that Wang and colleagues discovered a 164-million-year-old flowering plant fossil in China, not one that is 145 million years old. Although 145 million years ago would fall at the end of the Jurassic period, according to the text it isn't the age of the discovered fossil. Choice D is incorrect because the text states that Wang and colleagues discovered a 164-million-year-old flowering plant fossil in China, not one that is 201 million years old. Although 201 million years ago would fall at the beginning of the Jurassic period, according to the text it isn't the age of the discovered fossil.

Question Difficulty: Easy

Question ID 0dba14e6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 0dba14e6

The increased integration of digital technologies throughout the process of book creation in the late 20th and early 21st centuries lowered the costs of book production, but those decreased costs have been most significant in the manufacturing and distribution process, which occurs after the authoring, editing, and design of the book are complete. This suggests that in the late 20th and early 21st centuries, _____

Which choice most logically completes the text?

- A. digital technologies made it easier than it had been previously for authors to write very long works and get them published.
- B. customers generally expected the cost of books to decline relative to the cost of other consumer goods.
- C. publishers increased the variety of their offerings by printing more unique titles but also printed fewer copies of each title.
- D. the costs of writing, editing, and designing a book were less affected by the technologies used than were the costs of manufacturing and distributing a book.

ID: 0dba14e6 Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents the conclusion that most logically follows from the text's discussion of how digital technologies affected the process of book creation. The text explains that in the late 20th and early 21st centuries digital technologies lowered book production costs most significantly in manufacturing and distribution. The text goes on to point out that authoring, editing, and book design are distinct steps in the process that occur before manufacturing and distribution. Because the savings connected to digital technologies have been most significant in manufacturing and distribution, it's reasonable to infer that those technologies had less of an effect on writing, editing, and designing books.

Choice A is incorrect because the text focuses on lowered book production costs that occur after authoring has taken place; there's no indication in the text whether digital technologies made writing and publishing lengthy books easier. Choice B is incorrect. Although it's logical to conclude that customers would expect the cost of books to decline if production costs have declined, the text doesn't address customer expectations for the cost of books or any other consumer goods. Choice C is incorrect because the text focuses broadly on how digital technologies have affected the cost of the publishing process; it doesn't address the kinds of books being published or how many copies are printed.

Question Difficulty: Hard

Question ID 860803dd

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 860803dd

Biologist Valentina Gómez-Bahamón and her team have investigated two subspecies of the fork-tailed flycatcher bird that live in the same region in Colombia, but one subspecies migrates south for part of the year, and the other doesn't. The researchers found that, due to slight differences in feather shape, the feathers of migratory forked-tailed flycatcher males make a sound during flight that is higher pitched than that made by the feathers of nonmigratory males. The researchers hypothesize that fork-tailed flycatcher females are attracted to the specific sound made by the males of their own subspecies, and that over time the females' preference will drive further genetic and anatomical divergence between the subspecies.

Which finding, if true, would most directly support Gómez-Bahamón and her team's hypothesis?

- A. The feathers located on the wings of the migratory fork-tailed flycatchers have a narrower shape than those of the nonmigratory birds, which allows them to fly long distances.
- B. Over several generations, the sound made by the feathers of migratory male fork-tailed flycatchers grows progressively higher pitched relative to that made by the feathers of nonmigratory males.
- C. Fork-tailed flycatchers communicate different messages to each other depending on whether their feathers create high-pitched or low-pitched sounds.
- D. The breeding habits of the migratory and nonmigratory fork-tailed flycatchers remained generally the same over several generations.

ID: 860803dd Answer

Correct Answer: B

Rationale

Choice B is the best answer because it presents a finding that, if true, would most directly support Gómez-Bahamón and her team's hypothesis about fork-tailed flycatchers. The text indicates that although two subspecies of the birds live in the same region, the tail feathers of the migrating males make a higher-pitched sound than the tail feathers of the nonmigrating males do. Gómez-Bahamón and her team hypothesize that female fork-tailed flycatchers are attracted to the particular sound made by the tail feathers of males of their own subspecies, which will bring about additional "genetic and anatomical divergence" between the two subspecies. If it were found that the pitch generated by the tail feathers of migrating males is getting higher over successive generations, it would indicate that the shape of the migrating subspecies' tail feathers is diverging further from that of the nonmigrating subspecies. And if females continue to prefer the sounds of the males of their own subspecies, the females of the migrating subspecies will become acclimated to increasingly higher pitches over subsequent generations, causing further divergence between the subspecies. Thus, if it were found that migrating males' tail feathers were producing higher pitches over time, that would support the researchers' hypothesis.

Choice A is incorrect because the researchers' hypothesis is that female flycatchers prefer the sounds produced by the tail feathers of males of their own subspecies, which will lead to further divergence between the two subspecies. This finding is about the shape of wing feathers and how that affects long-distance flight, whereas the hypothesis is about the shape of tail feathers and how that relates to female mate preference. Choice C is

incorrect because the researchers' hypothesis is that female flycatchers prefer the sounds produced by the tail feathers of males of their own subspecies, which will lead to further divergence between the two subspecies. This finding focuses on how the tail feather sounds communicate different messages, which doesn't address differences between the subspecies or female preferences. Choice D is incorrect because the researchers' hypothesis is that female flycatchers prefer the sounds produced by the tail feathers of males of their own subspecies, which will lead to further divergence between the two subspecies. The finding that breeding habits haven't changed for either subspecies does not, by itself, suggest anything about female preferences or divergence between the two subspecies.

Question Difficulty: Hard

Question ID 63e7799d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 63e7799d

In vertical inheritance, parents pass genes to their offspring, but in horizontal transfer (HT), one species, often bacteria, passes genetic material to an unrelated species. In a 2022 study, herpetologist Atsushi Kurabayashi and his team investigated HT in multicellular organisms—namely, snakes and frogs in Madagascar. The team detected *BovB*—a gene transmitted vertically in snakes—in many frog species. The apparent direction of gene transfer seems counterintuitive because frogs usually don't survive encounters with snakes and so wouldn't be able to transmit the newly acquired gene to offspring, but the team concluded that *BovB* is indeed transmitted from snakes to frogs, either directly or indirectly, via HT.

Which finding, if true, would most directly support the team's conclusion?

- A. *BovB* can be transmitted across frog species through HT.
- B. Parasites known to feed on species of snakes and frogs in which the *BovB* gene occurs also carry *BovB*.
- C. *BovB* cannot be reliably transmitted from a snake species to bacteria that are usually encountered by frog species.
- D. Frog species with *BovB* show few discernible advantages as compared with frog species that do not carry *BovB*.

ID: 63e7799d Answer

Correct Answer: B

Rationale

Choice B is the best answer. If there are parasites that feed on both snakes and frogs, they could carry *BovB* from snakes to frogs. HT could occur “indirectly” through those encounters, which frogs are more likely to survive than snake encounters.

Choice A is incorrect. The team's conclusion specifically argues that *BovB* is transmitted from snakes to frogs via HT, and this choice doesn't mention snakes. Choice C is incorrect. The team argues that *BovB* is transmitted from snakes to frogs via HT, and this answer choice discusses a scenario in which the gene is not transmitted. Choice D is incorrect. Whether or not frog species with *BovB* are advantaged isn't relevant to the team's conclusion about how the gene is transmitted.

Question Difficulty: Hard

Question ID c4bee178

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c4bee178

Moons of Dwarf Planets

Dwarf planet name	Number of moons	Name of moons
Haumea	2	Hi'iaka, Namaka
Ceres	0	N/A
Makemake	1	MK 2
Eris	1	Dysnomia
Pluto	5	Charon, Nix, Kerberos, Styx, Hydra

Like Earth, some dwarf planets in the solar system have exactly one moon. Two examples of such dwarf planets are _____.

Which choice most effectively uses data from the table to complete the statement?

- A. Eris and Makemake.
- B. Haumea and Eris.
- C. Pluto and Haumea.
- D. Makemake and Ceres.

ID: c4bee178 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to complete the statement about dwarf planets that have exactly one moon. The table lists several dwarf planets in one column and the number of moons that each of those dwarf planets has in another column. The text states that some dwarf planets have exactly one moon and indicates that there are two examples. Only two dwarf planets in the table have exactly one moon: Eris and Makemake.

Choice B is incorrect. According to the table, Eris has exactly one moon, but Haumea has two moons. Choice C is incorrect. According to the table, Haumea has two moons, and Pluto has five moons. Thus, they are not examples of dwarf planets with exactly one moon. Choice D is incorrect because while the table indicates that Makemake has exactly one moon, the table shows that Ceres has no moons at all.

Question Difficulty: Easy

Question ID 80fd9454

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 80fd9454

Percentage of Available Eggs Eaten by Cane Toad Tadpoles

Amphibian species (common name)	Percentage of eggs eaten	Native to Australia	Produces bufadienolide
Little red tree frog	1%	yes	no
Cane toad	90%	no	yes
Short-footed frog	7%	yes	no
Striped burrowing frog	10%	yes	no
Dainty green tree frog	1%	yes	no

Native to Latin America, the cane toad was introduced to Australia in the 1930s. In recent decades, tadpoles in the Australian population have been shown to consume eggs of their own species. A 2022 study showed that when presented with cane toad eggs as well as eggs of native Australian amphibians, cane toad tadpoles disproportionately consumed eggs of their own species. This behavior results from their attraction to bufadienolide, a chemical produced by the eggs of cane toads but not by the eggs of native amphibians. However, using data from this study, a student wishes to argue that the presence of bufadienolide doesn't entirely explain the cane toad tadpoles' preference for certain eggs over others.

Which choice best describes data from the table that support the student's argument?

- A. The tadpoles consumed a higher percentage of the striped burrowing frog eggs than they did of the eggs of the dainty green tree frog.
- B. The tadpoles left a certain percentage of the eggs of each of the five species unharmed, thus ultimately allowing them to hatch.
- C. The tadpoles consumed a lower percentage of the short-footed frog eggs than they did of the eggs of their own species.
- D. The tadpoles consumed the same percentage of the dainty green tree frog eggs as they did of the little red tree frog eggs.

ID: 80fd9454 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to support the student's argument about the role of bufadienolide in the egg preferences of cane toad tadpoles. For each of five amphibian species included in the 2022 study, the table gives the percentage of available eggs that the cane toad tadpoles ate. According to the table, the tadpoles ate 10% of striped burrowing frog eggs and 1% of dainty green tree frog eggs, which suggests a preference for striped burrowing frog eggs over dainty green tree frog eggs. The table also indicates that neither of these species' eggs produces bufadienolide. Thus, these data suggest that something

other than the presence or absence of bufadienolide is needed to adequately explain the tadpoles' egg preferences.

Choice B is incorrect. Although the table shows that for each of the five amphibian species, the cane toad tadpoles ate less than 100% of that species' eggs, which demonstrates that the tadpoles did indeed leave some eggs for each species unharmed, this fact alone is irrelevant to the tadpoles' preferences for some species' eggs over other species' eggs. Choice C is incorrect. Although the table indicates that the cane toad tadpoles ate 90% of the cane toad eggs and 7% of the short-footed frog eggs, which suggests that they prefer cane toad eggs over short-footed frog eggs, the table also indicates that cane toad eggs produce bufadienolide, whereas short-footed frog eggs do not. Therefore, these data are not sufficient to exclude that bufadienolide alone could explain the tadpoles' preference for some species' eggs over other species' eggs. Choice D is incorrect. Although the table shows that for both dainty green tree frog eggs and little red tree frog eggs, the cane toad tadpoles ate 1% of those species' eggs, it also indicates that neither produces bufadienolide. Thus, these data alone don't indicate bufadienolide's role in the tadpoles' egg preferences.

Question Difficulty: Hard

Question ID cbecb873

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: cbecb873

Body Length, Filter Time, and Lunges per Dive for Four Whale Species

Whale species	Typical adult body length (meters)	Average time to filter all engulfed water (seconds)	Average number of lunges per dive deeper than 50 meters
fin	18–22	31.30	3.95
humpback	11–17	17.12	6.28
minke	7–10	8.88	7.48
blue	24–34	60.27	4.02

Some whale species practice lunge feeding, in which they lunge toward prey with their mouths open at wide angles, collect the prey and the surrounding water, and then filter out the water through baleen plates in their mouths. Although the volume of water engulfed increases with whales' body length, the surface area of whales' baleen plates, which influences the rate at which water can be filtered, does not increase with body length to the same degree, which helps explain why _____.

Which choice most effectively uses data from the table to complete the statement?

- A. minke whales and humpback whales show similar average filter times.
- B. humpback whales show an average of 6.28 lunges per dive.
- C. fin whales show a longer average filter time than minke whales do.
- D. blue whales show the longest average filter time and the highest average number of lunges per dive.

ID: cbecb873 Answer

Correct Answer: C

Rationale

Choice C is the best answer. To support the claim, we need to show that longer whales take more time to filter all the water they engulf than shorter whales do. This choice accurately reflects that a longer whale (the fin whale) takes more time to filter engulfed water (31.30 seconds on average) compared to a shorter whale (the minke whale, which only took 8.88 seconds on average).

Choice A is incorrect. The table shows that minke whales take an average of 8.88 seconds to filter engulfed water, while humpback whales take an average of 17.12 seconds to complete the same task. Choice B is incorrect. This choice doesn't reflect the claim about baleen plates. The claim explains why whales of differing lengths take different amounts of time to filter engulfed water. This choice doesn't compare whales of different lengths, and it focuses on the number of lunges, which isn't shown to be relevant to filter time. Choice D is incorrect. The table shows that blue whales average 4.02 lunges per dive, which is not the highest average among the whales in the table.

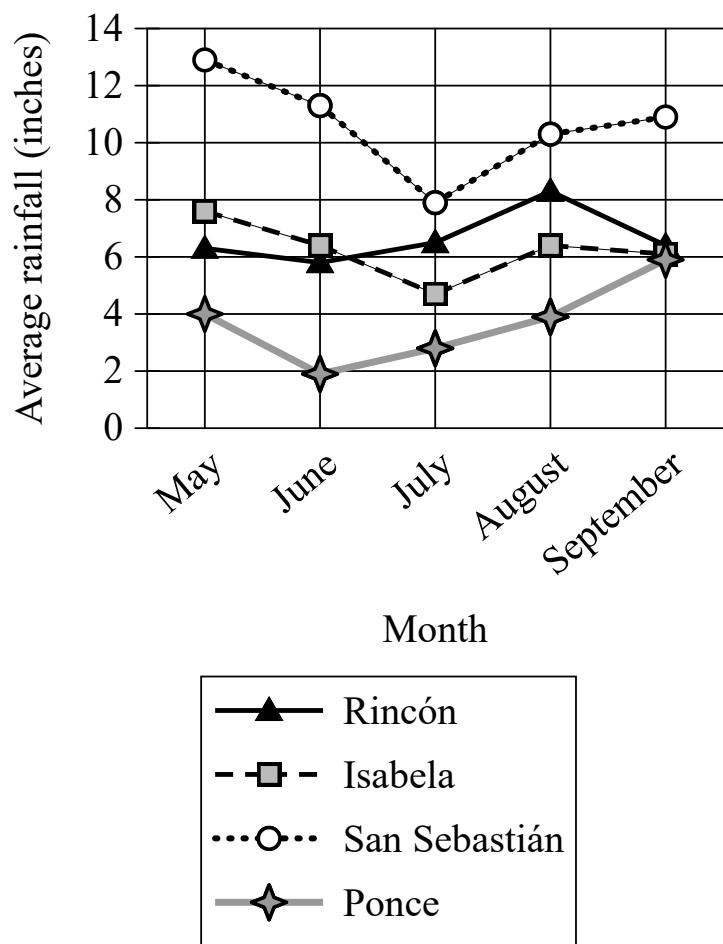
Question Difficulty: Medium

Question ID 1703403b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ □ □

ID: 1703403b

Average Monthly Rainfall in
Select Puerto Rican Cities
from 1981 to 2010



A student is presenting average monthly rainfall totals in various Puerto Rican cities for a science class. During the presentation, the student notes that in September _____

Which choice most effectively uses data from the graph to complete the statement?

- A. Rincón's average rainfall is greater than that of Isabela, San Sebastián, and Ponce.
- B. Rincón and Ponce have an average rainfall of about 5 inches, and Isabela and San Sebastián have an average rainfall of about 10 inches.
- C. Rincón, Ponce, and Isabela each have an average rainfall below 8 inches, but San Sebastián's average rainfall that month is greater than 8 inches.
- D. Rincón has a similar average rainfall to Isabela, and Ponce has a similar average rainfall to San Sebastián.

ID: 1703403b Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses data from the graph to complete the statement about average rainfall in September in select Puerto Rican cities. The graph shows that between 1981 and 2010 Rincón, Ponce, and Isabela all had an average rainfall during the month of September of about 6 inches, and San Sebastián had an average rainfall of nearly 11 inches. Describing the average September rainfall of Rincón, Ponce, and Isabela as below 8 inches and the average September rainfall of San Sebastián as greater than 8 inches therefore offers an accurate description of the data in the graph and most effectively completes the statement.

Choice A is incorrect because it offers an inaccurate interpretation of the data in the graph. The graph shows that in September, Rincón, Isabela, and Ponce all have an average rainfall of about 6 inches, and San Sebastián has an average rainfall of nearly 11 inches. Therefore, Rincón's average rainfall is the same as, not greater than, that of Isabela and Ponce, and it is below, not greater than, that of San Sebastián. Choice B is incorrect because it inaccurately describes the data in the graph. In September, Rincón and Ponce have an average rainfall of about 6 inches, not 5 inches; Isabela has an average rainfall of about 6 inches, not 10 inches; and San Sebastián has an average rainfall of nearly 11 inches, not 10 inches. Choice D is incorrect because although the graph shows a similar average rainfall (about 6 inches) for Rincón and Isabela in September, it doesn't show that Ponce has a similar average rainfall to San Sebastián during this month. In September, Ponce's average rainfall is about 6 inches, whereas San Sebastián's average rainfall is nearly 11 inches.

Question Difficulty: Easy

Question ID 66bef967

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 66bef967

Choctaw/Cherokee artist Jeffrey Gibson turns punching bags used by boxers into art by decorating them with beadwork and elements of Native dressmaking. These elements include leather fringe and jingles, the metal cones that cover the dresses worn in the jingle dance, a women's dance of the Ojibwe people. Thus, Gibson combines an object commonly associated with masculinity (a punching bag) with art forms traditionally practiced by women in most Native communities (beadwork and dressmaking). In this way, he rejects the division of male and female gender roles.

Which choice best describes Gibson's approach to art, as presented in the text?

- A. He draws from traditional Native art forms to create his original works.
- B. He has been influenced by Native and non-Native artists equally.
- C. He finds inspiration from boxing in designing the dresses he makes.
- D. He rejects expectations about color and pattern when incorporating beadwork.

ID: 66bef967 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately describes Gibson's approach to art. As the text explains, Gibson, who is Cherokee and Choctaw, transforms punching bags into art pieces by applying (or attaching) to them beadwork and elements of Native dressmaking, including leather fringe and the jingles of the jingle dress. The text goes on to say that in most Native communities, the art forms of beadwork and dressmaking are traditionally practiced by women. Therefore, Gibson's approach to art consists of creating original works by drawing from traditional Native art forms.

Choice B is incorrect. Because Gibson incorporates Native art forms into his own original artwork, it can be inferred that he has been influenced by other Native artists, but the text never suggests that non-Native artists have influenced him. Choice C is incorrect because the text doesn't indicate that Gibson designs dresses influenced by boxing but instead that he turns punching bags, which are used in boxing, into works of art by applying elements of Native dressmaking to them. Choice D is incorrect. Although Gibson does incorporate beadwork into his art, the text never mentions the colors or patterns that he uses or suggests that his art defies the expectations that people might have about color and pattern in beadwork.

Question Difficulty: Medium

Question ID 55df0275

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 55df0275

Ablation Rates for Three Elements in Cosmic Dust, by Dust Source

Element	SPC	AST	HTC	OCC
iron	20%	28%	90%	98%
potassium	44%	74%	97%	100%
sodium	45%	75%	99%	100%

Earth's atmosphere is bombarded by cosmic dust originating from several sources: short-period comets (SPCs), particles from the asteroid belt (ASTs), Halley-type comets (HTCs), and Oort cloud comets (OCCs). Some of the dust's material vaporizes in the atmosphere in a process called ablation, and the faster the particles move, the higher the rate of ablation. Astrophysicist Juan Diego Carrillo-Sánchez led a team that calculated average ablation rates for elements in the dust (such as iron and potassium) and showed that material in slower-moving SPC or AST dust has a lower rate than the same material in faster-moving HTC or OCC dust. For example, whereas the average ablation rate for iron from AST dust is 28%, the average rate for _____

Which choice most effectively uses data from the table to complete the example?

- A. iron from SPC dust is 20%.
- B. sodium from OCC dust is 100%.
- C. iron from HTC dust is 90%.
- D. sodium from AST dust is 75%.

ID: 55df0275 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively completes the example regarding the ablation rate of iron. The table shows the ablation rates for three elements—iron, potassium, and sodium—found in cosmic dust that comes from one of four sources. The text says that the ablation rate for a given element in slower-moving SPC and AST dust was lower than the ablation rate for that same element in faster-moving HTC or OCC dust. The text then presents the first part of an example of this pattern, describing an ablation rate of 28% for iron in AST dust. The information that iron from HTC dust had an ablation rate of 90% is therefore the most effective way to complete this example—the comparison of a relatively low ablation rate for iron in slower-moving AST dust with a relatively high ablation rate for iron in faster-moving HTC dust illustrates the tendency of ablation rates for a given element to be lower in slower-moving dust than in faster-moving dust.

Choice A is incorrect because the text indicates that SPC dust, like AST dust, moves relatively slowly; a comparison of the ablation rates of iron from two slower-moving dust sources could not be an example of the difference between ablation rates in slower-moving dust and faster-moving dust, which is the pattern that the

example is supposed to illustrate. Choice B is incorrect because the example in the text is supposed to illustrate the difference in the ablation rates of the same element from slower-moving dust and faster-moving dust, and the first part of the example provides data about the ablation rate of iron, which means the second part of the example must also be about the ablation rate of iron, not the ablation rate of sodium. Choice D is incorrect because the example in the text is supposed to illustrate the difference in the ablation rates of the same element from slower-moving dust and faster-moving dust, and the first part of the example provides data about the ablation rate of iron, which means the second part of the example must also be about the ablation rate of iron, not the ablation rate of sodium. Additionally, any ablation rate from AST dust would be ineffective in this example since AST dust is referenced in the first part of the example and thus additional data focused on AST dust would not illustrate a variation across dust types.

Question Difficulty: Hard

Question ID 95dbdf51

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 95dbdf51

Laura Mulvey has theorized that in narrative film, shots issuing from a protagonist's point of view compel viewers to identify with the character. Such identification is heightened by "invisible editing," or editing so inconspicuous that it renders cuts between shots almost unnoticeable. Conversely, Mulvey proposes that conspicuous editing or an absence of point-of-view shots would induce a more critical stance toward a protagonist. Consider, for example, the attic scene in Alfred Hitchcock's *The Birds*, a conspicuously edited sequence of tens of shots, few of which correspond to the protagonist's point of view. According to Mulvey's logic, this scene should affect viewers by _____

Which choice most logically completes the text?

- A. obscuring their awareness of the high degree of artifice involved in constructing the montage.
- B. lessening their identification with the protagonist, if not alienating them from the character altogether.
- C. compelling them to identify with the film's director, whose proxy is the camera, and not with the protagonist.
- D. diverting their attention away from the film's content and toward its stylistic attributes.

ID: 95dbdf51 Answer

Correct Answer: B

Rationale

Choice B is the best answer. We're told that point-of-view shots and "invisible editing" make audiences identify with a character. We're also told that obvious editing and a lack of point-of-view shots have the opposite effect. Since the sequence in *The Birds* falls into this second category, it should have the effect of reducing the audience's connection with the protagonist.

Choice A is incorrect. The passage doesn't mention viewers' awareness of artifice (i.e., camera trickery) in films, so there's no basis for this inference. Choice C is incorrect. The passage doesn't mention the director at all, so there's no basis for this inference. Choice D is incorrect. The passage doesn't discuss whether a film's "stylistic attributes" may distract viewers from the film's story, so there's no basis for this inference.

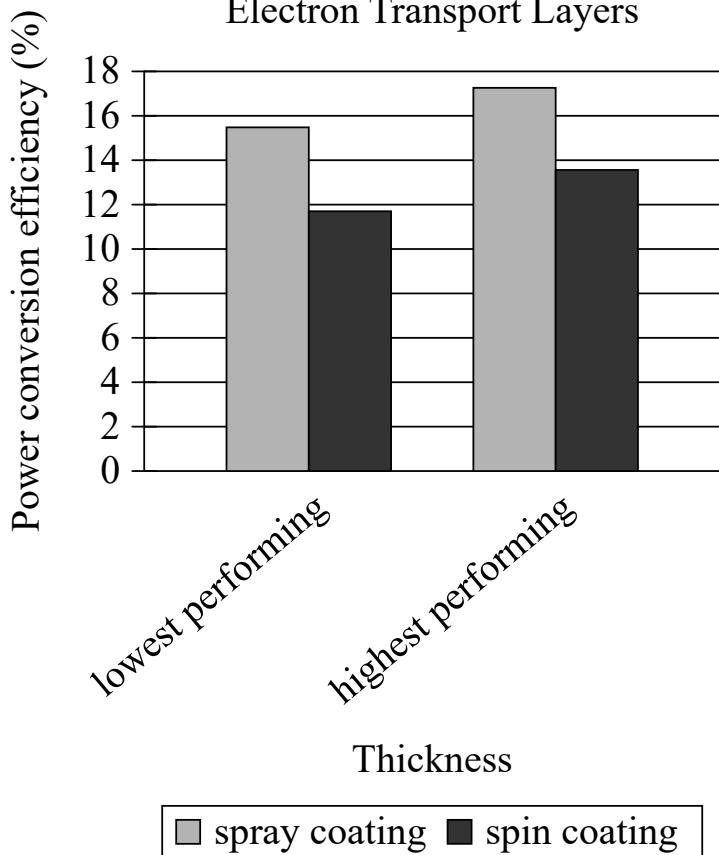
Question Difficulty: Hard

Question ID 02848335

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	3

ID: 02848335

Power Conversion Efficiency of Lowest and Highest Performing Spin-coated and Spray-coated Electron Transport Layers



Perovskite solar cells convert light into electricity more efficiently than earlier kinds of solar cells, and manufacturing advances have recently made them commercially attractive. One limitation of the cells, however, has to do with their electron transport layer (ETL), through which absorbed electrons must pass. Often the ETL is applied through a process called spin coating, but such ETLs are fairly inefficient at converting input power to output power. André Taylor and colleagues tested a novel spray coating method for applying the ETL. The team produced ETLs of various thicknesses and concluded that spray coating holds promise for improving the power conversion efficiency of ETLs in perovskite solar cells.

Which choice best describes data from the graph that support Taylor and colleagues' conclusion?

- A. Both the ETL applied through spin coating and the ETL applied through spray coating showed a power conversion efficiency greater than 10% at their lowest performing thickness.
- B. The lowest performing ETL applied through spray coating had a higher power conversion efficiency than the highest performing ETL applied through spin coating.
- C. The highest performing ETL applied through spray coating showed a power conversion efficiency of approximately 13%, while the highest performing ETL applied through spin coating showed a power conversion efficiency of approximately 11%.

D. There was a substantial difference in power conversion efficiency between the lowest and highest performing ETLs applied through spray coating.

ID: 02848335 Answer

Correct Answer: B

Rationale

Choice B is the best answer because it describes data from the graph that support Taylor and colleagues' conclusion that spray coating holds promise for improving the power conversion efficiency of ETLs in perovskite solar cells. The text explains that perovskite solar cells' efficiency at converting light into electricity is diminished by their electron transport layer (ETL), which is applied through spin coating, but that Taylor's team devised a new spray coating method for applying the ETL that improves its power conversion efficiency. The graph displays data on the power conversion efficiency of solar cells in tests conducted by Taylor's team, with bars for both the highest- and lowest-performing ETLs in two data categories: spray coating and spin coating. According to the graph, the lowest-performing ETL applied through spray coating had a power conversion efficiency of between 14% and 16%, while the highest-performing ETL applied through spin coating had a power conversion efficiency of less than 14%. These data confirm that ETLs applied through novel spray coating are more efficient than those applied through traditional spin coating. Thus, the data support Taylor and colleagues' conclusion about spray coating's potential value.

Choice A is incorrect. Although this claim correctly describes the data in the graph by stating that both the lowest-performing ETL applied through spin coating and the lowest-performing ETL applied through spray coating had a power conversion efficiency greater than 10%, this relationship in the data doesn't support or relate to Taylor and colleagues' conclusion that spray coating promises greater efficiency for solar cells than traditional spin coating does. Choice C is incorrect. This claim does address the greater power conversion efficiency of the highest-performing ETL applied through spray coating, compared with the highest-performing ETL applied through spin coating. However, it also incorrectly cites the value for the efficiency of the highest-performing ETL applied through spray coating as approximately 13%, instead of a value between 14% and 16%, and the value for the efficiency of the highest-performing ETL applied through spin coating as approximately 11%, instead of a value between 12% and 14%, as shown in the graph. Choice D is incorrect because Taylor and colleagues' conclusion is based on the difference in the power conversion efficiency of ETLs applied through spray coating and that of ETLs applied through spin coating, not on the difference between the highest- and lowest-performing ETLs applied through just spray coating.

Question Difficulty: Hard

Question ID d1b8a9ad

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: d1b8a9ad

Disco remains one of the most ridiculed popular music genres of the late twentieth century. But as scholars have argued, the genre is far less superficial than many people believe. Take the case of disco icon Donna Summer: she may have been associated with popular songs about love and heartbreak (subjects hardly unique to disco, by the way), but like many Black women singers before her, much of her music also reflects concerns about community and identity. These concerns are present in many of the genre's greatest songs, and they generally don't require much digging to reveal.

What does the text most strongly suggest about the disco genre?

- A. It has been unjustly ignored by most scholars despite the importance of the themes addressed by many of the genre's songs.
- B. It evolved over time from a superficial genre focused on romance to a genre focused on more serious concerns.
- C. It has been unfairly dismissed for the inclusion of subject matter that is also found in other musical genres.
- D. It gave rise to a Black women's musical tradition that has endured even though the genre itself faded in the late twentieth century.

ID: d1b8a9ad Answer

Correct Answer: C

Rationale

Choice C is the best answer. The text argues that disco is "far less superficial" than its popular perception might indicate, and that love and heartbreak are "subjects hardly unique to disco."

Choice A is incorrect. This choice conflicts with the text, which says that scholars argue that disco "is far less superficial than many people believe." Choice B is incorrect. This choice says the opposite of what the text suggests. The writer argues that the genre is not as superficial as commonly believed, but that it always reflected "concerns about community and identity." Choice D is incorrect. The text doesn't support this choice. There's nothing in the text about disco giving rise to an enduring Black women's musical tradition.

Question Difficulty: Hard

Question ID 4d3e3c52

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 4d3e3c52

In a paper about p-i-n planar perovskite solar cells (one of several perovskite cell architectures designed to collect and store solar power), Lyndsey McMillon-Brown et al. describe a method for fabricating the cell's electronic transport layer (ETL) using a spray coating. Conventional ETL fabrication is accomplished using a solution of nanoparticles. The process can result in a loss of up to 80% of the solution, increasing the cost of manufacturing at scale—an issue that may be obviated by spray coating fabrication, which the researchers describe as "highly reproducible, concise, and practical."

What does the text most strongly suggest about conventional ETL fabrication?

- A. It is less suitable for manufacturing large volumes of planar p-i-n perovskite solar cells than an alternative fabrication method may be.
- B. It is more expensive when manufacturing at scale than are processes for fabricating ETLs used in other perovskite solar cell architectures.
- C. It typically entails a greater loss of nanoparticle solution than do other established approaches for ETL fabrication.
- D. It is somewhat imprecise and therefore limits the potential effectiveness of p-i-n planar perovskite solar cells at capturing and storing solar power.

ID: 4d3e3c52 Answer

Correct Answer: A

Rationale

Choice A is the best answer. Conventional solar cell fabrication increases “the cost of manufacturing at scale,” but spray coating might get rid of that problem.

Choice B is incorrect. This is not completely supported by the text. While it’s true that conventional ETL fabrication is expensive at scale, there’s nothing in the text that mentions other perovskite solar cell architectures. Choice C is incorrect. This choice does not match the text. Only one conventional method of ETL fabrication is described, so we can’t compare the solution loss in this method to that of other conventional methods. Choice D is incorrect. This choice isn’t supported by the text. The text never suggests that the effectiveness of solar cells changes based on their method of fabrication.

Question Difficulty: Hard

Question ID 25290c8d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 25290c8d

"On Virtue" is a 1766 poem by Phillis Wheatley. Wheatley addresses the poem directly to the quality of virtue, imploring it to assist her in reaching a future goal: _____

Which quotation from "On Virtue" most effectively illustrates the claim?

- A. "Attend me, *Virtue*, thro' my youthful years! / O leave me not to the false joys of time! / But guide my steps to endless life and bliss."
- B. "I cease to wonder, and no more attempt / Thine height t'explore, or fathom thy profound."
- C. "O thou bright jewel in my aim I strive / To comprehend thee. Thine own words declare / Wisdom is higher than a fool can reach."
- D. "But, O my soul, sink not into despair, / *Virtue* is near thee, and with gentle hand / Would now embrace thee, hovers o'er thine head."

ID: 25290c8d Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively illustrates the claim that Wheatley addresses her poem "On Virtue" to the quality of virtue, imploring it to assist her in reaching a future goal. In the quotation, Wheatley begs virtue to accompany her, or "attend [her]," through her youth and to "guide [her] steps to" the future goal of "endless life and bliss."

Choice B is incorrect because this quotation suggests the difficulty of fully comprehending virtue. Rather than asking virtue for help, Wheatley presents it as a quality that is impossible to entirely understand because it is so grand and deep. Choice C is incorrect because this quotation describes Wheatley's effort to comprehend virtue despite virtue itself declaring that such wisdom is beyond her grasp, or "higher than a fool can reach." Choice D is incorrect because rather than asking virtue for help in this quotation, Wheatley urges herself to "sink not into despair" because virtue is always nearby.

Question Difficulty: Medium

Question ID 0240d11c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 0240d11c

In the twentieth century, ethnographers made a concerted effort to collect Mexican American folklore, but they did not always agree about that folklore's origins. Scholars such as Aurelio Espinosa claimed that Mexican American folklore derived largely from the folklore of Spain, which ruled Mexico and what is now the southwestern United States from the sixteenth to early nineteenth centuries. Scholars such as Américo Paredes, by contrast, argued that while some Spanish influence is undeniable, Mexican American folklore is mainly the product of the ongoing interactions of various cultures in Mexico and the United States.

Which finding, if true, would most directly support Paredes's argument?

- A. The folklore that the ethnographers collected included several songs written in the form of a *décima*, a type of poem originating in late sixteenth-century Spain.
- B. Much of the folklore that the ethnographers collected had similar elements from region to region.
- C. Most of the folklore that the ethnographers collected was previously unknown to scholars.
- D. Most of the folklore that the ethnographers collected consisted of *corridos*—ballads about history and social life—of a clearly recent origin.

ID: 0240d11c Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would support Paredes's argument that Mexican-American folklore is mostly the result of cultural interactions in Mexico and the United States rather than an adaptation of Spanish folklore. The text describes a disagreement among scholars about whether Mexican-American folklore mostly derived from the folklore of Spain or originated in Mexico and the United States as cultures there have interacted. The latter view is the argument that Paredes puts forward. If Mexican-American folklore collected in the twentieth century mostly consists of ballads about history and social life that originated recently, then that would support Paredes's argument, since it would suggest that the folklore mostly arose after Spanish rule ended in the early nineteenth century and that the folklore reflects cultural interactions in Mexico and the United States rather than traditions from Spain.

Choice A is incorrect because the inclusion of songs influenced by sixteenth-century Spanish poetry among Mexican-American folklore collected in the twentieth century would not support Paredes's view that the folklore was the result of cultural interactions in Mexico and the United States rather than an offshoot of Spanish folklore. If anything, the presence of such songs among the folklore collected in the twentieth century would weaken Paredes's argument, since it would reflect the influence of Spanish culture on the folklore. Choice B is incorrect because the mere presence of similarities in Mexican-American folklore across regions would not be sufficient to draw a conclusion about where the folklore originated, let alone to support Paredes's argument that the folklore reflects cultural interactions in Mexico and the United States. In fact, since Paredes argued that Mexican-American folklore is the product of various cultures interacting in Mexico and the United States, he would likely expect there to be regional variations in folklore as different cultures have interacted in different places. Choice C is incorrect because scholars' previous ignorance of the folklore would have no bearing on

Paredes's argument that Mexican-American folklore mostly reflects cultural interactions in Mexico and the United States. The folklore's origins are independent of scholars' knowledge of the folklore.

Question Difficulty: Hard

Question ID 825dc766

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 825dc766

King Lear is a circa 1606 play by William Shakespeare. In the play, the character of King Lear attempts to test his three daughters' devotion to him. He later expresses regret for his actions, as is evident when he _____

Which choice most effectively uses a quotation from *King Lear* to illustrate the claim?

- A. says of himself, "I am a man / more sinned against than sinning."
- B. says during a growing storm, "This tempest will not give me leave to ponder / On things would hurt me more."
- C. says to himself while striking his head, "Beat at this gate that let thy folly in / And thy dear judgement out!"
- D. says of himself, "I will do such things— / What they are yet, I know not; but they shall be / The terrors of the earth!"

ID: 825dc766 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most effectively uses a quotation from *King Lear* to illustrate the claim that King Lear expresses regret for his actions. In the quotation, Lear describes striking himself on the head—the same act he's engaged in as he speaks, and one that suggests he's deeply upset with himself. Referring to himself in the second person (with "thy"), the character exclaims "Beat at this gate that let thy folly in / And thy dear judgement out!" Lear refers metaphorically to his own mind as a gate that has allowed folly, or poor judgement, to enter and good judgement to escape. This suggests that Lear regrets his attempts to test his three daughters' devotion to him, regarding those attempts as examples of the folly that has entered the gate of his mind.

Choice A is incorrect because this quotation doesn't express King Lear's sense of regret over his own actions; instead, it expresses his belief that the harm that others have done to him (or the extent to which they have "sinned against" him) outweighs whatever harm he himself has caused by "sinning." Choice B is incorrect because this quotation doesn't express King Lear's sense of regret over his own actions; instead, it expresses his thoughts about an approaching storm ("this tempest"), which he believes "will not give [him] leave to ponder," or time to consider, the harm that he will continue to experience ("things" that "would hurt [him] more"). Choice D is incorrect because this quotation expresses King Lear's vow to commit terrible actions (or "things" that "shall be / The terrors of the earth") in the future, not his regret over actions that he's already taken.

Question Difficulty: Hard

Question ID 38e79659

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 38e79659

Attendance and Cost of Hosting for Past Four US World's Fairs

World's fairs held in the US	Cost (in US dollars)	Number of visitors
Century 21 Exposition (1962)	\$47 million	9.60 million
HemisFair '68	\$156 million	6.40 million
1984 World's Fair	\$350 million	7.35 million
Expo '74	\$78 million	5.60 million

Huge international exhibitions known as world's fairs have been held since 1851, but the United States hasn't hosted one since 1984. Architecture expert Mina Chow argues that this is because some people think the events are too expensive and not popular enough. For example, the 1984 World's Fair cost \$350 million and had only _____.

Which choice most effectively uses data from the table to complete the example?

- A. 7.35 million visitors.
- B. 9.60 million visitors.
- C. 6.40 million visitors.
- D. 5.60 million visitors.

ID: 38e79659 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to complete the example of the high cost and low popularity of world's fairs. The text presents Chow's argument that the United States hasn't hosted a world's fair since 1984 because people think these exhibitions are overly expensive and insufficiently popular. The text then cites the 1984 World's Fair as an example, noting that it cost \$350 million. Since the example should illustrate both high cost and insufficient popularity, the best completion of the example is the information from the table that the 1984 World's Fair had 7.35 million visitors.

Choice B is incorrect because it misrepresents data from the table. The table indicates that the 1984 World's Fair, which is the world's fair used as an example in the text, had 7.35 million, not 9.60 million, visitors. Choice C is incorrect because it misrepresents data from the table. The table indicates that the 1984 World's Fair, which is the world's fair used as an example in the text, had 7.35 million, not 6.40 million, visitors. Choice D is incorrect because it misrepresents data from the table. The table indicates that the 1984 World's Fair, which is the world's fair used as an example in the text, had 7.35 million, not 5.60 million, visitors.

Question Difficulty: Easy

Question ID c2c61e7d

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: c2c61e7d

Researchers hypothesized that a decline in the population of dusky sharks near the mid-Atlantic coast of North America led to a decline in the population of eastern oysters in the region. Dusky sharks do not typically consume eastern oysters but do consume cownose rays, which are the main predators of the oysters.

Which finding, if true, would most directly support the researchers' hypothesis?

- A. Declines in the regional abundance of dusky sharks' prey other than cownose rays are associated with regional declines in dusky shark abundance.
- B. Eastern oyster abundance tends to be greater in areas with both dusky sharks and cownose rays than in areas with only dusky sharks.
- C. Consumption of eastern oysters by cownose rays in the region substantially increased before the regional decline in dusky shark abundance began.
- D. Cownose rays have increased in regional abundance as dusky sharks have decreased in regional abundance.

ID: c2c61e7d Answer

Correct Answer: D

Rationale

Choice D is the best answer because it presents a finding that, if true, would most directly support the researchers' hypothesis about the connection between the dusky shark population decline and the eastern oyster population decline. The text indicates that although dusky sharks don't usually eat eastern oysters, they do consume cownose rays, which are the main predators of eastern oysters. An increase in the abundance of cownose rays in the region in response to a decline in the abundance of dusky sharks would directly support the researchers' hypothesis: a higher number of cownose rays would consume more eastern oysters, driving down the oyster population.

Choice A is incorrect because a finding that there's an association between a decline in the regional abundance of some of dusky sharks' prey and the regional abundance of dusky sharks wouldn't directly support the researchers' hypothesis that a decline in dusky sharks has led to a decline in eastern oysters in the region. Although such a finding might help explain why shark abundance has declined, it would reveal nothing about whether the shark decline is related to the oyster decline. Choice B is incorrect because a finding that eastern oyster abundance tends to be greater when dusky sharks and cownose rays are present than when only dusky sharks are present wouldn't support the researchers' hypothesis that a decline in dusky sharks has led to a decline in eastern oysters in the region. The text indicates that the sharks prey on the rays, which are the main predators of the oysters; if oyster abundance is found to be greater when rays are present than when rays are absent, that would suggest that rays aren't keeping oyster abundance down, and thus that a decline in rays' predators, which would be expected to lead to an increase in the abundance of rays, wouldn't bring about a decline in oyster abundance as the researchers hypothesize. Choice C is incorrect because a finding that consumption of eastern oysters by cownose rays increased substantially before dusky sharks declined in regional abundance wouldn't support the researchers' hypothesis that the decline in dusky sharks has led to a decline in eastern oysters in the region. Such a finding would suggest that some factor other than shark

abundance led to an increase in rays' consumption of oysters and thus to a decrease in oyster abundance, thereby weakening the researchers' hypothesis.

Question Difficulty: Hard

Question ID 5b74feb9

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 5b74feb9

Political scientists who favor the traditional view of voter behavior claim that voting in an election does not change a voter's attitude toward the candidates in that election. Focusing on each US presidential election from 1976 to 1996, Ebonya Washington and Sendhil Mullainathan tested this claim by distinguishing between subjects who had just become old enough to vote (around half of whom actually voted) and otherwise similar subjects who were slightly too young to vote (and thus none of whom voted). Washington and Mullainathan compared the attitudes of the groups of subjects toward the winning candidate two years after each election.

Which finding from Washington and Mullainathan's study, if true, would most directly weaken the claim made by people who favor the traditional view of voter behavior?

- A. Subjects' attitudes toward the winning candidate two years after a given election were strongly predicted by subjects' general political orientation, regardless of whether subjects were old enough to vote at the time of the election.
- B. Subjects who were not old enough to vote in a given election held significantly more positive attitudes towards the winning candidate two years later than they held at the time of the election.
- C. Subjects who voted in a given election held significantly more polarized attitudes toward the winning candidate two years later than did subjects who were not old enough to vote in that election.
- D. Two years after a given election, subjects who voted and subjects who were not old enough to vote were significantly more likely to express negative attitudes than positive attitudes toward the winning candidate in that election.

ID: 5b74feb9 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it presents a finding that, if true, would weaken the claim made by people who favor the traditional view of voter behavior. According to the text, people who favor that view believe that voting in an election doesn't change a voter's attitude toward the candidates in that election. If Washington and Mullainathan found that two years after an election, attitudes toward the winning candidate were significantly more polarized among subjects who had voted than among subjects who had been too young to vote, that would suggest that the act of voting did have an effect on the voters' attitudes toward the candidates, which would undermine the claim that voting doesn't change voters' attitudes.

Choice A is incorrect because a finding about links between subjects' attitudes and general political orientation, regardless of age and ability to vote, wouldn't address the presence or absence of changes in attitudes among those subjects who did actually vote. Therefore, the finding wouldn't have any bearing on the claim that voting in an election doesn't change a voter's attitude toward the candidates in that election. Choice B is incorrect because a finding that positive attitudes toward a winning candidate significantly increased in the two years after the election among subjects who had been too young to vote would involve only people who didn't vote; therefore, the finding wouldn't have any bearing on the claim that when people do vote, the act of voting doesn't change their attitudes toward the candidates. Choice D is incorrect because the finding that subjects in both groups were more likely to have negative attitudes than positive attitudes toward the winning candidate two years after an election would reflect all subjects' attitudes at one particular time whether they voted or not, rather than the

presence or absence of a change in voters' attitudes after voting. Therefore, the finding would neither weaken nor strengthen the claim that voting in an election doesn't change a voter's attitude toward the candidates.

Question Difficulty: Hard

Question ID 3f236877

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 3f236877

Ratified by more than 90 countries, the Nagoya Protocol is an international agreement ensuring that Indigenous communities are compensated when their agricultural resources and knowledge of wild plants and animals are utilized by agricultural corporations. However, the protocol has shortcomings. For example, it allows corporations to insist that their agreements with communities to conduct research on the commercial uses of the communities' resources and knowledge remain confidential. Therefore, some Indigenous advocates express concern that the protocol may have the unintended effect of _____.

Which choice most logically completes the text?

- A. diminishing the monetary reward that corporations might derive from their agreements with Indigenous communities.
- B. limiting the research that corporations conduct on the resources of the Indigenous communities with which they have signed agreements.
- C. preventing independent observers from determining whether the agreements guarantee equitable compensation for Indigenous communities.
- D. discouraging Indigenous communities from learning new methods for harvesting plants and animals from their corporate partners.

ID: 3f236877 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the argument about an unintended effect of the Nagoya Protocol. The text explains that the Nagoya Protocol is an agreement ensuring that Indigenous communities are compensated when their agricultural resources and knowledge are used by corporations. The text then states that the protocol allows corporations to keep their agreements with Indigenous communities confidential, about which some Indigenous advocates express concern. Choice C, when inserted into the blank, gives a good justification for the advocates' concern: such secrecy could mean that the public is unable to determine whether participating Indigenous communities were properly compensated under these agreements.

Choice A is incorrect. The text suggests that because corporations can keep their agreements with Indigenous communities confidential, Indigenous communities, not corporations, might not be compensated fairly. Choice B is incorrect because the text doesn't suggest that the ability of corporations to keep their agreements with Indigenous communities confidential would place limits on how much research corporations can undertake. Choice D is incorrect because the text doesn't indicate that Indigenous communities aim to learn new harvesting methods from their corporate partners. Rather, the text suggests that corporations use the knowledge of Indigenous communities for their research.

Question Difficulty: Hard

Question ID 628e1305

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 628e1305

"Valia" is a 1907 short story by Leonid Andreyev. In the story, the author emphasizes that the setting where the character Valia is reading is nearly silent: _____

Which quotation from "Valia" most effectively illustrates the claim?

- A. "The hand in which he carried his book was getting stiff with cold, but he would not ask his mother to take the book from him."
- B. "Valia was reading a huge, very huge book, almost half as large as himself."
- C. "Valia approached the window and examined the toys."
- D. "Everything in the room was quiet, so quiet that the only thing to be heard was the rustling of the pages he turned."

ID: 628e1305 Answer

Correct Answer: D

Rationale

Choice D is the best answer because this quotation most effectively illustrates the claim that the author emphasizes the near silence of the setting where the character Valia is reading. In the quotation, the author highlights the near silence of the setting by twice using the word "quiet" to describe the room. The author also calls attention to the fact that Valia is reading in a nearly silent setting by noting that the only sound to be heard is that of the pages being turned.

Choice A is incorrect because this quotation suggests that Valia is in a chilly setting that causes his hand to become cold, not that he's in a nearly silent setting. Choice B is incorrect because this quotation emphasizes the size of the book Valia is reading, not a quality of the setting where he's reading it. Choice C is incorrect because this quotation describes Valia approaching a window and looking at toys, not reading in a quiet setting.

Question Difficulty: Easy

Question ID a59245a1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: a59245a1

The painter María Izquierdo played an important role in the development of twentieth-century Mexican art, but her work has never been well-known in the United States except among art historians. One reason for Izquierdo's relative obscurity is the enormous popularity of some of her peers. In particular, the painters Frida Kahlo and Diego Rivera have so captivated the interest of US audiences that Izquierdo and other Mexican artists from the period often get overlooked, despite the high quality of their work.

Which choice best states the main idea of the text?

- A. Izquierdo's work is not as well-known in the United States as it should be because Kahlo and Rivera draw so much of the public's attention.
- B. During Izquierdo's lifetime, her paintings were displayed in galleries in the United States much more frequently than paintings by Kahlo and Rivera were.
- C. Izquierdo painted some of the same subjects that Kahlo and Rivera painted but used different techniques than they used.
- D. Few of Izquierdo's works are in galleries today because she produced only a small number of paintings.

ID: a59245a1 Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most accurately states the main idea of the text. The text begins by stating that María Izquierdo was an important figure in the history of twentieth-century Mexican art, but despite her importance, her work hasn't received widespread recognition in the United States. According to the text, one reason for this is that Frida Kahlo and Diego Rivera are so famous in the US that they overshadow other important Mexican artists, including Izquierdo. Thus, the main idea of the text is that Izquierdo's work is less well known in the US than it should be because Kahlo and Rivera draw most of the public's attention.

Choice B is incorrect because the text doesn't discuss the appearance of Izquierdo's paintings in galleries in the US during her lifetime, nor does it suggest that her paintings were displayed more frequently than paintings by Kahlo or Rivera were. Instead, the text focuses on the fact that Izquierdo has been overlooked in the US because of Kahlo's and Rivera's greater popularity. Choice C is incorrect because the text doesn't discuss either the subject matter of Izquierdo's paintings or the techniques she used, nor does it compare these aspects of her paintings with those of Kahlo's and Rivera's paintings. Choice D is incorrect because the text doesn't mention how many of Izquierdo's paintings appear in galleries today, nor does it state that she produced only a small number of paintings.

Question Difficulty: Medium

Question ID 2584bcfb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: 2584bcfb

Matthew D. Rocklage and team examined whether consumer ratings of movies can predict box office success. The team considered both numeric star ratings and written reviews in their research. To analyze the written reviews, the team measured the emotionality—the degree to which a written review expresses an emotional reaction—of user reviews on a movie rating website, assigning each review an emotionality score. After reviewing this research, a student argues that the emotionality of movie reviews is unrelated to a movie's success at the box office.

Which finding, if true, would most directly weaken the student's conclusion?

- A. Movies that had the highest average emotionality scores received the lowest average star ratings on the movie rating website.
- B. The average emotionality score of a movie's reviews was a positive predictor of that movie's box office earnings.
- C. More than half of the movies that the team examined received an average star rating of 3 out of 5 stars.
- D. The movies that were most successful at the box office tended to have high average star ratings.

ID: 2584bcfb Answer

Correct Answer: B

Rationale

Choice B is the best answer. This choice weakens the student's conclusion by suggesting that the emotionality of movie reviews is related to box office success: the higher the emotionality score, the better the movie performs at the box office.

Choice A is incorrect. While this choice does mention emotionality scores, it only connects them to star ratings, not to box office success. Choice C is incorrect. The fact that many movies received an average star rating doesn't tell us anything about the relationship between emotionality and box office success. Choice D is incorrect. While this choice suggests that star ratings can predict box office success, it doesn't address the issue of emotionality in written reviews, which is the focus of the student's conclusion.

Question Difficulty: Medium

Question ID 89961e26

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 89961e26

Artist Justin Favela explained that he wanted to reclaim the importance of the piñata as a symbol in Latinx culture. To do so, he created numerous sculptures from strips of tissue paper, which is similar to the material used to create piñatas. In 2017, Favela created an impressive life-size piñata-like sculpture of the Gypsy Rose lowrider car, which was displayed at the Petersen Automotive Museum in Los Angeles, California. The Gypsy Rose lowrider was famously driven by Jesse Valadez, an early president of the Los Angeles Imperials Car Club.

According to the text, which piece of Favela's art was on display in the Petersen Automotive Museum in 2017?

- A. A painting of Los Angeles
- B. A sculpture of a lowrider car
- C. A painting of a piñata
- D. A sculpture of Jesse Valadez

ID: 89961e26 Answer

Correct Answer: B

Rationale

Choice B is the best answer. The text describes Favela's approach to sculpture, and then describes the lowrider car that he depicted in 2017.

Choice A is incorrect. This isn't what the text says. The Petersen Automotive Museum is located in Los Angeles, but Favela's artwork isn't a painting, and it doesn't depict L.A. Choice C is incorrect. This isn't what the text says. Favela makes sculptures similar to piñatas, not paintings of them. Choice D is incorrect. This isn't what the text says. Jesse Valadez owned the lowrider car that Favela depicted in sculpture.

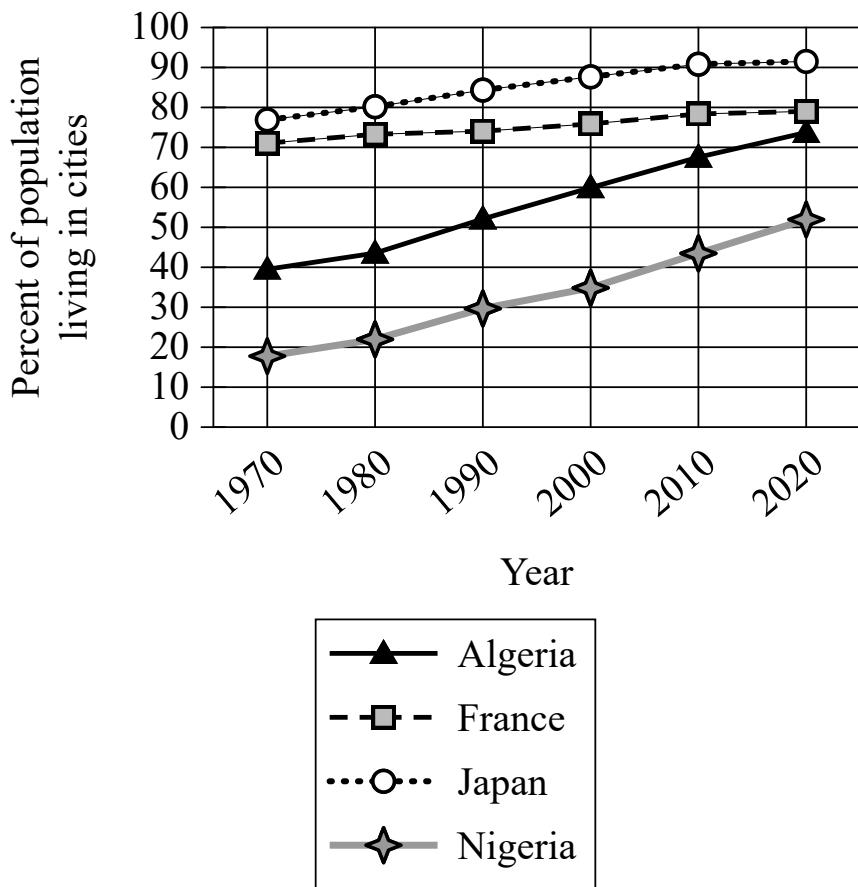
Question Difficulty: Easy

Question ID a2b0fc3b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ □

ID: a2b0fc3b

Urban Population of
Algeria, France, Japan, and Nigeria



The share of the world's population living in cities has increased dramatically since 1970, but this change has not been uniform. France and Japan, for example, were already heavily urbanized in 1970, with 70% or more of the population living in cities. The main contributors to the world's urbanization since 1970 have been countries like Algeria, whose population went from _____

Which choice most effectively uses data from the graph to complete the assertion?

- A. around 50% urban in 1970 to around 90% urban in 2020.
- B. less than 40% urban in 1970 to around 90% urban in 2020.
- C. less than 20% urban in 1970 to more than 50% urban in 2020.
- D. around 40% urban in 1970 to more than 70% urban in 2020.

ID: a2b0fc3b Answer

Correct Answer: D

Rationale

Choice D is the best answer. This choice effectively uses data from the graph to complete the example. The line representing the percent of Algeria's population living in cities is the black triangle line. According to the graph, it started at 40% in 1970 and reached 70% in 2020.

Choice A is incorrect. This choice misreads the graph. The line representing the percent of Algeria's population living in cities is the black triangle line. According to the graph, it started at 40% in 1970 and reached 70% in 2020. Choice B is incorrect. This choice misreads the graph. The line representing the percent of Algeria's population living in cities is the black triangle line. According to the graph, it started at 40% in 1970 and reached 70% in 2020. Choice C is incorrect. This choice misreads the graph. The line representing the percent of Algeria's population living in cities is the black triangle line. According to the graph, it started at 40% in 1970 and reached 70% in 2020.

Question Difficulty: Medium

Question ID a44bbd6b

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	

ID: a44bbd6b

Several studies of sediment (e.g., dirt, pieces of rock, etc.) in streams have shown an inverse correlation between sediment grain size and downstream distance from the primary sediment source, suggesting that stream length has a sorting effect on sediment. In a study of sediment sampled at more than a dozen sites in Alpine streams, however, geologists Camille Litty and Fritz Schlunegger found that cross-site variations in grain size were not associated with differences in downstream distance, though they did not conclude that downstream distance is irrelevant to grain size. Rather, they concluded that sediment influx in these streams may have been sufficiently spatially diffuse to prevent the typical sorting effect from being observed.

Which finding about the streams in the study, if true, would most directly support Litty and Schlunegger's conclusion?

- A. The streams regularly experience portions of their banks collapsing into the water at multiple points upstream of the sampling sites.
- B. The streams contain several types of sediment that are not typically found in streams where the sorting effect has been demonstrated.
- C. The streams mostly originate from the same source, but their lengths vary considerably due to the different courses they take.
- D. The streams are fed by multiple tributaries that carry significant volumes of sediment and that enter the streams downstream of the sampling sites.

ID: a44bbd6b Answer

Correct Answer: A

Rationale

Choice A is the best answer. This finding would support the conclusion. If stream banks are collapsing into the water at multiple points, then sediment is getting into the water at those various points. This supports the conclusion that the inflow of sediment is very spread out.

Choice B is incorrect. This finding wouldn't support the conclusion. The conclusion is about the influx of sediment being "spatially diffuse," meaning spread out over a large area. The type of sediment wouldn't have an impact on the conclusions. Choice C is incorrect. This finding wouldn't support the conclusion. It doesn't say anything about the influx of sediment being "spatially diffuse" (spread out). Choice D is incorrect. This finding wouldn't support the conclusion. Any sediment that enters downstream of the sampling sites wouldn't end up in the samples, so it wouldn't affect the findings or the conclusion.

Question Difficulty: Hard

Question ID 3882ddf6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 3882ddf6

To investigate the history of plate subduction—when one of Earth’s tectonic plates slides beneath another—Sarah M. Aarons and colleagues compared ancient rocks from the Acasta Gneiss Complex in Canada to modern rocks. Using isotope analysis, the researchers found that Acasta rocks dating to about 4.02 billion years ago (bya) most strongly resemble modern rocks formed in a plume setting (an area in which hot rocks from Earth’s mantle flow upward into the crust). By contrast, they found that Acasta rocks dating to about 3.75 bya and 3.6 bya have an isotope composition that is similar to that of modern rocks formed in a subduction setting. Aarons’s team therefore concluded that _____

Which choice most logically completes the text?

- A. subduction-like processes began occurring in some locations no later than 3.75 bya.
- B. subduction replaced mantle plume formation as the most common geological process by about 4.02 bya.
- C. the majority of the rocks in the Acasta Gneiss Complex formed through subduction.
- D. the rocks in the Acasta Gneiss Complex are of a more recent origin than scientists previously thought.

ID: 3882ddf6 Answer

Correct Answer: A

Rationale

Choice A is the best answer. Because researchers found “Acasta rocks dating to about 3.75 bya” were similar to “modern rocks formed in a subduction setting,” we can infer that subduction-like processes must have begun occurring in the Acasta Gneiss Complex by this time.

Choice B is incorrect. We only know about geological processes at the Acasta Gneiss Complex, so we do not have information to make inferences about geological processes in general. Also, notice that the rocks dated to 4.02 bya were found to still be formed in a plume setting, so the transition must have happened after this time. Choice C is incorrect. There’s no mention in the passage of what proportion of the rocks within Acasta Gneiss Complex were formed through subduction, so there’s no basis for this inference. Choice D is incorrect. The passage discusses various rocks in the Acasta Gneiss Complex that are dated to different periods of time, but nothing in the passage suggests that these dates are or were wrong.

Question Difficulty: Medium

Question ID 5432d1de

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 5432d1de

It's common for jazz musicians and fans to refer to certain songs as having "swing," indicating that the songs provoke a strong feeling, like the impulse to tap one's foot or dance. The exact acoustic properties that give a song swing, however, have long been thought to be undefinable. To investigate swing, a team led by physicist Corentin Nelias delayed the downbeats and synchronized the offbeats in jazz piano solos and asked jazz musicians to compare the intensity of swing in each modified piece with the intensity of swing in the original piece. They found that participants were more than seven times likelier to characterize the modified songs as having swing than to characterize the original versions as having swing, suggesting that _____.

Which choice most logically completes the text?

- A. synchronized offbeats tend to give a song swing regardless of whether downbeats are delayed.
- B. the acoustic properties that give a song swing are not easy for jazz musicians to manipulate.
- C. jazz songs that feature the piano are more likely to have swing than are jazz songs that do not feature the piano.
- D. the timing of downbeats and offbeats may play a crucial role in giving a song swing.

ID: 5432d1de Answer

Correct Answer: D

Rationale

Choice D is the best answer. The passage tells us that participants were "more than seven times likelier to characterize the modified songs as having swing than to characterize the original versions as having swing." Because the modified songs had been changed by altering the timing of the downbeats and offbeats, this suggests that the timing of downbeats and offbeats may play a crucial role in giving a song swing.

Choice A is incorrect. Although the passage mentions that the researchers "synchronized the offbeats" in the modified songs, they also "delayed the downbeats" in those songs. Because we can't disentangle whether it was the synchronized offbeats, the delayed downbeats, or the combination of both that increased the song's swing, we don't have enough information to make this inference. Choice B is incorrect. The passage doesn't mention whether or not it's difficult for a jazz musician to give a song swing, so there's no basis for this inference. Choice C is incorrect. The passage doesn't compare jazz songs that feature piano to those that don't, so there's no basis for this inference.

Question Difficulty: Medium

Question ID 2592e0de

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Central Ideas and Details	

ID: 2592e0de

Bicycles were first mass-produced in the late nineteenth century throughout Europe and North America, allowing individuals remarkable freedom to travel longer distances quickly and comfortably. This freedom, coupled with the affordability of the vehicle, made the bicycle immensely popular. Individuals were able to live farther from their workplaces, easily visit neighboring towns, and participate in new leisure and sport activities. Bicycling quickly became a popular social endeavor, with enthusiasts forming local cycling clubs to enjoy these newfound activities with others.

Which choice best states the main idea of the text?

- A. The widespread adoption of the bicycle in the late nineteenth century provided new opportunities for people.
- B. The affordability of the bicycle in the late nineteenth century made it the preferred way to travel.
- C. The popularity of the bicycle in the late nineteenth century gave rise to the first cycling clubs.
- D. The mass production of the bicycle in the late nineteenth century made it safer for people to use.

ID: 2592e0de Answer

Correct Answer: A

Rationale

Choice A is the best answer. The text discusses how the mass production of bicycles in the late nineteenth century allowed people to travel longer distances, live farther from their workplaces, visit neighboring towns, and participate in new activities and social clubs. All of these are new opportunities that were provided by the widespread adoption of the bicycle.

Choice B is incorrect. The text never says this. It does say that the bicycle was “affordable,” and that the “freedom to travel longer distances quickly and comfortably” made the bicycle “popular,” but it never says that the bicycle was more popular than any other way of traveling (like cars or trains or horses). Choice C is incorrect. This is a detail mentioned in the text, but not the main idea. Cycling clubs are only one of the new opportunities that arose from the popularity of the mass-produced bicycle. A “main idea” should capture more of the information in the text. Choice D is incorrect. The text never says this. It doesn’t mention the safety of the mass-produced bicycle at all.

Question Difficulty: Easy

Question ID 4e9af7a

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 4e9af7a

The Indus River valley civilization flourished in South Asia from 3300 BCE to 1300 BCE. Many examples of the civilization's writing system exist, but researchers haven't yet deciphered it or identified which ancient language it represents. Nevertheless, archaeologists have found historical artifacts, such as clay figures and jewelry, that provide information about the civilization's customs and how its communities were organized. The archaeologists' findings therefore suggest that _____.

Which choice most logically completes the text?

- A. investigating an ancient civilization is easier without knowledge of the civilization's language.
- B. knowing an ancient civilization's language isn't necessary in order to learn details about the civilization.
- C. archaeological research should focus on finding additional artifacts rather than deciphering ancient languages.
- D. examining the civilization's historical artifacts has resolved the debate about this civilization's language.

ID: 4e9af7a Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of the Indus River valley civilization. The text establishes that archaeologists haven't been able to interpret the Indus River valley civilization's writing system but have nevertheless acquired information about the civilization through historical artifacts. The fact that archaeologists have been able to learn about the Indus River valley civilization's customs and community organization from historical artifacts suggests that it isn't necessary to understand an ancient civilization's language to learn about the civilization.

Choice A is incorrect because the text doesn't discuss how easy it is to investigate ancient civilizations with or without knowledge of the civilization's language; rather, it states that even though researchers have not yet deciphered the language of the Indus River valley civilization, they are still able to learn about it through historical artifacts. Choice C is incorrect because the text doesn't make any claims as to what the focus of archaeological research should be. Rather, the text discusses how archaeologists have been able to learn about an ancient civilization through historical artifacts despite not understanding the civilization's language. Choice D is incorrect because the text states that the civilization's language has not yet been interpreted; it makes no mention of a debate about the language. Instead, the text suggests that examination of the historical artifacts has allowed archaeologists to learn about the civilization but has not aided thus far in deciphering its language.

Question Difficulty: Medium

Question ID 8fbed1cb

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 8fbed1cb

When the Vinland Map, a map of the world purported to date to the mid-1400s, surfaced in 1957, some scholars believed it demonstrated that European knowledge of the eastern coast of present-day North America predated Christopher Columbus's 1492 arrival. In 2021, a team including conservators Marie-France Lemay and Paula Zyats and materials scientist Anikó Bezur performed an extensive analysis of the map and the ink used. They found that the ink contains titanium dioxide, a compound that was first introduced in ink manufacturing in the early 1900s. Therefore, the team concluded that _____.

Which choice most logically completes the text?

- A. mid-1400s Europeans could not have known about the eastern coast of present-day North America.
- B. the Vinland Map could not have been drawn by mid-1400s mapmakers.
- C. mapmakers must have used titanium compounds in their ink in the 1400s.
- D. there isn't enough information to determine when the ink was created.

ID: 8fbed1cb Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of Lemay, Zyats, and Bezur's 2021 analysis of the Vinland Map. The text indicates that while some scholars have believed that the map was drawn in the mid-1400s, the 2021 analysis showed the presence of the compound titanium dioxide in the ink used to draw the map. The text goes on to say that titanium dioxide wasn't used to manufacture ink until the early 1900s, which means that ink containing this compound couldn't have been available to mapmakers in the 1400s. Since mapmakers in the mid-1400s couldn't have used ink with titanium dioxide, it follows that the Vinland Map couldn't have been drawn by mid-1400s mapmakers.

Choice A is incorrect because the 2021 finding that the ink used to draw the Vinland Map wasn't available until the early 1900s doesn't imply that Europeans in the mid-1400s couldn't have known about the eastern coast of North America. While this finding suggests that the map couldn't have been created in the mid-1400s, it doesn't preclude the possibility that Europeans nevertheless had knowledge—and perhaps even drew other maps that are no longer in existence or are yet to be discovered by researchers—of the eastern coast of present-day North America as early as the mid-1400s. Choice C is incorrect because there's nothing in the text that suggests that the 2021 discovery of the presence of titanium dioxide in the ink used to draw the Vinland Map caused Lemay, Zyats, and Bezur to question or reach a new conclusion about when mapmakers began using ink containing titanium compounds. Instead, the text indicates that titanium dioxide wasn't used in ink before the early 1900s. This knowledge led the team to conclude that the map, which was drawn with ink containing titanium dioxide, couldn't have been created in the mid-1400s. Choice D is incorrect because although the text doesn't indicate that Lemay, Zyats, and Bezur established an exact date for the creation of the ink that was used to draw the Vinland Map, the text does say that titanium dioxide was introduced in ink manufacturing in the early 1900s. This fact provides enough information to determine that the ink that was used to draw the map was created no

earlier than the early 1900s. This finding, in turn, led the team to conclude that the Vinland Map couldn't have been drawn in the mid-1400s.

Question Difficulty: Medium

Question ID 2a075bd1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 2a075bd1

Indigenous cultures possess unique knowledge of the medicinal uses of plants. According to a 2021 study, 73 percent of the medicinal uses of plants native to North America are reflected in the vocabulary of a single Indigenous language. However, as more and more Indigenous people exclusively speak a globally dominant language, such as English, their ancestral languages fade from daily use. These facts lend added importance to tribal nations' efforts to preserve their languages. By ensuring the continued use of Cherokee, Ojibwe, and the hundreds of other Indigenous languages in what is now the United States, tribal nations are also _____

Which choice most logically completes the text?

- A. increasing the number of medicinal plants represented in the vocabularies of Indigenous languages.
- B. transmitting terms for medicinal plants from Indigenous languages to globally dominant languages.
- C. preserving knowledge about the medicinal value of plants native to the tribal nations' lands.
- D. ensuring that citizens of tribal nations have physical access to medicinal plants.

ID: 2a075bd1 Answer

Correct Answer: C

Rationale

Choice C is the best answer because it most logically completes the text's discussion of the relationship between Indigenous languages and knowledge of the medicinal uses of plants. The text states that Indigenous cultures possess special knowledge of the medicinal uses of plants, which is reflected in their vocabulary. The text then discusses how tribal nations are working to preserve their languages, whose daily use is declining as globally dominant languages become increasingly dominant in Indigenous communities. Given that the languages of tribal nations in what is now the United States function as repositories of knowledge about plants' medicinal uses, it logically follows that continued use of those languages will assist with passing on knowledge about the medicinal value of plants native to the tribal nations' lands.

Choice A is incorrect because the text states that preserving Indigenous languages will increase the knowledge, not the number, of medicinal plants. Choice B is incorrect because the text is concerned with how vocabulary about the medicinal value of plants can be preserved through the continued daily use of Indigenous languages, not with how such vocabulary can be incorporated into globally dominant, non-Indigenous languages. Moreover, the text explains that the exclusive use of globally dominant languages in Indigenous communities comes at an expense to the continued daily use of those communities' languages. Given this relationship, it is unlikely globally dominant languages would borrow Indigenous vocabulary pertaining to plants' medicinal uses. Choice D is incorrect because the text doesn't discuss physical access to medicinal plants, instead focusing on Indigenous knowledge and language surrounding the medicinal uses of plants.

Question Difficulty: Hard

Question ID 9391b7cc

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Inferences	

ID: 9391b7cc

If some artifacts recovered from excavations of the settlement of Kuulo Kataa, in modern Ghana, date from the thirteenth century CE, that may lend credence to claims that the settlement was founded before or around that time. There is other evidence, however, strongly supporting a fourteenth century CE founding date for Kuulo Kataa. If both the artifact dates and the fourteenth century CE founding date are correct, that would imply that _____.

Which choice most logically completes the text?

- A. artifacts from the fourteenth century CE are more commonly recovered than are artifacts from the thirteenth century CE.
- B. the artifacts originated elsewhere and eventually reached Kuulo Kataa through trade or migration.
- C. Kuulo Kataa was founded by people from a different region than had previously been assumed.
- D. excavations at Kuulo Kataa may have inadvertently damaged some artifacts dating to the fourteenth century CE.

ID: 9391b7cc Answer

Correct Answer: B

Rationale

Choice B is the best answer because it most logically completes the text's discussion of artifacts and Kuulo Kataa's founding date. If it were true both that Kuulo Kataa was founded in the fourteenth century CE and that artifacts found in excavations of the settlement are from the thirteenth century CE, it would be reasonable to conclude that the artifacts weren't created in the Kuulo Kataa settlement. That would suggest, then, that the artifacts originated somewhere else and eventually reached the settlement through trading or as people migrated.

Choice A is incorrect because the existence of thirteenth-century CE artifacts recovered during excavations of a settlement founded in the fourteenth century CE isn't logically connected to artifacts from one century being more commonly recovered than artifacts from another century. Rather than suggesting anything about how frequently artifacts from different times are found, the existence of artifacts confirmed as predating the settlement's founding suggests that those items arrived in Kuulo Kataa during or after its establishment. Choice C is incorrect because the text focuses on time periods and says nothing about which region the founders of Kuulo Kataa have been thought to come from; similarly, the text doesn't suggest anything about where the thirteenth-century CE artifacts originated other than not from Kuulo Kataa. Therefore, it isn't logical to conclude that the mere existence of artifacts confirmed as predating the Kuulo Kataa settlement suggests that the founders of the settlement came from a particular region other than one previously assumed. Choice D is incorrect because the existence of artifacts from the thirteenth century CE at a site dated to the fourteenth century CE doesn't imply that fourteenth-century objects were damaged during excavations. There's nothing in the text to suggest that any objects were damaged; rather, the existence of artifacts confirmed as predating the settlement's founding suggests that those items were brought to Kuulo Kataa during or after its establishment.

Question Difficulty: Hard

Question ID 9452092c

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Information and Ideas	Command of Evidence	■ ■ ■

ID: 9452092c

Effects of Mycorrhizal Fungi on 3 Plant Species

Plant species	Mycorrhizal host	Average mass of plants grown in soil containing mycorrhizal fungi (in grams)	Average mass of plants grown in soil treated to kill fungi (in grams)
Corn	yes	15.1	3.8
Marigold	yes	10.2	2.4
Broccoli	no	7.5	7

Mycorrhizal fungi in soil benefits many plants, substantially increasing the mass of some. A student conducted an experiment to illustrate this effect. The student chose three plant species for the experiment, including two that are mycorrhizal hosts (species known to benefit from mycorrhizal fungi) and one nonmycorrhizal species (a species that doesn't benefit from and may even be harmed by mycorrhizal fungi). The student then grew several plants from each species both in soil containing mycorrhizal fungi and in soil that had been treated to kill mycorrhizal and other fungi. After several weeks, the student measured the plants' average mass and was surprised to discover that _____.

Which choice most effectively uses data from the table to complete the statement?

- A. broccoli grown in soil containing mycorrhizal fungi had a slightly higher average mass than broccoli grown in soil that had been treated to kill fungi.
- B. corn grown in soil containing mycorrhizal fungi had a higher average mass than broccoli grown in soil containing mycorrhizal fungi.
- C. marigolds grown in soil containing mycorrhizal fungi had a much higher average mass than marigolds grown in soil that had been treated to kill fungi.
- D. corn had the highest average mass of all three species grown in soil that had been treated to kill fungi, while marigolds had the lowest.

ID: 9452092c Answer

Correct Answer: A

Rationale

Choice A is the best answer because it most effectively uses data from the table to complete the statement. The text explains that mycorrhizal hosts are plants that benefit from the presence of mycorrhizal fungi in the soil and that some such plants produce more mass when grown in the presence of these fungi, while for nonmycorrhizal species the fungi either have no effect or may be harmful. The experiment included two mycorrhizal hosts (corn and marigold) and one nonmycorrhizal species (broccoli). Given the claim in the text that nonmycorrhizal species will see either no difference or a decrease in mass when exposed to mycorrhizal fungi, the student would likely have been surprised by the higher average mass for broccoli grown in the presence of the fungi than the broccoli grown in the soil treated to kill fungi.

Choice B is incorrect. Although this choice accurately describes the corn data from the table, the fact that the mycorrhizal host corn is more massive in the presence of the fungi likely fits with what the student expected and would therefore not be surprising. Choice C is incorrect. Although this choice accurately describes the marigold data from the table, the fact that the mycorrhizal host marigold is more massive in the presence of the fungi is likely what the student expected and thus would not be surprising. Choice D is incorrect because it does not accurately represent the data in the table—when grown in soil treated to kill fungi, corn had an average mass of 3.8 g while broccoli had an average mass of 7g—and because making comparisons among the plants in the no-fungi condition, by itself, does not provide a basis to compare the average mass of mycorrhizal hosts and nonmycorrhizal species grown in the presence of the fungi with those grown in the soil treated to kill fungi.

Question Difficulty: Hard