

Question ID afec1a70

3.1

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: afec1a70

While researching a topic, a student has taken the following notes:

- As engineered structures, many bird nests are uniquely flexible yet cohesive.
- A research team led by Yashraj Bhosale wanted to better understand the mechanics behind these structural properties.
- Bhosale’s team used laboratory models that simulated the arrangement of flexible sticks into nest-like structures.
- The researchers analyzed the points where sticks touched one another.
- When pressure was applied to the model nests, the number of contact points between the sticks increased, making the structures stiffer.

The student wants to present the primary aim of the research study. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Bhosale’s team wanted to better understand the mechanics behind bird nests’ uniquely flexible yet cohesive structural properties.
- B. The researchers used laboratory models that simulated the arrangement of flexible sticks and analyzed the points where sticks touched one another.
- C. After analyzing the points where sticks touched, the researchers found that the structures became stiffer when pressure was applied.
- D. As analyzed by Bhosale’s team, bird nests are uniquely flexible yet cohesive engineered structures.

ID: afec1a70 Answer

Correct Answer: A

Rationale

Choice A is the best answer. It describes the reason Bhosale’s team wanted to study the structures of bird nests—that is to say, the study’s primary aim.

Choice B is incorrect. This choice doesn’t present the primary aim of the research study. It describes how the study worked, but not why it was done. Choice C is incorrect. This choice doesn’t present the primary aim of the research study. It describes a result of the experiment, but not why it was carried out. Choice D is incorrect. This choice doesn’t present the primary aim of the research study.

Question Difficulty: Hard

Question ID 16631d34

3.2

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 16631d34

While researching a topic, a student has taken the following notes:

- The Million Song Dataset (MSD) includes main audio features and descriptive tags for popular songs.
- Audio features include acoustic traits such as loudness and pitch intervals.
- Many algorithms use these audio features to predict a new song’s popularity.
- These algorithms may fail to accurately identify main audio features of a song with varying acoustic traits.
- Algorithms based on descriptive tags that describe fixed traits such as genre are more reliable predictors of song popularity.

The student wants to explain a disadvantage of relying on audio features to predict a song’s popularity. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Many popularity-predicting algorithms are based on a song’s audio features, such as loudness and pitch intervals.
- B. Algorithms based on audio features may misidentify the main features of a song with varying acoustic traits, making such algorithms less reliable predictors of popularity than those based on fixed traits.
- C. Audio features describe acoustic traits such as pitch intervals, which may vary within a song, whereas descriptive tags describe fixed traits such as genre, which are reliable predictors of popularity.
- D. The MSD’s descriptive tags are reliable predictors of a song’s popularity, as the traits they describe are fixed.

ID: 16631d34 Answer

Correct Answer: B

Rationale

Choice B is the best answer. This choice uses relevant information from the notes to explain a disadvantage of relying on audio features to predict a song’s popularity—namely, that it may misidentify features of certain songs. It also contrasts audio features with descriptive tags, which are more reliable predictors.

Choice A is incorrect. This choice only states a fact about the algorithms without evaluating their reliability or accuracy. Choice C is incorrect. This choice only describes the difference between audio features and descriptive tags without indicating why this difference matters for predicting popularity. Choice D is incorrect. This choice only mentions descriptive tags, which are not the focus of the student’s rhetorical goal.

Question Difficulty: Hard

Question ID 6c9df5d1

3.3

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 6c9df5d1

While researching a topic, a student has taken the following notes:

- Some powerful works of literature have so influenced readers that new legislation has been passed as a result.
- *The Interesting Narrative of the Life of Olaudah Equiano* (1789) is the autobiography of a man who endured slavery on both sides of the Atlantic.
- Equiano's book contributed to the passage of the Slave Trade Act of 1807.
- *The Jungle* (1906) is a fictional work by Upton Sinclair that describes unsanitary conditions in US meatpacking plants.
- Sinclair's book contributed to the passage of the Pure Food and Drug Act in 1906.

The student wants to emphasize a difference between the two books. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Although both are powerful works of literature that contributed to new legislation, Equiano's book is an autobiography, while Sinclair's is fictional.
- B. They may have written about different topics, but Equiano and Sinclair both influenced readers.
- C. The 1807 Slave Trade Act resulted in part from a book by Equiano, while the 1906 Pure Food and Drug Act resulted in part from a book by Sinclair.
- D. *The Interesting Narrative of the Life of Olaudah Equiano* and *The Jungle* are two works of literature that contributed to new legislation (concerning the slave trade and food safety, respectively).

ID: 6c9df5d1 Answer

Correct Answer: A

Rationale

Choice A is the best answer. This choice emphasizes a difference between the two books by using relevant information from the notes to contrast their genres.

Choice B is incorrect. This choice mentions a difference between the books (their different topics), but it emphasizes a similarity between the books (their influence on readers). Choice C is incorrect. This choice provides information about the books that reflects both a similarity (both resulted in new laws) and a difference (the specific laws that resulted), without emphasizing either. Choice D is incorrect. This choice doesn't emphasize a difference between the two books. Instead, it *emphasizes a similarity*.

Question Difficulty: Hard

Question ID 64e88c58

3.4

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 64e88c58

While researching a topic, a student has taken the following notes:

- In 1971, experimental musician Pauline Oliveros created *Sonic Meditations*.
- *Sonic Meditations* is not music but rather a series of sound-based exercises called meditations.
- Each meditation consists of instructions for participants to make, imagine, listen to, or remember sounds.
- The instructions for Meditation V state, “walk so silently that the bottoms of your feet become ears.”
- Those for Meditation XVIII state, “listen to a sound until you no longer recognize it.”

The student wants to provide an explanation and an example of Oliveros’s *Sonic Meditations*. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. *Sonic Meditations* is not music but rather a series of sound-based meditations that consist of instructions; Meditation XVIII, for instance, instructs participants to “listen to a sound until you no longer recognize it.”
- B. In 1971, Oliveros created *Sonic Meditations*, a series of meditations that consist of instructions for participants to make, imagine, listen to, or remember sounds.
- C. “Walk so silently that the bottoms of your feet become ears” is one example of the instructions found in Oliveros’s *Sonic Meditations*.
- D. While both meditations consist of instructions, Meditation XVIII instructs participants to “listen,” whereas Meditation V instructs participants to “walk.”

ID: 64e88c58 Answer

Correct Answer: A

Rationale

Choice A is the best answer. It describes what a “Sonic Meditation” is, and then gives an example in the form of Meditation XVIII.

Choice B is incorrect. This choice describes what a “Sonic Meditation” is, but doesn’t give an example of one. Choice C is incorrect. This choice gives an example of a “Sonic Meditation,” but doesn’t explain what the meditations are. Choice D is incorrect. This choice doesn’t describe what a “Sonic Meditation” is.

Question Difficulty: Hard

Question ID af88c47a

3.5

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: af88c47a

While researching a topic, a student has taken the following notes:

- Freddie Wong (born 1985) is a director and special effects artist from the United States.
- He is best known for the action-comedy web series *Video Game High School* (VGHS).
- VGHS premiered in 2012 on RocketJump, a YouTube channel that Wong cocreated.
- The series was celebrated for its inventive video game–centric world and high-quality special effects.
- VGHS was nominated for a Producers Guild Award for Outstanding Digital Series.

The student wants to begin a narrative about Wong’s award-nominated web series. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. In 2012, director and visual effects artist Freddie Wong launched a new action-comedy web series: *Video Game High School*.
- B. *Video Game High School* was celebrated for its inventive video game–centric world and high-quality special effects, and it was nominated for a Producer’s Guild Award for Outstanding Digital Series.
- C. Wong, cocreator of the YouTube channel RocketJump, would go on to see his web series be nominated for a Producers Guild Award.
- D. In 2012, *Video Game High School* premiered on RocketJump; it would later be nominated for an award.

ID: af88c47a Answer

Correct Answer: A

Rationale

Choice A is the best answer. This choice introduces Wong and *VGHS* in an active and specific way, as if to an audience unfamiliar with the series. It also sets up the time and genre of the web series, which are useful ways to introduce the series of events in a narrative.

Choice B is incorrect. This choice isn’t suited for beginning a narrative. A narrative is a story that follows a sequence of events and creates interest and suspense for the reader. This choice jumps to the end, explaining the success of *VGHS* without explaining what it is. Choice C is incorrect. This choice isn’t suited for beginning a narrative. It doesn’t actually introduce the web series by name. It just jumps to later in the story without sufficient explanation. Choice D is incorrect. This choice is not very effective for beginning a narrative. It doesn’t explain what *VGHS* is, and it doesn’t mention Wong.

Question Difficulty: Hard

Question ID fdd9a360

3.6

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: fdd9a360

While researching a topic, a student has taken the following notes:

- The popular wood-wide web theory posits that trees can communicate and exchange resources with one another via common mycorrhizal networks (CMNs) of fungi.
- Ecologist Dr. Suzanne Simard first suggested this theory in 1997.
- She described trees as “super-cooperators.”
- In the 2022 study “The Decay of the Wood-Wide Web?,” mycologist Dr. Justine Karst and colleagues evaluated dozens of CMN studies.
- They write that CMNs “have captured the interest of broad audiences. We are concerned, however, that recent claims about CMNs in forests are disconnected from evidence.”

The student wants to use a quotation to emphasize a potential problem with the wood-wide web theory. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Describing trees as “super-cooperators,” Simard first suggested that trees can exchange resources with one another in 1997.
- B. In “The Decay of the Wood-Wide Web?,” Karst and colleagues note that common mycorrhizal networks “have captured the interest of broad audiences.”
- C. After evaluating dozens of CMN studies, Karst and colleagues expressed concern that recent claims about common mycorrhizal networks are “disconnected from evidence.”
- D. Despite the concerns expressed in the 2022 study “The Decay of the Wood-Wide Web?,” the wood-wide web theory remains popular.

ID: fdd9a360 Answer

Correct Answer: C

Rationale

Choice C is the best answer. This choice uses a quotation to convey the authors’ criticism and challenge to the wood-wide web theory due to an absence of evidence.

Choice A is incorrect. This choice doesn’t emphasize a potential problem with the wood-wide web theory. It uses a quotation to introduce the theory and its originator. It doesn’t mention any criticism or challenge to the theory. Choice B is incorrect. This choice uses a quotation, but it doesn’t emphasize a potential problem with the wood-wide web theory. It uses a quotation to describe the appeal and interest of the theory, but it doesn’t indicate why the authors are concerned or what evidence they have. Choice D is incorrect. This choice doesn’t use a quotation at all. It paraphrases the main idea of the 2022 study, but it doesn’t include any specific words or phrases from the notes. It also doesn’t emphasize a potential problem with the theory, but rather its popularity.

Question ID 10cd0327

3.7

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 10cd0327

While researching a topic, a student has taken the following notes:

- A thermal inversion is a phenomenon where a layer of atmosphere is warmer than the layer beneath it.
- In 2022, a team of researchers studied the presence of thermal inversions in twenty-five gas giants.
- Gas giants are planets largely composed of helium and hydrogen.
- The team found that gas giants featuring a thermal inversion were also likely to contain heat-absorbing metals.
- One explanation for this relationship is that these metals may reside in a planet’s upper atmosphere, where their absorbed heat causes an increase in temperature.

The student wants to present the study’s findings to an audience already familiar with thermal inversions. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Heat-absorbing metals may reside in a planet’s upper atmosphere.
- B. The team studied thermal inversions in twenty-five gas giants, which are largely composed of helium and hydrogen.
- C. Researchers found that gas giants featuring a thermal inversion were likely to contain heat-absorbing metals, which may reside in the planets’ upper atmospheres.
- D. Gas giants were likely to contain heat-absorbing metals when they featured a layer of atmosphere warmer than the layer beneath it, researchers found; this phenomenon is known as a thermal inversion.

ID: 10cd0327 Answer

Correct Answer: C

Rationale

Choice C is the best answer. It describes the study’s findings in a way that assumes the audience is already familiar with thermal inversions.

Choice A is incorrect. This choice doesn’t fully describe the findings of the study, because it doesn’t include anything about thermal inversions. Choice B is incorrect. This choice doesn’t describe the study’s findings. Choice D is incorrect. This choice isn’t suited for an audience already familiar with thermal inversion. A familiar audience wouldn’t need to have the term defined.

Question Difficulty: Hard

Question ID 1773fa73

3.8

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 1773fa73

While researching a topic, a student has taken the following notes:

- A commodity chain is the series of links connecting the production and purchase of a commodity on the world market.
- Chinese American anthropologist Anna Tsing studies the contemporary commodity chain of matsutake mushrooms.
- At one end of the matsutake chain are mushroom pickers in Oregon.
- At the other end are wealthy consumers who buy the costly matsutake in Japan.
- According to Tsing, “Japanese traders began importing matsutake in the 1980s, when the scarcity of matsutake in Japan first became clear.”

The student wants to provide an overview of the matsutake commodity chain. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. The contemporary matsutake commodity chain has its origins in the 1980s when, according to Tsing, “the scarcity of matsutake in Japan first became clear.”
- B. Commodity chains include the linked production and purchase of commodities, such as the matsutake mushroom, on the world market.
- C. Decades after the Japanese import of matsutake began, a commodity chain now links matsutake pickers in Oregon with wealthy consumers of the costly mushrooms in Japan.
- D. Wealthy consumers who buy the costly mushrooms in Japan are at one end of the matsutake commodity chain.

ID: 1773fa73 Answer

Correct Answer: C

Rationale

Choice C is the best answer. The sentence provides an overview of the matsutake commodity chain, connecting the Oregon mushroom pickers at one end to the Japanese consumers at the other.

Choice A is incorrect. While the sentence mentions the matsutake commodity chain, it focuses only on its origins; it does not provide an overview. Choice B is incorrect. The sentence provides a general definition of commodity chains, not an overview of the matsutake chain. Choice D is incorrect. While the sentence mentions the matsutake commodity chain, it focuses only on one end of the chain (the consumers); it does not provide an overview.

Question Difficulty: Hard

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 5b8b69a2

While researching a topic, a student has taken the following notes:

- Archaeologist Jon Erlandson and colleagues argue that humans first arrived in the Americas by sea.
- They propose that humans traveled between Pacific Ocean islands and coastlines from northeast Asia to the Americas.
- Many of these islands and coastal zones were later submerged as glaciers melted and sea levels rose.
- The researchers think that “a coastal route, including kelp forests and estuaries, would have provided a rich mix of marine, estuarine, riverine, and terrestrial resources” such as seaweeds, fish, and birds.
- This proposed scenario is known as the kelp highway hypothesis.

The student wants to summarize the kelp highway hypothesis. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Pacific Ocean islands and coastlines likely contained “a rich mix of marine, estuarine, riverine, and terrestrial resources” such as seaweeds, fish, and birds, according to researchers.
- B. One argument about how humans first arrived in the Americas is the kelp highway hypothesis proposed by Jon Erlandson and colleagues.
- C. Humans may have first arrived in the Americas by sea, traveling between Pacific Ocean islands and coastlines and subsisting on a variety of resources.
- D. As glaciers melted and sea levels rose, many Pacific Ocean islands and coastal zones were submerged.

ID: 5b8b69a2 Answer

Correct Answer: C

Rationale

Choice C is the best answer. This choice summarizes the main idea of the kelp highway hypothesis, providing a high-level overview of how the hypothesis explains human migration to the Americas.

Choice A is incorrect. This choice describes one aspect of the proposed scenario but doesn’t discuss human migration, which is the main focus of the kelp highway hypothesis. Choice B is incorrect. This choice introduces the kelp highway hypothesis but doesn’t explain what it entails. Choice D is incorrect. This choice describes one element of the proposed scenario but doesn’t discuss human migration, which is the main focus of the kelp highway hypothesis.

Question Difficulty: Hard

Question ID 5222ffab

3.10

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 5222ffab

While researching a topic, a student has taken the following notes:

- Neuroscientists Krishnan Padmanabhan and Zhen Chen sought to better understand the workings of the brain’s olfactory system.
- They devised a study using mathematical models.
- They found that certain fibers allow the brain to toggle from one method of processing smells to another.
- In one method, cells in the piriform cortex (where the perception of odor forms) capture olfactory information at a given moment.
- In the other, the cells track changes in olfactory information over time.

The student wants to summarize the study’s findings. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. To arrive at these findings, which describe dual methods of processing smells in the piriform cortex, Padmanabhan and Chen devised a study using mathematical models.
- B. Padmanabhan and Chen showed that olfactory information is captured by cells in the piriform cortex, where the perception of odor forms.
- C. Using mathematical models, Padmanabhan and Chen devised a study to better understand the workings of the brain’s olfactory system.
- D. According to Padmanabhan and Chen, the brain can toggle between capturing olfactory information at a given moment and tracking changes in that information over time.

ID: 5222ffab Answer

Correct Answer: D

Rationale

Choice D is the best answer. The sentence effectively summarizes the study’s findings, explaining what Padmanabhan and Chen found: that the brain can toggle between one method of processing smells (capturing information at a given moment) and another (tracking changes in information over time).

Choice A is incorrect. While the sentence mentions findings, it mainly focuses on Padmanabhan and Chen’s methodology. It doesn’t effectively summarize the study’s findings. Choice B is incorrect. The sentence notes a fact about the olfactory system—that the perception of odor forms in the piriform cortex—but doesn’t summarize the findings of Padmanabhan and Chen’s study. Choice C is incorrect. The sentence presents the goal of Padmanabhan and Chen’s study; it doesn’t summarize the study’s findings.

Question Difficulty: Hard

Question ID 3dcc7140

3.11

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 3dcc7140

While researching a topic, a student has taken the following notes:

- Nissologists are scientists who study islands.
- Some nissologists define an island as any piece of land surrounded by water.
- Using that definition, they determined that Sweden has 221,000 islands.
- Other nissologists define an island as being 1 kilometer square, a certain distance from the mainland, and having at least 50 permanent residents.
- Using that definition, they determined that Sweden has 24 islands.

The student wants to make and support a generalization about nissologists’ definition of an island. Which choice most effectively uses relevant information from the notes to accomplish these goals?

- A. The definition of an island as any piece of land surrounded by water is supported by some nissologists, scientists who study islands.
- B. Multiple counts of Sweden’s islands have been based on different definitions of an island.
- C. Based on a recent count, Sweden has a relatively small number of islands with at least 50 permanent residents.
- D. Nissologists’ different definitions can result in huge disparities in counts of islands, as the example of Sweden shows.

ID: 3dcc7140 Answer

Correct Answer: D

Rationale

Choice D is the best answer. The sentence makes a generalization about nissologists’ definition of an island—specifically, that the use of one definition rather than another can result in huge disparities in the number of islands counted—and supports that generalization by citing Sweden as an example.

Choice A is incorrect. The sentence introduces one definition of an island to an audience unfamiliar with nissologists; it doesn’t make a generalization about nissologists’ definition of an island. Choice B is incorrect. While the sentence synthesizes information from the notes about counts of Sweden’s islands, it doesn’t make and support a generalization about nissologists’ definition of an island. Choice C is incorrect. The sentence makes an inference about islands in Sweden; it doesn’t mention nissologists’ definition of an island or make a generalization about it.

Question Difficulty: Hard

Question ID 622a351d

3.12

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: 622a351d

While researching a topic, a student has taken the following notes:

- In 1978, Sámi activists staged protests to block the construction of a dam on the Alta River in Norway.
- The dam would disrupt Sámi fishing and reindeer herding.
- The dam was ultimately built, but the Alta conflict had a lasting impact.
- It brought international attention to the issue of Sámi rights.
- It led to a set of 2005 legal protections establishing Sámi rights to lands, waters, and resources.

The student wants to make and support a generalization about the Alta conflict. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. During the Alta conflict, Sámi activists staged protests to block the construction of a dam on the Alta River in Norway that would disrupt local fishing and reindeer herding.
- B. Although the dam that the Sámi activists had protested was ultimately built, the Alta conflict had a lasting impact.
- C. Sámi rights to lands, waters, and resources received international attention and legal protections as a result of the Alta conflict.
- D. The Alta conflict had a lasting impact, resulting in international attention and legal protections for Sámi rights to lands, waters, and resources.

ID: 622a351d Answer

Correct Answer: D

Rationale

Choice D is the best answer. It makes a generalization—the conflict had a lasting impact—and then supports it with evidence—the attention and protections were results of the conflict.

Choice A is incorrect. This choice doesn’t make a generalization about the conflict. It describes a specific event from the conflict. Choice B is incorrect. This choice makes a generalization about the Alta conflict, but doesn’t support it. Choice C is incorrect. This choice makes a statement about the aftermath of the conflict, but doesn’t support it. The statement is also a little too specific to be a generalization.

Question Difficulty: Hard

Question ID db3ad406

3.13

Assessment	Test	Domain	Skill	Difficulty
SAT	Reading and Writing	Expression of Ideas	Rhetorical Synthesis	■ ■ ■

ID: db3ad406

While researching a topic, a student has taken the following notes:

- Stars form in a galaxy when gravity causes a massive cloud of dust and gas to collapse.
- A galaxy in a phase of rapid star formation is called a starburst galaxy.
- Quenching is a process in which a galaxy loses star-forming gas.
- A galaxy that no longer forms stars is called a quenched galaxy.
- A quenched galaxy has entered the poststarburst phase.

The student wants to explain what a quenched galaxy is. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Before quenching, a starburst galaxy will form stars at a rapid rate.
- B. When it becomes quenched, a starburst galaxy enters the poststarburst phase.
- C. Having entered the poststarburst phase, a quenched galaxy is one that no longer forms stars.
- D. A starburst galaxy will lose star-forming gas and eventually become quenched.

ID: db3ad406 Answer

Correct Answer: C

Rationale

Choice C is the best answer. This choice defines a quenched galaxy as “one that no longer forms stars.”

Choice A is incorrect. This choice only describes what happens before quenching. Choice B is incorrect. This choice only describes what happens after quenching. Choice D is incorrect. This choice only describes what causes quenching.

Question Difficulty: Hard