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- 12课时填空直播
- 12课时阅读直播
- 7天Verbal刷题课

课程表

GRE 必考题 全程班							
日期	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
课程	GRE群内文字开营	GRE开营仪式	填空一	数学一	阅读一	作文录播一	阅读二
上课时间	美东 21:00-21:30 美中 20:00-20:30 美西 18:00-18:30 国内 9:00-9:30	美东 21:00-21:30 美中 20:00-20:30 美西 18:00-18:30 国内 9:00-9:30	美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00
单词课安排		单词List1-2	单词List3-4	单词List5-6	单词List7-8	单词List9-10	单词List11-10
日期	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
课程	单词测试1 + Office Hour	填空二	数学二	数学三	填空三	作文录播二	休息
上课时间		美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	
单词课安排	复习List11-10	单词List11-12	单词List13-14	单词List15-16	单词List17-18	单词List19-20	单词List21-20
日期	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20
课程	单词测试2 + Office Hour	阅读三	数学四	填空四	阅读四	作文录播三	休息
上课时间		美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	
单词课安排	复习List21-20	单词List21-22	单词List23-24	单词List25-26	单词List27-28	单词List29-30	单词List31-30
日期	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27
课程	单词测试3 + Office Hour	阅读五	填空五	阅读六	填空六	数学五	模考训练日
上课时间		美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	美东 21:30-23:30 美中 20:30-22:30 美西 18:30-20:30 国内 9:30-11:30	美东 21:00-23:00 美中 20:00-22:00 美西 18:00-20:00 国内 9:00-11:00	
单词课安排	复习List31-30	单词复习1-6	单词复习7-12	单词复习13-18	单词复习19-24	单词复习25-30	
日期	Day 28	Day 29	Day 30	Day 31	Day 32	Day 33	Day 34
课程	阅读刷题 (录播)	填空刷题 (录播)	阅读刷题 (录播)	填空刷题 (录播)	阅读刷题 (录播)	填空刷题 (录播)	阅读刷题 (录播)
上课时间	3篇短文+2篇中文文章 (不限时)	20双空题专项+10道综合 训练 (不限时)	10道逻辑单题, explanation+weaken (不限时)	20道三空训练+10道综合 训练 (不限时)	2篇短文+1篇中文文章+1 篇长文章 (不限时)	20道六选二专项+10道综 合训练 (不限时)	2篇短文+1篇中文文章+1 篇长文章 (不限时)

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必考题

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Carbon dating of charcoal gathered from a Nok iron smelter at Intini, Nigeria, suggests that iron technology was established there by 410 B.C. This may not be the oldest smelter in sub-Saharan Africa, however. Archaeologists have located evidence of iron-smelting in the Termit Hills of Niger from as early as 1400 B.C., but skeptics say the wood used for that dating could have already been centuries old when burned as fuel—a problem that dogs carbon dating, especially in arid places like Niger, where wood desiccates and lasts longer. Of course, the same problem could distort dates for the Intini furnace as well, but here there is an important piece of corroborating evidence: Nok pottery found inside the furnace alongside the charcoal.

The passage is primarily concerned with

- ☐ determining which of two ancient cultures in sub-Saharan Africa was more technologically advanced
- ☐ dating the development of iron technology in sub-Saharan Africa
- ☐ assessing certain advantages and disadvantages of carbon dating in sub-Saharan Africa
- ☐ suggesting a possible link between climate and technological development in sub-Saharan Africa
- ☐ contrasting the iron-smelting techniques of two civilizations in sub-Saharan Africa

Select one answer choice.

问题反馈

Section1 Question1

Young people should be encouraged to pursue long-term, realistic goals rather than seek immediate fame and recognition.

Write a response in which you discuss the extent to which you agree or disagree with the statement and explain your reasoning for the position you take. In developing and supporting your position, you should consider ways in which the statement might or might not hold true and explain how these considerations shape your position.

Section1 Question2

The following is a letter to the editor of an environmental magazine

“Two studies of amphibians in Xanadu National Park confirm a significant decline in the numbers of amphibians. In 1975 there were seven species of amphibians in the park and there were abundant numbers of each species. However, in 2002 only four species of amphibians were observed in the park, and the numbers of each species were drastically reduced. One proposed explanation is that the decline was caused by the introduction of trout into the park’s waters, which began in 1975. (Trout are known to eat amphibian eggs.)”

Write a response in which you discuss one or more alternative explanations that could rival the proposed explanation and explain how your explanation(s) can plausibly account for the facts presented in the argument.

Section2 Question1

The circumference of circle P is 9, and the circumference of circle T is 36.

Quantity A

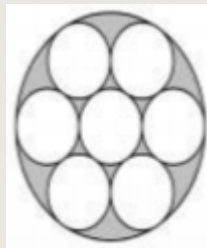
The ratio of the radius of circle P to the
radius of circle T

Quantity B

$$\frac{1}{2}$$

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question2



Seven small circles of equal radius are located within a large circle as shown. The small circle in the center is tangent to each of the other small circles. Each of the other small circles is tangent to the large circle and to two other adjacent circles.

Quantity A

The sum of the areas of the shaded
regions

Quantity B

Three times the area of one of the small
circles

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question3

$$S = \{11, 12, 14, 17, k\}$$

$$T = \{n, 14, 17, 19, 21, 23\}$$

k is an integer greater than 17, and n is an integer less than 14.

Quantity A

The fraction of the integers in set T
that are in the set $S \cap T$

Quantity B

$$\frac{1}{2}$$

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.

D.The relationship cannot be determined from the information given.

Section2 Question4

Small, medium, and large prizes were purchased for a game booth at a carnival. Small prizes cost \$2.25 each, medium prizes cost \$3.15 each, and large prizes cost \$5.20 each. Of the prizes purchased, 45 percent were small, 35 percent were medium and the rest were large.

Quantity A

The percent of the total amount used to purchase the prizes that was used to purchase small prizes

Quantity B

The percent of the total amount used to purchase the prizes that was used to purchase large prizes

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question5

$$12 < 3x < 21$$

$$6 < x+3 < 9$$

Quantity A

x

Quantity B

5

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question6

When the numbers v and w are rounded to the nearest integer, the resulting values are 21 and 3, respectively.

Quantity A

$$\frac{v}{w}$$

Quantity B

8

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question7

A random variable X is normally distributed with a mean of 10 and a standard deviation of 3.



A random variable Y is normally distributed with a mean of 16 and a standard deviation of 8.

Quantity A

The probability that $4 < X < 13$

Quantity B

The probability that $8 < Y < 24$

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question8

Quantity A

The greatest integer n such that 360^n is a factor of $2^{37}3^{25}5^{41}$

Quantity B

11

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section2 Question9

List T: 9, 15, 36, 57, 45, 9, 18, 123, 21, x

The average (arithmetic mean) of the numbers in list T is 36. What is the value of x ?

- A.27
- B.30
- C.33
- D.37
- E.40

Section2 Question10

College	September 2010	September 2016
A	7,900	8,800
B	9,000	9,950
C	3,600	4,090
D	3,000	3,500
E	4,400	4,900

The table shows the total enrollment at five colleges in September 2010 and September 2016. Which of the colleges had the greatest percent increase in total enrollment from September 2010 to September 2016?

- A.A
- B.B

C.C

D.D

E.E

Section2 Question11

A firewood supplier originally had 500 cubic feet of firewood. The supplier sold 12 percent of the firewood to one customer and then sold 40 percent of the remaining firewood to a second customer. How many cubic feet of firewood did the supplier have left after selling firewood to both customers?

A.176

B.236

C.240

D.260

E.264

Section2 Question12

An object was launched from the ground. The height h of the object, in meters, above the ground t seconds after it was launched can be modeled by the function $h(t) = -4.9t^2 + 29.4t$, where $0 \leq t \leq 6$. According to the model, for which of the following values of t was the height of the object greater than 30 meters above the ground? Indicate all such values.

A.1

B.2

C.3

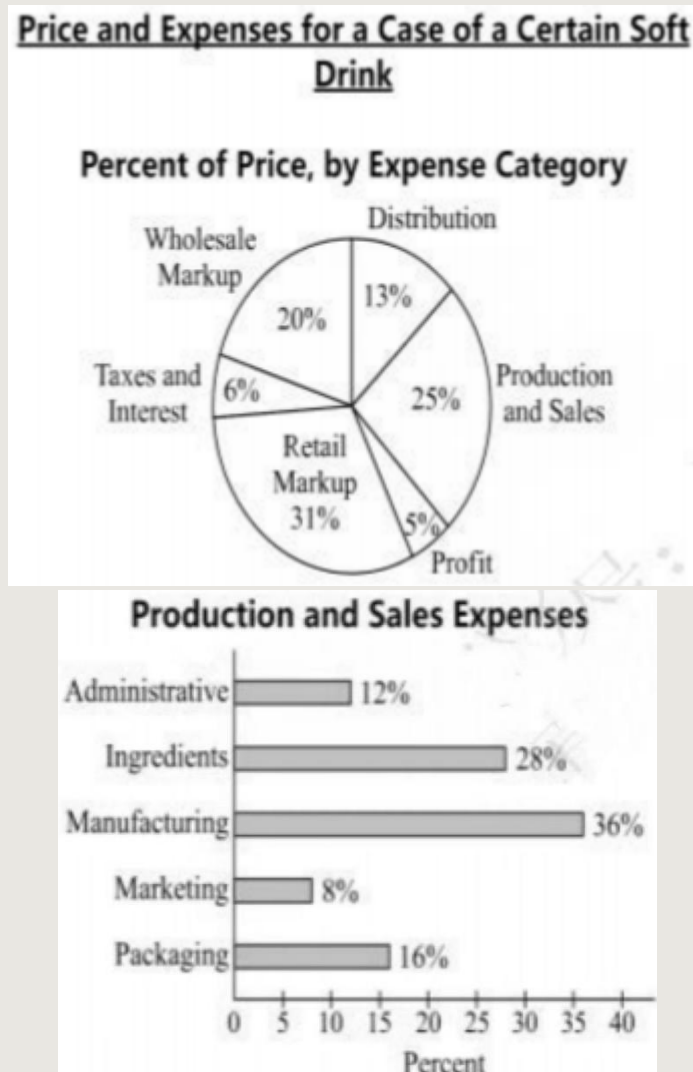
D.4

E.5

Section2 Question13 $a_1, a_2, a_3, a_4, \dots$

In the sequence shown, each term after the first two terms is the sum of the two preceding terms. If $a_2 = 4$ and $a_4 = 16$, what is the value of a ?

 $a_1 = \underline{\hspace{2cm}}$ **Questions 14 and 16 are based on the following data****必考词**
这些词是必考词

**Section2 Question14**

If the ingredients expenses increase by 75 percent next year and all other expenses remain the same, what will be the price of a case of the soft drink next year?

- A.\$50.52
- B.\$51.36
- C.\$53.88
- D.\$56.24
- E.\$58.08

Section2 Question15

What is the total of the distribution, administrative, and marketing expenses for a case of the soft drink?

\$_____

Section2 Question16

The ingredients expenses are what percent less than the wholesale markup expenses?

- A.62%
- B.65%
- C.68%
- D.71%
- E.74%

Section2 Question17

The ratio of the number of freshmen to the number of sophomores enrolled in a psychology course was 2 to 1. After 2 freshmen added the course and 1 sophomore dropped the course, the ratio of the number of freshmen to the number of sophomores changed to 9 to 4. How many sophomores were originally enrolled in the course?
_____sophomores

Section2 Question18

A report contains a list of the annual salaries of 100 professionals at a firm including Raj. All of the salaries are different, and 52 percent of the salaries are less than or equal to Raj's salary. If the 15 lowest salaries and the 5 highest salaries were to be removed from the list, approximately what percent of the remaining salaries would be less than or equal to Raj's salary?

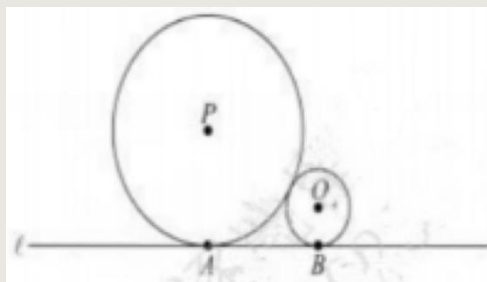
- A.37%
- B.42%
- C.44%
- D.46%
- E.65%

Section2 Question19

Which of the following expressions are equivalent to $8a^3b^6c^9$?
Indicate all such expressions.

- A. $8a^3(b^3+b^3)c^9$
- B. $8a^3b^6c^3c^3$
- C. $(2a)^3(b^3)^2(c^9)$
- D. $(2ab^3c^6)^3$
- E. $(2ab^2c^3)^3$

Section2 Question20



The circles with centers P and O have radii 6 and 2, respectively and are tangent to each other. Line ℓ is tangent to the circles at points A and B as shown. What is the length of line segment AB?

- A. $4\sqrt{3}$
- B. $2\sqrt{7}$
- C. $2\sqrt{15}$
- D. 8
- E. 10

Section3 Question1

Select one entry for the blank. Fill the blank in the way that best completes the text.

One should distrust the familiar distinction between an “authentic” and a “literary” epic, for in the arts it is dangerous to be too _____ in saying what a thing is or what it is supposed to be.

A) reticent
B) creative
C) enigmatic
D) precise
E) unorthodox

Section3 Question2

Select one entry for the blank. Fill the blank in the way that best completes the text.

Though many avant-garde writers _____ traditional distinctions among literary categories, combining elements of autobiography and fiction, prose and poetry, this fusion of forms has been slow to catch on with publishers.

A) flout
B) presuppose
C) exploit
D) imitate
E) illuminate

Section3 Question3

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

The presence of oxygen is (i) _____ a (ii) _____ of life on other planets: for one thing, oxygen can be produced by geological activity; moreover, even Earth’s life forms have not always generated it in quantities that would be detectable from space.

Blank (i)	Blank (ii)
A) indispensable for	D) signature
B) unreliable as	E) proliferation
C) correlated with	F) exploration

Section3 Question4

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

The pronghorn antelope in northern Mexico may be viewed as (i)_____species, as most of the North American prairie, its chief historical habitat, has (ii)_____.

Blank (i)	Blank (ii)
A) a relict	D) been closely scrutinized
B) an endemic	E) been taken for granted
C) a hybrid	F) disappeared over time

Section3 Question5

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

Knowing how (i)_____she was at work, her colleagues were surprised at her (ii)_____throughout dinner.

Blank (i)	Blank (ii)
A) dependable	D) timidity
B) diffident	E) assertiveness
C) diligent	F) punctiliousness

Section3 Question6

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

Most empirical studies seeking to show a connection between an individual's values and that individual's political behavior have failed to demonstrate much in the way of (i)_____. So, despite the fact that many political scientists find the notion that personal values affect political behavior to be (ii)_____, empirical evidence to support it is (iii)_____.

Blank (i)	Blank (ii)	Blank (iii)
A) theoretical difficulty	D) ambiguous	G) misleading
B) novel perspectives	E) counterintuitive	H) conclusive

C) explanatory
potential

F) unarguable

I) sparse

Questions 7 and 8 are based on this passage

Although passenger pigeons now extinct, were abundant in eighteenth-and nineteenth-century America, archaeological studies at twelfth-century Cahokian sites in the present-day United States examined household food trash and found that traces of passenger pigeon were quite rare. Given that the sites were close to a huge passenger pigeon roost documented by John James Audubon in the nineteenth century and that Cahokians consumed almost every other animal protein source available, **the archaeologists conducting the studies** concluded the passenger pigeon population had once been very limited before increasing dramatically in post-Columbian America. Other archaeologists have criticized those conclusions on the grounds that passenger pigeon bones would not be likely to be preserved. But all the archaeological projects found plenty of bird bones-and even some **tiny bones from fish**.

Section3 Question7

The author of the passage mentions “tiny bones from fish” primarily in order to

- A.explain why traces of passenger pigeon are rare at Cahokian sites
- B.support a claim about the wide variety of animal proteins in the Cahokian diet
- C.provide evidence that confirms a theory about the extinction of the passenger pigeon
- D.cast doubt on the conclusion reached by the archaeologists who conducted the studies discussed in the passage
- E.counter an objection to an interpretation of the data obtained from Cahokian sites

Section3 Question8

Which of the following, if true, would most call into question the reasoning of “the archaeologists conducting the studies”?

- A.Audubon was unable to correctly identify twelfth- century Cahokian sites.
- B.Audubon made his observations before passenger pigeon populations began to decline.
- C.Passenger pigeons would have been attracted to household food trash.
- D.Archaeologists have found passenger pigeon remains among food waste at eighteenth-century human settlements.
- E.Passenger pigeons tended not to roost at the same sites for very many generations.

Questions 9 and 12 are based on this passage

Late-eighteenth-century English cultural authorities seemingly concurred that woman readers should favor history, seen as edifying, over fiction, which was regarded as frivolous and seductive. **Readers of Mary Ann Hanway’s novel**

Andrew Stuart or the Northern Wanderer, learning that its heroine delights in David Hume's and Edward Gibbon's histories could conclude that she was more virtuous and intelligent than her sister who disdains such reading. Likewise, while the naive, novel-addicted protagonist of Jane Austen's *Northanger Abbey*, Catherine Morland, finds history a chore, the sophisticated, sensible character Eleanor Tilney enjoys it more than she does the Gothic fiction Catherine prefers. Yet in both cases, the praise of history is more double-edged than it might initially appear. Many readers have detected a protofeminist critique of history in Catherine's protest that she dislikes reading books filled with men "and hardly any women at all." Hanway, meanwhile, brings a controversial political edge to her heroine's reading, listing the era's two most famous religious skeptics among her preferred authors. While Hume's history was generally seen as being less objectionable than his philosophy, there were **widespread doubts** about his moral soundness even as a historian by the time that Hanway was writing, and Gibbon's perceived tendency to celebrate classical paganism sparked controversy from the first appearance of his history of Rome.

Section3 Question9

According to the passage, which of the following is true about Hume's reputation in the late eighteenth century?

- A. He was more highly regarded as a historian than Gibbon was.
- B. His historical writing, like his philosophical writing came to be regarded as problematic.
- C. He was more well-known for his historical writing than for his philosophical writing.
- D. His historical writing came to be regarded as morally questionable because of his association with Gibbon.
- E. His views about classical paganism brought him disapproval among the general reading public.

Section3 Question10

It can be inferred that the author of the passage would be most likely to agree with which of the following statements about the heroine of *The Northern Wanderer*?

- A. She is represented as someone who fails to recognize the full implications of the books she is reading.
- B. She is used in *The Northern Wanderer* primarily as a vehicle for expressing conventional views about reading.
- C. She is meant to reflect the preferences and habits of many of Hanway's own readers.
- D. She is initially presented as quite different from her sister but then shown to be similar to her in certain ways.

E. She is shown by her choice of reading to be intellectually serious but possibly morally unconventional.

Section3 Question11

The highlighted sentence exemplifies which of the following?

- A. Cultural authorities' attempt to use novels to support their views about the value of reading fiction
- B. Eighteenth-century woman authors attempts to embody in their work certain cultural authorities views about reading
- C. A point about the educational value of reading books about history
- D. An instance in which a particular judgment about the value of reading history is apparently presupposed
- E. A challenge to an assumption about eighteenth-century women's reading habits

Section3 Question12

The author mentions the "widespread doubts" about Hume primarily in order to

- A. support a claim about the scholarly merit of Hume's historical writings
- B. contrast Hume's philosophical writing with his writings on historical subjects
- C. suggest that Hanway did not understand the implications of depicting her heroine as reading Hume
- D. identify an ambiguity in Hanway's depiction of the heroine of *The Northern Wanderer*
- E. illustrate a point about a way eighteenth-century fiction writers sometimes represented historians

Section3 Question13

Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

The relationship between mental function and brain anatomy is nowhere near as _____ as in the case of the body: we cannot just look and see what does what in the brain.

- A. mechanical
- B. transparent
- C. complex
- D. lucid
- E. dynamic
- F. intricate

Section3 Question14

Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

Looking back on a project that they had approached with both great_____and considerable aspirations, they were amused to recognize that neither the fears nor the hopes had been at all realistic.

- A.purpose
- B. talent
- C.abilities
- D.trepidation
- E.misgivings
- F.ambition

Section3 Question15

Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

According to Peter Kwapong, rural Ghanaian farmers, despite regarding stingless bees as useful animals, by and large have not_____the bees as economic resources.

- A.recognized
- B.discounted
- C.exploited
- D.utilized
- E.monopolized
- F.downplayed

Section3 Question16

Select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

Because the literary club often trumpeted itself as a sanctuary for temperate discussion, visitors were startled by the frequently_____tone of its recent debates.

- A.blunt

- B.ingratiating
- C.acerbic
- D.unctuous
- E.vitriolic
- F.bombastic

Section3 Question17

Fossil evidence shows that within a century after the arrival of the first settlers on the island of Corme 16,000 years ago, the one species of kangaroo that had been thriving on Corme became extinct. Archaeologists contend that the primary cause of the kangaroos extinction was land-clearing rather than hunting. Evidence shows that the settlers burned large tracts of vegetation to clear land for cultivation which would have greatly reduced the food available for the kangaroo.

Which of the following, if true provides most support for the archaeologists' contention?

- A.The fossil record on Corme shows no evidence that any other mammals disappeared in the period following the arrival of settlers.
- B.At the time settlers first arrived Corme was in the midst of a period when its climate was becoming increasingly arid and its pattern of vegetation was consequently changing.
- C.The earliest settlements on Corme were spread along the island's coasts.
- D.Archaeological excavation of the settlements on Corme has yielded large quantities of bones of many species of mammal and fish but very few kangaroo bones.
- E.The earliest settlers on Corme cultivated food plants that they found growing wild on the island.

Questions 18 and 20 are based on this passage

This passage is adapted from material published in 2006.

Until recently, medical researchers had few clues about what causes age-related macular degeneration (AMD) a deterioration of the central area of the retina that destroys the individual's central vision, making it impossible to perform essential activities such as reading or driving a car. However, recent discoveries in genetics suggest that **variations** in **two genes** responsible for encoding proteins in the so-called complement cascade account for most of the risk of developing AMD. This complex molecular pathway is the body's first line of defense against invading bacteria, but, if overactive, it can produce tissue-damaging inflammation.

The new links between AMD and the complement genes suggest that excessive inflammation resulting from uncontrolled complement activity underlies the vision-destroying changes that particularly strike the macula, the central region of the retina. Indeed, such inflammation-promoting gene variants contribute to the development of perhaps as many as 75 percent of AMD cases. Several other genes, including one of

as-yet unknown function, have also been recently implicated as possibly making a substantial contribution to AMD risk.

Section3 Question18

According to the passage “variations” increase the risk of AMD by

- A.inhibiting the body’s ability to recognize invading bacteria
- B.causing unnecessary inflammation within the retina
- C.allowing certain harmful bacteria to enter the macula
- D.damaging certain proteins present in the eye
- E.exacerbating an existing infection within the eye

Section3 Question19

According to the passage, the most common cause of AMD is

- A.the presence of an extra complement gene
- B.an inability to defend against infection
- C.a family history of AMD
- D.a variation in a gene whose function is not yet understood
- E.an overreaction of the body’s defenses

Section3 Question20

Which of the following can be inferred about the “two genes”?

- A.The genes exist in forms that do not increase one’s risk of developing AMD.
- B.The genes are present only in a minority of the population.
- C.The genes tend to become increasingly unstable with age.
- D.The genes are not normally involved in the complement cascade.
- E.The genes have been detected only in people who have AMD.

Section4 Question1

On a waiting list for nursery school enrolment Sally's name is 12th from the bottom of the list and Zachery's name is 9th from the top of the list.

Quantity A

The total number of names on the waiting list

Quantity B

21

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section4 Question2

$$-1 < r < 0$$

$$0 < s < 1$$

Quantity A

$$|r+s|$$

Quantity B

1

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section4 Question3

Quantity A

The greatest common divisor
of 5 and 16

Quantity B

The greatest common divisor
of 25 and 256

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section4 Question4

The median of n consecutive odd integers is 0.

Quantity A

The sum of the n integers

Quantity B

The sum of the least and greatest of
the n integers

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.



Section4 Question5

x is a nonnegative integer.

Quantity A
 $2^x + 2^x + 2^x + 2^x$

Quantity B
 $4^x + 4^x$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Section4 Question6

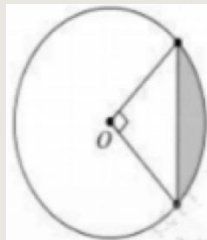
The lengths of the three sides of triangle T are 9, 12, and 16.

Quantity A
 The measure of the interior angle of T
 opposite the side with length 16

Quantity B
 90°

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Section4 Question7



The circle has center O and a radius of 1.

Quantity A
 The area of the shaded region in the circle

Quantity B
 $\frac{\pi - 2}{4}$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Section4 Question8

$$1 < x + y$$

Quantity A
 $x^2 + y^2$

Quantity B
 1

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section4 Question9

If the average (arithmetic mean) of there consecutive odd integers is 11, then 7 more than the least of the three integers is

- A.16
- B.17
- C.18
- D.19
- E.20

Section4 Question10

Last week Tom worked x hours and earned \$256, and Frank worked y hours and earned \$144. If Tom and Frank worked a combined total of 50 hours last week and they were paid the same constant hourly rate, how many more hours did Tom work than Frank?

- A.12
- B.14
- C.17
- D.18
- E.32

Section4 Question11

If $5x-3>2$, then it must be true that x is

- A.less than 1
- B.greater than 0
- C.not an integer
- D.a prime
- E.a multiple of 5

Section4 Question12

How many different three-digit integers, each of whose digits must be either 1 or 2 or 3, are greater than 300?

- A.3
- B.4
- C.9

D.16

E.27

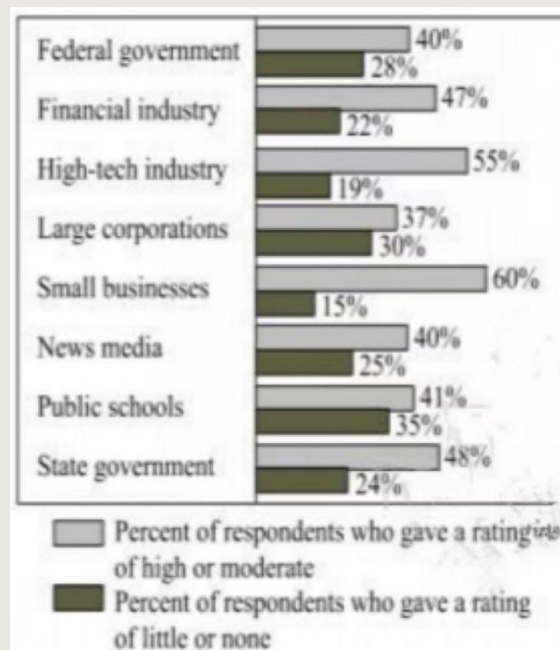
Section4 Question13

An antique dealer sold 16 jars for \$36 each. The dealer's total revenue from selling the jars was \$96 greater than the total amount the dealer paid for the jars. The dealer's total revenue from the sale of the jars was what percent greater than the total amount the dealer paid for the jars?

_____ %

Questions 14 and 16 are based on the following data

The graph summarizes the responses from 4,500 respondents who rated their degree of confidence in each of eight United States institutions. Each respondent gave each institution one of five confidence ratings: high, moderate, little, none, or undecided.



Section4 Question14

For the respondents who rated their degree of confidence in state government high or moderate, the ratio of the number who gave a rating of high to the number who gave a rating of moderate was 1 to 3. How many of the respondents rated their degree of confidence in state government high?

A.540

B.570

C.620

D.680

E.720



必考词
这些词是必考词

Section4 Question15

If 20 percent of the respondents rated both their degree of confidence in the federal government and their degree of confidence in the news media high or moderate, what percent of the respondents gave neither of these institutions a confidence rating of high or moderate?

- A.35%
- B.40%
- C.45%
- D.50%
- E.55%

Section4 Question16

Of the respondents who did not rate their degree of confidence in the federal government undecided approximately what fraction rated their degree of confidence in that institution little or none?

- A. $\frac{3}{10}$
- B. $\frac{2}{5}$
- C. $\frac{1}{2}$
- D. $\frac{3}{5}$
- E. $\frac{7}{10}$

Section4 Question17

In the xy-plane, the point $(2t, 2t-2)$ lies on the line with equation $y=-x-5$. What is the value of t ?

Give your answer as a fraction.

Section4 Question18

If $(x-5)^2=y$, what does $x^2-10x+10$ equal, in terms of y ?

- A.y-20
- B.y-15
- C.y

D. $y+20$ E. $y+35$ **Section4 Question19**

A rancher recorded the weight of each dairy cow that was to be offered for sale at the local cattle auction. The weight of each cow was different the median weight of the cows was 1,150 pounds and there was an odd number of cows.

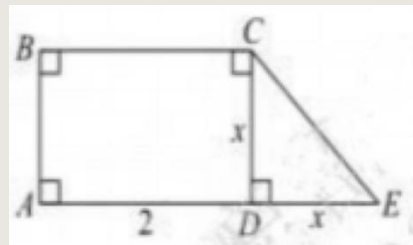
Which of the following statements individually provide(s) sufficient additional information to determine the number of cows to be offered for sale?

Indicate all such statements.

A.The mean weight of the cows was 1,225 pounds.

B.There were 8 cows weighing less than 1,150 pounds.

C.The range of the weights of the cows was 332 pounds.

Section4 Question20

In the figure above, the area of quadrilateral region ABCE is $\frac{5}{2}$. What is the value of

x ?

A. $\frac{3}{4}$

B. 1

C. $\frac{5}{4}$ D. $\frac{2}{3}$

E. 2



Section5 Question1

Select one entry for the blank. Fill the blank in the way that best completes the text.

Heresy and schism are not restricted to theologians: science also has its share of fields that are_____sectarianism.

A) resistant to
B) riven by
C) unified by
D) buttressed by
E) free of

Section5 Question2

Select one entry for the blank. Fill the blank in the way that best completes the text.

Paradoxically, altruism may in fact be_____if it aids only one's own clique.

A) munificent
B) counterproductive
C) self-interested
D) disproportionate
E) beneficial

Section5 Question3

Select one entry for the blank. Fill the blank in the way that best completes the text.

The monitoring is not_____: on the contrary, the defendant and his or her attorney are required to be given notice of the government's listening activities.

A) obtrusive
B) circumspect
C) surreptitious
D) adroit
E) meticulous

Section5 Question4

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

The historian noted that her first work of fiction set in Boston in the 1760s, did not really feel like a (i)_____her scholarly endeavors: she had always practiced history as a creative discipline in which imagination and (ii)_____are complementary rather than antithetical.

Blank (i)	Blank (ii)
A) continuation of	D) rigor
B) reflection on	E) monotony
C) departure from	F) invention

Section5 Question5

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

Inuit print making is less (i)_____than carving in that it does not have substantial historical precedents, although there are (ii)_____incised carvings on bone or antler, facial tattoo marks or inlay skin work on clothing, mitts, and footwear. Carving materials such as stone, bone, antler wood, and ivory were (iii)_____, but paper and drawing tools were unknown until introduced by early explorers and missionaries.

Blank (i)	Blank (ii)	Blank (iii)
A) traditional	D) affinities with	G) available locally
B) prestigious	E) objections to	H) rarely used
C) anomalous	F) regulations about	I) _____ virtually interchangeable

Section5 Question6

For each blank select one entry from the corresponding column of choices. Fill all blanks in the way that best completes the text.

Researchers have tried, with little success, to gain an understanding of how brain activity in roundworms gives rise to various rudimentary behaviors. The (i)_____establishing a link between biology and behavior in humans is (ii)_____. While the media routinely report on scans showing that specific brain locations light up when we feel particular emotions or perform particular actions, the impression given by these news stories-that current technology provides real insights into how the brain works-is (iii)_____.

Blank (i)	Blank (ii)	Blank (iii)
A) incentive for	D) still more acute	G) exciting
B) difficulty of	E) not as remarkable	H) specious
C) controversy over	F) seemingly less troubling	I) ambiguous

Questions 7 and 8 are based on this passage

In the early nineteenth-century United States, miniature portraits of family members, painted on ivory and typically bestowed on other family members as gifts, became extremely popular reflecting the growing importance of affection as a family value. The periods expanding market for miniatures was fueled by the labor of female artists, who charged a fraction of the commissions demanded by their male competitors. Especially in urban areas, middle-class families took advantage of the competitive, gendered labor market to amass multiple representations of kin. Miniatures depicting children, parents, siblings, and other kin heightened the genre's broadly domestic associations. So, too, did the growing number of women who commissioned paintings. While **full-sized oil paintings** were quite expensive miniatures were generally attainable for middle-class women making them affordable luxuries.

Section5 Question7

The passage suggests which of the following about miniature portraits in the nineteenth century?

- A.They were painted almost exclusively by female artists.
- B.They more often represented female than male family members.
- C.Their prices rose because the overall market for paintings by women expanded.
- D.Their rising popularity reflected an increasing emphasis on the family.
- E.The ivory on which they were painted made the portraits quite valuable.

Section5 Question8

The author discusses “full-sized oil paintings” primarily to

- A.qualify a claim about the preferences of middle-class art buyers
- B.account for a choice made by certain individuals who commissioned paintings
- C.explain how the subject matter of a painting could affect its price
- D.note a change in the market for paintings created by female artists
- E.rule out one explanation for the popularity of family portraits

Questions 9 and 11 are based on this passage

This passage discusses Minoan buildings constructed during the Bronze Age on the Greek island of Crete.

Although the term “Palace” is widely used and deeply ingrained in Minoan archaeology, Driessen has remarked that the term has been used to describe a number of quite different things and that there is no consensus on what the term signifies. The **debate** usually centers on the presumed functions of the buildings. Evans assumed that the buildings known as Palaces had several roles including royal residences, administrative centers, economic centers, manufacturing centers, and cult centers. Over the years, each of those functions has been called into question. For example, I. Schoep notes **“The use of the term Palace carries with it a whole host of perhaps unhelpful baggage, which consciously or unconsciously encourages interpretation of the ‘Palace’ as the residence of a royal elite, occupying supreme position within a hierarchical social and political structure”**; she suggests using the more neutral term “court-centered building” instead. The problem however, comes not from the architectural label one applies, but from making unwarranted assumptions about how the Palaces were used. I use the word “Palaces” (capitalized to signal its arbitrariness) not to imply a range of functions but to refer to a group of buildings that share a set of formal elements.

Section5 Question9

The highlighted quotation from I. Schoep serves in part to

- A.suggest that the debate surrounding the Palaces function has been misguided
- B.caution against a particular understanding of the Palaces function
- C.articulate a hypothesis about the Palaces’ function that the author goes on to critique
- D.explain why the Palaces were probably not used as residences by a royal elite
- E.support a claim by the author that the term “Palace should no longer be used

Section5 Question10

The author suggests that the “debate” mentioned in the passage is misguided because the participants in the debate

- A.have been too quick to abandon the functional categories established by Evans
- B.have assigned functions to the buildings on an arbitrary basis
- C.rely on questionable notions about how the buildings were used
- D.are generally reluctant to see social hierarchy as relevant to the function of the buildings
- E.continue to see the Palaces as being the residences of a royal elite

Section5 Question11

Select the **two** answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole **and** produce completed sentences that are alike in meaning.

Scientists have recently confirmed that Mercury possesses a lot of ice_____discovery for a place that ranks among the hottest in the solar system.

- A.a controversial
- B.a stunning
- C.a doubtful
- D.a counterintuitive
- E.a dubious
- F.an unexpected

Section5 Question12

Select the **two** answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole **and** produce completed sentences that are alike in meaning.

Notwithstanding the author's_____, much of the argument of the book is unfortunately, wrongheaded.

- A.callowness
- B.eminence
- C.arrogance
- D.inexperience
- E.ingenuity
- F.stature

Section5 Question13

Select the **two** answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole **and** produce completed sentences that are alike in meaning.

Blake's reputation for weakness is_____: almost all who have worked with him say he is a disciplined, intellectually formidable, and very tough politician.

- A.irreversible
- B.pervasive
- C.specious
- D.rife

- E.exaggerated
- F.unfounded

Section5 Question14

Select the **two** answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole **and** produce completed sentences that are alike in meaning.

Ancient coins displayed in museums are almost by definition_____, on display precisely because they are the most beautiful, the most elaborate, and the best-preserved samples.

- A.diverse
- B.atypical
- C.precious
- D.exceptional
- E.disparate
- F.enigmatic

Section5 Question15

The Menkentown Business Herald dated June 41965 carried an article about four dry cleaners in Menkentown and reported that in 1964 each of them took in a larger proportion of the total dollar amount spent by Menkentown residents at dry cleaners than it had in 1963. Assuming that the article is accurate and that during 1963 and 1964 no Menkentown resident patronized any dry cleaner outside of Menkentown, it follows that_____.

Which of the following most logically completes the argument given?

- A.the average cost of having an article of clothing dry cleaned was higher in 1964 than in 1963
- B.total revenues received by Menkentown's dry cleaners increased between 1963 and 1964
- C.there were more than four dry cleaners in Menkentown in 1963
- D.the total number of dry cleaners in Menkentown increased during 1963
- E.some dry cleaners in Menkentown that were in operation in 1963 were not in operation in 1964

Questions 16 and 17 are based on this passage

In 1644 Descartes described Earth as consisting of a central nucleus of hot primordial fluid surrounded by a solid opaque layer and then succeeding layers of rock, metal, water and air. Geophysicists still subscribe to the notion of a layered Earth. In the

current view, however, Earth possesses a solid inner core and a molten outer core, both consisting of iron-rich alloys at enormous temperatures and pressures, followed, at about 2,900 kilometers below the surface, by a mantle of solid, less dense magnesium-iron silicates; the boundary between the upper and lower mantle lies 670 kilometers below the surface. At 30-50 kilometers below the continental surface (less than 10 kilometers below the seafloor) the Mohorovicic discontinuity marks an additional boundary -that between the mantle and the less dense crust above it.

Section5 Question16

According to the current view, a feature that distinguishes Earth's mantle from its core is that the mantle

- A.contains a significant amount of iron
- B.consists of two distinct layers
- C.is characterized by enormous pressures
- D.is characterized by enormous temperatures
- E.does not have a significant liquid component

Section5 Question17

In the passage, Descartes' description of Earth's interior is presented as

- A.contradicting previous thinking in a way similar to the current theory
- B.having been overlooked when the current theory was being developed
- C.having inspired the creation of the current theory
- D.anticipating certain aspects of the current theory
- E.having certain advantages over the current theory

Question 18 is based on this passage

Gender socialization theory argues that learned gender stereotypes influence workers' preferences for particular job attributes: men acquire the breadwinner role while women acquire the homemaker role, and workers therefore prefer job attributes related to these gender roles. Earlier research provides some support for this theory. From the 1930s to the mid-1980s, studies documented significant differences between men's and women's job attribute preferences: men preferred earnings advancement and job security more than women did, whereas women valued coworker relationships and flexible work hours compatible with family responsibilities.

However, recent research has cast doubt on this explanation. Heckert found that although women rated job conditions such as flexible work hours higher than did men, there were no significant gender differences in workers' attitudes toward pay or factors related to promotions.

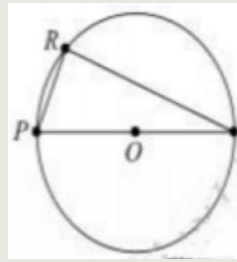
Section5 Question18

The author suggests which of the following about Heckert's research?

- A.It cast doubt on gender socialization theory by undermining the view that gender roles are acquired through social conditioning.
- B.It implies that differences in men's and women's preferences regarding job attributes have widened since the mid-1980s.
- C.Its findings are not evidently explained by gender socialization theory.
- D.Its findings differ from those of earlier studies in a way that can be explained by differences in research design.
- E.Its findings may not accurately reflect changes in the ways that gender socialization affects workers job attribute preferences.



Section6 Question1



The circle has center O and radius x .

Quantity A

The perimeter of triangle PRT

Quantity B

$4x$

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section6 Question2

According to a certain model, the number of residents in City W, in thousands of people, n years from the present will be

$$0.1n^2 + 20n + 1,000$$

Quantity A

The number of residents in City W 10 years from the present, according to the model

Quantity B

1,200,000

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section6 Question3

The median of the distribution of the values of a random variable X is 0.055, and 60 percent of the values of X are less than the mean of the distribution.

Quantity A

The mean of the distribution

Quantity B

0.055

- A.Quantity A is greater.
- B.Quantity B is greater.
- C.The two quantities are equal.
- D.The relationship cannot be determined from the information given.

Section6 Question4

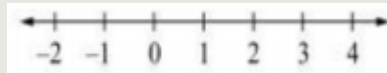
The function f is defined by $f(n) = 3n^2 + 2n + 5$ for all integers n .

Quantity A
The least value of $f(n)$ for all integers n

Quantity B
5

- A. Quantity A is greater.
B. Quantity B is greater.
C. The two quantities are equal.
D. The relationship cannot be determined from the information given.

Section6 Question5



Point Q (not shown) is on the number line between -2 and -1, Point R (not shown) is on the number line between 0 and 1. Point S (not shown) is on the number line between 3 and 4.

Quantity A
QR

Quantity B
RS

- A. Quantity A is greater.
B. Quantity B is greater.
C. The two quantities are equal.
D. The relationship cannot be determined from the information given.

Section6 Question6

N is a two-digit integer. The units digit of N^2 is 9

Quantity A
The units digit of N

Quantity B
6

- A. Quantity A is greater.
B. Quantity B is greater.
C. The two quantities are equal.
D. The relationship cannot be determined from the information given.

Section6 Question7

$a_1, a_2, a_3, \dots, a_n, \dots$

In the sequence shown, $a_1=5$, $a_2=10$, and $a_3=10^5$. Each term after the 2nd is defined by

$a_n = (a_{n-1})^{(a_{n-2})}$ where n is an integer greater than 2.

Quantity A
The number of digits of the 5th term in the sequence

Quantity B
5,000,001

- A. Quantity A is greater.
B. Quantity B is greater.
C. The two quantities are equal.

D.The relationship cannot be determined from the information given.

Section6 Question8

Two water tanks, K and Leach have the shape of a right circular cylinder. The height of tank K is twice the height of tank L, and the radius of tank K is $1\frac{1}{2}$ times the radius of tank L. If the capacity of tank L is 100 cubic meters what is the capacity, in cubic meters, of tank K?

- A.300
- B.450
- C.600
- D.750
- E.900

Section6 Question9

Each of x, y, and z is a number that is less than or equal to 2 and greater than or equal to -3. What is the maximum possible value of xyz?

- A.8
- B.9
- C.12
- D.18
- E.27

Section6 Question10

If $z=x+y$ and x is 2.5 percent of z, where x, y, and z are positive numbers, which of the following is the ratio of y to x?

- A.41 to 1
- B.40 to 1
- C.39 to 1
- D.35 to 1
- E.32 to 1

Section6 Question11

$$R=\{3, 4, 7, 9\}$$

$$T=\{2, 5, 8\}$$

If a number r is to be chosen from set R and a number t is to be chosen from set T, what is the range of all possible values of $\frac{t}{r}$?

- A. $\frac{2}{9}$
- B. $\frac{13}{9}$
- C. $\frac{22}{9}$
- D. $\frac{11}{3}$
- E. $\frac{14}{3}$

Section6 Question12

A certain cash machine contains only \$5 bills and \$10 bills. The total value of the bills in the machine is \$1,525. If $\frac{1}{4}$ of the bills in the machine are \$10 bills, how many \$5 bills are in the machine?

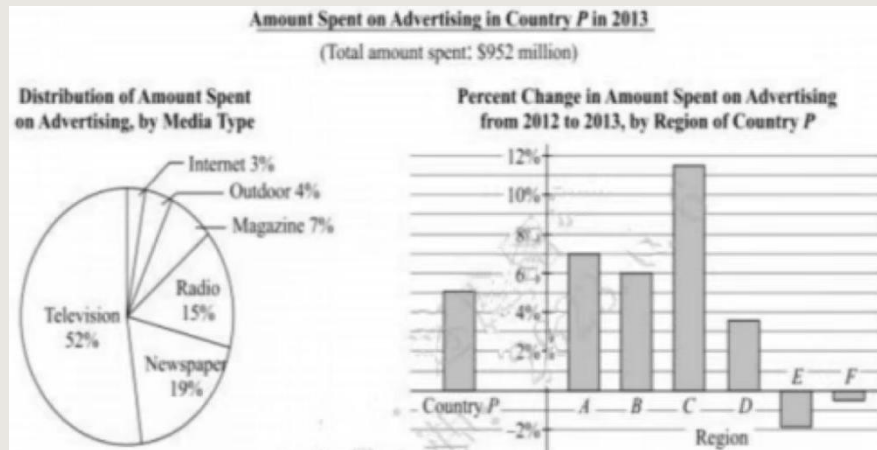
- A.230
- B.224
- C.216
- D.196
- E.183

Section6 Question13

In the rectangular coordinate system, the point (2, -1) is on a circle with center (0, 2). What is the length of a diameter of the circle?

- A.4
- B.4
- C.6
- D. $2\sqrt{5}$
- E. $2\sqrt{13}$

Questions 14 and 16 are based on the following data



Section6 Question14

Of the regions of Country P that had a positive percent change in the amount spent on advertising from 2012 to 2013, which had the least percent change?

- A.A
- B.B
- C.C
- D.D
- E.F

Section6 Question15

For which of the six regions of Country P was the amount spent on advertising in 2012 greater than the amount spent on advertising in 2013?

Indicate all such regions.

- A.A
- B.B
- C.C
- D.D
- E.E
- F.F

Section6 Question16

In Country P the percent spent on outdoor advertising in 2012 was one-half of the corresponding percent spent in 2013. Which of the following is closest to the amount spent on outdoor advertising in Country P in 2012?

- A.\$18 million
- B.\$19 million
- C.\$36 million
- D.\$37 million

E.\$38 million

Section6 Question17

The area of square S is equal to the area of isosceles right triangle T. If the length of each side of square S is 5, what is the length of the hypotenuse of triangle T?

Section6 Question18

A certain spacecraft has 2 separate computer systems, X and Y each of which functions independently of the other. The probabilities that systems X and Y will function correctly at liftoff are 0.90 and 0.99, respectively. What is the probability that at least one system will function correctly at liftoff?

- A.0.891
- B.0.945
- C.0.995
- D.0.999
- E.0.9999

Section6 Question19

In the xy-plane, line k has a positive slope and intersects the line $y=4-x$ at a point with x-coordinate 3. Which of the following values could be the y-intercept of k?

Indicate all such values.

- A.6
- B.4
- C.2
- D.0
- E.-2
- F.-4

Section6 Question20

Of the 29 students in a class, 15 students study French, fewer than 16 students study Spanish, and 5 students study neither French nor Spanish. Which of the following could be the number of students in the class who study both French and Spanish?

Indicate all such numbers.

- A.0
- B.3
- C.5
- D.6
- E.8
- F.9

答案领取方式

扫码关注“GRE 必考题”公众号，后台回复“202306”即可获取机经参考答案。注：答案仅供参考，如果发现答案有疑问，欢迎同学老师加入机经群讨论。



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