

# **GRE 7月机经02**

2023最新真题



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# GRE全程班

# - 课程特色



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模考系统



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趋势预测



# - 课时安排

- GRE系统扫盲课
- ■10课时数学直播
- 附赠6课时作文录播

- 12课时填空直播
- ■12课时阅读直播
- 7天Verbal刷题课

# 课程表

			GRE∉	<b>必考题全程班</b>				
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	
	美东 21:00-21:30	美东 21:00-21:30	美东 21:30-23:30	美东 21:00-23:00	美东 21:00-23:00	美东 21:00-23:00	美东 21:00-23:00	
1 Smooth	美中 20:00-20:30	美中 20:00-20:30	美中 20:30-22:30	美中 20:00-22:00	美中 20:00-22:00	美中 20:00-22:00	美中 20:00-22:00	
上课时间	美西 18:00-18:30	美西 18:00-18:30	美西 18:30-20:30	美西 18:00-20:00	美西 18:00-20:00	美西 18:00-20:00	美西 18:00-20:00	
	国内 9:00-9:30	Second republication ages - Accepted to best a solution - December 1996 to 1996 to		国内 9:00-11:00	国内 9:30-11:30	国内 9:00-11:00	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List1-10	
日期	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	
课程		填空二	数学二	数学三	填空三	作文录播二		
		美东 21:30-23:30	美东 21:00-23:00	美东 21:00-23:00	美东 21:30-23:30	美东 21:00-23:00	休息	
上课时间	单词测试1 + Office Hour	美中 20:30-22:30	美中 20:00-22:00	美中 20:00-22:00	美中 20:30-22:30	美中 20:00-22:00		
工味可問		美西 18:30-20:30	美西 18:00-20:00	美西 18:00-20:00	美西 18:30-20:30	美西 18:00-20:00		
		国内 9:30-11:30	国内 9:00-11:00	国内 9:00-11:00	国内 9:30-11:30	国内 9:00-11:00		
单词课安排	复习List1-10	单词List11-12	单词List13-14	单词List15-16	单词List17-18	单词List19-20	单词List11-20	
日期	Day 14	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	
课程		阅读三	数学四	填空四	阅读四	作文录播三		
	单词测试2 + Office Hour	美东 21:00-23:00	美东 21:00-23:00	美东 21:30-23:30	美东 21:00-23:00	美东 21:00-23:00		
上课时间		美中 20:00-22:00	美中 20:00-22:00	美中 20:30-22:30	美中 20:00-22:00	美中 20:00-22:00	休息	
工器的问		美西 18:00-20:00	美西 18:00-20:00	美西 18:30-20:30	美西 18:00-20:00	美西 18:00-20:00		
		国内 9:00-11:00	国内 9:00-11:00	国内 9:30-11:30	国内 9:00-11:00	国内 9:00-11:00		
单词课安排	复习List11-20	单词List21-22	单词List23-24	单词List25-26	单词List27-28	单词List29-30	单词List21-30	
日期	Day 21	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	
课程		阅读五	填空五	阅读六	填空六	数学五		
	单词测试3 + Office Hour	美东 21:00-23:00	美东 21:30-23:30	美东 21:00-23:00	美东 21:30-23:30	美东 21:00-23:00		
上课时间		美中 20:00-22:00	美中 20:30-22:30	美中 20:00-22:00	美中 20:30-22:30	美中 20:00-22:00	模考训练日	
工程的问		美西 18:00-20:00	美西 18:30-20:30	美西 18:00-20:00	美西 18:30-20:30	美西 18:00-20:00		
		国内 9:00-11:00	国内 9:30-11:30	国内 9:00-11:00	国内 9:30-11:30	国内 9:00-11:00		
单词课安排	复习List21-30	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)	填空刷題 (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篇短文章+2篇中文章 (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篇短文章+1篇中文章+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篇短文章+1篇中文章+1 篇长文章 (不限时)	

# GRE Verbal实战刷题班

为已经掌握方法、备考进入中期阶段的同学们量身定制,在短期内实现实战练习、巩固方法、冲刺出分。

#### 填空

# ● 660道填空

# ■ 24套单项模考

- 60+小时视频详解

# 数学

- 850道数学
- 60+小时视频详解
- 101篇阅读+模考
- 60道逻辑单题
- 60+小时视频详解



# GRE机经使用说明(必读)

GRE考试换题库频率较高,做周期内的题目最能了解当前考试趋势,也有一定几率遇到原题。 GRE必考题 教研组定期将最新考场回忆整理为完整套题,用于模考,为同学们还原最真实的考试体验。考前冲刺必做!



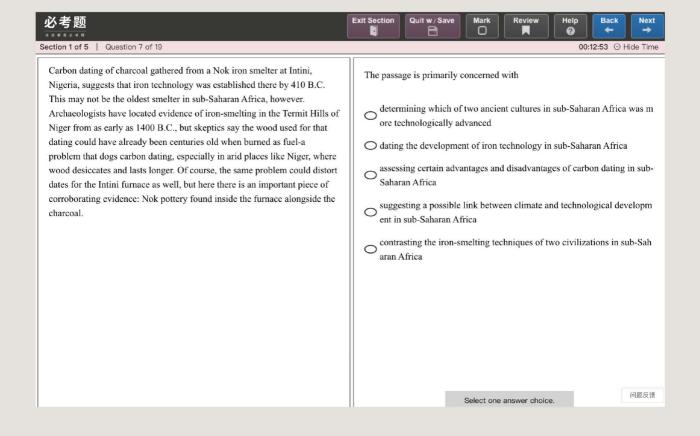
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#### **Section1 Ouestion1**

Universities should require every student to take a variety of courses outside the student's field of study.

Write a response in which you discuss the extent to which you agree or disagree with the claim. In developing and supporting your position, be sure to address the most compelling reasons and/or examples that could be used to challenge your position.

#### **Section1 Question2**

The following appeared in a memo to the board of directors of Bargain Brand Cereals "One year ago we introduced our first product, Bargain Brand breakfast cereal. Our very low prices quickly drew many customers away from the top-selling cereal companies. Although the companies producing the top brands have since tried to compete with us by lowering their prices and although several plan to introduce their own budget brands not once have we needed to raise our prices to continue making a profit Given our success in selling cereal,we recommend that Bargain Brand now expand its business and begin marketing other low-priced food products as quickly as possible.

Write a response in which you discuss what questions would need to be answered in order to decide whether the recommendation and the argument on which it is based are reasonable. Be sure to explain how the answers to these questions would help to evaluate the recommendation.



#### **Section2 Question1**

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

The sand paintings that McCall created-a synthesis of painting, sculpture, and photography-were meant to be\_\_\_\_\_\_, preserved only in the memories of witnesses.

A) archetypal
B) incendiary
C) ephemeral
D) naturalistic
E) dazzling

#### **Section2 Question2**

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

Saturn's rings seem\_\_\_\_\_, but it now appears that several decades ago, the shape of the innermost rings was altered by a mysterious event that all our telescopes and spacecraft failed to detect.

A) immutable
B) fragmentary
C) luminous
D) unique
E) concentric

# **Section2 Question3**

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

Hubbert's 1956 prediction that peak oil output in the United States would occur in or around 1970 was met with little (i)\_\_\_\_\_at the time, but daily output did peak in 1970, and since then Hubbert's calculations have been viewed as extraordinarily (ii)\_\_\_\_.

Blank (i)

A) bewilderment

B) disbelief

C) acceptance

Blank (ii)

D) conservative

E) audacious

F) farsighted



#### **Section2 Ouestion4**

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

It can be (i)\_\_\_\_\_\_to read Margaret Fuller's travel writing, as she produced accounts of her travel that (ii)\_\_\_\_\_\_conventions of bourgeois travel narrative, often capitulating to the most well-worn clichés of the genre at precisely the moments when she sought most energetically to cast them off in favor of some new, more passionate mode of discernment.

Blank (i)	Blank (ii)		
A) frustrating	D) challenged		
B) enlightening	E) conformed to		
C) exciting	F) established		

#### **Section2 Question5**

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

Often, developing new methods for scientific research demands a willingness to reach across disciplinary boundaries something that is notoriously difficult to carry out. Therefore, even though interdisciplinarity is often proclaimed to be (i)\_\_\_\_\_there are many structural reasons why it remains (ii)\_\_\_\_\_.

Blank (i)	Blank (ii)		
A) a laudable goal	D) feasible		
B) an uncertain enterprise	E) admirable		
C) a formidable undertaking	F) exceptional		

#### **Section2 Question6**

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

When facial-identification software on social media platforms performs well it does so because of (i)\_\_\_\_\_: people usually post photographs of friends, and this (ii)\_\_\_\_ the range of possible matches, and the image quality is usually quite high which (iii)\_\_ the need to identify grainy images at bad angles.



Blank (i)	Blank (ii)	Blank (iii)
A) particular	D) nomovia	G) benefits
advantages	D) narrows	from
B) innovative programming	E) dispenses with	H) creates
C) mere chance	F) emphasizes	I) lessens

# Questions 7 and 8 are based on this passage

The highly dispersed nature of Panzaleo pottery throughout present-day Ecuador has led archaeologists to speculate about the pottery's origins and significance. Jijón y Caamaño attributed the potterys distribution to trade and based on the large quantities of pottery recovered in the Ambato-Latacunga region of the central Ecuadorian highlands, he proposed that region as the probable locus of production. However Porras suggests that inhabitants of the subtropical eastern Andean slopes or montañawere the original producers of Panzaleo. Porras theory involves the forced migration of the montaña population from their homeland in the Quijos River valley into the Ecuadorian highlands. The gradual exodus and ensuing dispersal of the makers of this ware could account for the diffuse distribution of the materials.

#### **Section2 Question7**

The passage cites evidence supporting which of the following hypotheses?

A.Jijon y Caamaño's hypothesis about the relationship between trade and the distribution of Panzaleo pottery

B.Jijon y Caamaño's hypothesis about the probable locus of Panzaleo pottery production

C.Porras' hypothesis about who the original producers of Panzaleo pottery were

D.Porras' hypothesis about the forced migration of certain peoples

E.Porras hypothesis about the dispersal of the original makers of Panzaleo pottery

#### **Section2 Question8**

It can be inferred from the passage that Jijon y Caamaño would probably agree with which of the following statements about the distribution of Panzaleo pottery throughout Ecuador?

A.This distribution is not primarily the result of the relocation of the original makers of the pottery.

B. This distribution originally took place over a relatively short period of time.

C.This distribution could not have occurred without the forced migration of certain peoples.

D. This distribution was largely limited to the Ambato Latacunga region.



E.This distribution indicates that the Ambato-Latacunga region was known primarily as a trading center.

# Questions 9 and 11 are based on this passage

The evolutionary battle between farmers and the pests that attack their crops began during the earliest days of agriculture, when farmers selected the healthiest plants from one season as the source of seed for the next making it more likely that each generation would produce more of the repellents and toxins needed to fend off pests. But the pests represented a moving target. As a result, pest populations evolved characteristics and behaviors that enabled them to resist such toxins and repellents. In recent years, this conflict has escalated sharply, as modern farmers not only rely on old methods of dealing with pests but also develop new ones, and the resulting pressure on pests to adapt thereby increases. For this reason, many of the shorter term triumphs by farmers have carried within them the seeds of longer-term failure.

Some years ago, for example, geneticists theorized that one way to control caterpillars would be to incorporate into crop plants genes that stimulated the production of caterpillar toxins derived from a species of bacteria, Bacillus thuringiensis, or Bt. Since this bacterium and the caterpillars had both been around for millions of years, geneticists assumed that if the caterpillars had the genetic potential to develop resistance to the toxins, they would have done so. What the geneticists overlooked was the fact that in natural environments, outbreaks of this bacterium were extremely rare, so the pressure on the caterpillar to adapt to the toxins was quite low in nature. The caterpillars' genetic potential may never have had occasion to prominently display itself Indeed this point was borne out when some caterpillar populations developed significant resistance to these bacterial toxins as a result of farmers' unusually heavy reliance on them for controlling caterpillars.

Food deprivation appears to offer another effective approach to pest control. Farmers alternate planting of an insect's normal host plant with a plant that it cannot feed on, and the pest dies of starvation. But some insects have even begun to adapt to this normally quite effective strategy. During the 1980s, farmers in South Dakota reported experiencing trouble with the northern corn rootworm, despite the fact that they were routinely rotating corn and soybean crops. Scientists discovered that the rootworm had in fact adapted to this strategy. In large areas of the Midwest, where corn is grown every year, the corn rootworms produce eggs that remain in the soil for one winter and then hatch and feed on young corn roots in the following spring. In areas where farmers rotated corn with other crops that the rootworm could not eat, about 40 percent of the rootworm eggs were remaining in diapausea rest state, for a second winter. This part of the rootworm population now exhibited a diapause that was synchronized to the rotation of the corn crop.

#### **Section2 Ouestion9**

The passage is primarily concerned with



A.outlining the assumptions underlying an incorrect theory about the evolution of pests

B.discussing the use of bacteria to control certain kinds of agricultural pests C.countering a claim regarding the nature of a seemingly intractable pest control problem

D.evaluating some innovative proposals for overcoming pest control problems E.explaining why farmers have been unable to overcome a continuing pest control problem

#### **Section2 Ouestion10**

It can be inferred from the passage that if a farmer rotated corn and soybeans in order to eliminate a pest that preyed on corn crops, the strategy would be likely to fail if the pest evolved a

A.resistance to Bt toxin

B.resistance to toxins released by corn plants

C.more rapid method of feeding on corn plants

D.capacity to feed on soybean plants as well as on corn plants

E.diapause that extended for only one winter rather than two

#### **Section2 Ouestion11**

According to the author, the strategy of rotating crops to eliminate pests has been

A.effective in many instances

B.used since the earliest days of agriculture

C.less effective than genetic manipulation of plants

D.most popular in the midwestern United States

E.less effective against the northern corn rootworm than against caterpillars

#### **Section2 Question12**

In 1995 most new cars priced below \$10.000 were sold to young people buying their first factory-new car. Parents buying a car for a son or a daughter were the second-largest group of buyers. In 1995 every factory new car priced below \$10.000 was a subcompactcar Primarily because parents who buy subcompacts for a son or a daughter are highly safety-consciousall factory-new subcompact cars available in 1995 came with air bags for both front seats.

If the information provided is true, which of the following must also be true about 1995 on the basis of it?

A.Most factory-new subcompact cars were priced below \$10,000.

B.Most parents buying a car for a son or a daughter purchased a factory new subcompact car.



C.No parents buying a car for a son or a daughter purchased a factory-new car that did not come with air bags for both front seats.

D.Some young people who bought their first factory-new car bought a car that came with air bags for both front seats.

E.More new cars were purchased by young people buying their first factory-new car than by parents buying a car for a son or a daughter.

# **Section2 Question13**

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

A cure	for the	common	cold has	s been so	elusive	that it l	has becom	e a modern	symbol
of	<u>_</u> .								
A.dang	er								

B.futility

C.unease

D.pointlessness

E.sloth

F.apathy

# **Section2 Question14**

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

Atmospheric geoengineering such as whitening clouds to cool Earth by reflecting more sunlight, is not an alternative to reducing carbon emissions, but it might\_\_\_\_the beneficial effects of such a reduction.

A.anticipate

B.forestall

C.engender

D.reinforce

E.duplicate

F.complement

#### **Section2 Question15**



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

Enlightened thinkers in late-eighteenth-century Europe broadly endorsed the concept of progress, yet theories of progress were usually\_\_\_\_\_a strong streak of pessimism, a sense of the challenges inherent in the human condition.

A.rooted in

B.requisite for

C.essential for

D.contradicted by

E.tempered by

F.moderated by

# **Section2 Question16**

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

Picasso's habit of keeping every last scrap of paper was not entirely a good thing:he left so much of it that his own archives can seem to \_\_\_\_\_ any view of the man.

A.corroborate

B.reflect

C.elucidate

D.inspire

E.confirm

F.illuminate

#### Questions 17 and 18 are based on this passage

In seventeenth-century Venice, the invention of the opera house as a public institution altered the relationship of the audience to the operatic performance on the stage and to each other. The stage performance was now separated from the audience both by the proscenium arch, which framed the action and by the orchestra. The occupants of the boxes faced one another across the auditorum as well as the stage. Seeing and being seen was as much a function of the opera house as seeing and hearing what took place on the stage American visitors to italy were routinely shocked at the casual ways of the boxholders and at the little attention they seemed to pay to the opera. There was incessant talk in the boxesbanging of doors, a restless to-and-fro Public display was only half the story. The public nature of Venices social life was balanced by a passion for disguise. Much of its political activity was conducted in secrecy. Masks were



usually wor during carnival attracting the crowned heads of Europe who could play there incognito. The Venetian opera box was the equivalent of the maskWith its door shutwith shutters pulled across the front the box became a place of privacy, an association that still exists in our time.

# **Section2 Question17**

The primary purpose of the passage is to

A.criticize the behavior of members of a group
B.analyze the architectural variations in a building style
C.contrast the activities of two different cultures
D.describe the social implications of a space
E.enumerate some of the benefits of privacy

# **Section2 Question18**

# Consider each of the choices separately and select all that apply,

According to the passage, the boxes of public opera houses served to create privacy for their occupants frame the opera's action for the audience advertise the presence of their occupants



# **Section3 Question1**

In a fruit basket containing apples, pears, and oranges, the ratio of the number of apples to the number of pears is 3 to 4, and the ratio of the number of pears to the number of oranges is 5 to 3.

Quantity A

Quantity B

The number of apples in the fruit basket 
The number of oranges in the fruit basket

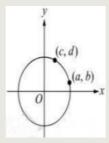
A.Quantity A is greater.

B.Quantity B is greater.

C.The two quantities are equal.

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

# **Section3 Question2**



In the rectangular coordinate system, O is the center of the circle and (a, b) and (c, d) are on the circle.

Quantity A 
$$a^2+b^2$$

 $\frac{\text{Quantity B}}{c^2+d^2}$ 

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.

# **Section3 Question3**

$$a>0$$

$$x>1$$

$$\underbrace{\text{Quantity A}}_{a+b}$$

$$\underbrace{a+b}_{x}$$

$$a+\frac{b}{x}$$

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.

# **Section3 Question4**



# Quantity A

Quantity B

The remainder when 11999.999 is divided by 12

11

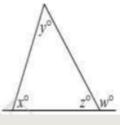
A.Quantity A is greater.

B.Quantity B is greater.

C.The two quantities are equal.

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

# **Section3 Question5**



y+z=110

Quantity A w Quantity B 110

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.

#### **Section3 Question6**

$$\sqrt{y^2} = 8$$
Quantity B

Quantity A

3<sup>2y</sup>

3<sup>-2y</sup>

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.

# **Section3 Question7**

At a certain restaurant the cost of an adult meal is \$12.75 without tax, and the cost of a child meal is \$7.25 without tax. For each meal, the restaurant charges a tax that is a fixed percent of the cost. The total cost, including tax, for 3 adult meals and 3 child meals at the restaurant is \$63.90. To the nearest \$0.01, what is the total cost, including tax, for 2 adult meals and 4 child meals?

A.\$55.43



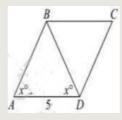
B.\$56.63

C.\$58.04

D.\$59.62

E.\$62.89

#### **Section3 Question8**



The perimeter of triangle ABD is 13. What is the perimeter of parallelogram ABCD?

A.17

B.18

C.20

D.22

E.26

#### **Section3 Question9**

Digit x is an integer between 1 and 8 inclusive and y=x+1. If the 3-digit integer with hundreds digit x, tens digit y, and units digit 4 were subtracted from the 3-digit integer with hundreds digit y, tens digit x and units digit 4 the result would be equal to

A.4

B.10

C.90

D.180x

E.110x+110

#### **Section3 Ouestion10**

Of the 83 members of a certain club, 48 members enjoy boating and 33 members enjoy fishing. If all except 10 of the members of the club enjoy boating or fishing or both, how many members enjoy boating but not fishing?

A.15

B.25

C.38

D.40

E.48

# **Section3 Question11**



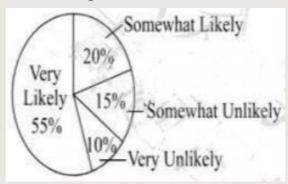
In a certain sequence, each term after the 1st term is 5 greater than the preceding term. If the 4th term of the sequence is 18, what is the 25th term of the sequence?

# Questions 12 and 14 are based on the following data

In a survey, 2,400 homeowners responded to the following question.

Question 1. How likely is it that you will continue to live in your current home for at least ten more years?

# **Responses to Question 1**



The homeowners who responded "very likely" or "somewhat likely" to Question I were asked Question 2.

Question 2. What aspects of your current home make it likely that you will continue to live there? (Select all that apply.)

Responses to Question 2 as a Percent of Those Who Were Asked Ouestion 2

Response	Percent
House is in a good location.	46%
House is attractive.	43%
House is comfortable.	38%
House is in good condition.	31%
House has no mortgage.	25%

#### **Section3 Question12**

How many of the homeowners responded "very likely" to Question 1?

\_\_\_\_\_homeowners

### **Section3 Question13**

Approximately what percent of the homeowners in the survey responded "very likely" or "somewhat likely" to Question 1 and then responded "house has no mortgage" to Question 2?

A.15%

B.20%

C.25%



D.30%

E.40%

#### **Section3 Question14**

A certain tank is half full of gasoline. If 6 gallons of gasoline were now added to the tank, the tank would then be  $\frac{7}{8}$  full. How many gallons of gasoline can the tank hold?

\_\_\_\_gallons

#### **Section3 Question15**

If m is the median of fifteen consecutive even integers, then the greatest of these fifteen integers is

A.m+12

B.m+14

C.m+16

D.2(m+5)

E.2(m+7)

# **Section3 Question16**

A student is to be selected at random from a certain class. The probability that the student will be a female is p, the probability that the student will be under the age of 19 is rand the probability that the student will be a female and under the age of 19 is 0.3. Which of the following could be the values of p and r? Indicate all such values.

A.p=0.1 and r=0.1

B.p=0.2 and r=0.6

C.p=0.5 and r=0.9

D.p=0.6 and r=0.5

E.p=1.0 and r=0.3



#### **Section4 Question1**

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

Meteorologists often make no strict distinction between sand and dust storms, events during which winds raise minute land-based particles into the atmosphere, since every storm contains\_\_\_\_\_\_particles.

A) scattered
B) diverse
C) dangerous
D) airborne
E) mineral

# **Section4 Question2**

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

Ideally, a citizens' assembly selected by lottery acts as\_\_\_\_\_society: its participants are representatives of the population, and thus its deliberations would simulate the consideration of issues from the population's full range of viewpoints.

A) an organ of
B) an adjunct to
C) a microcosm of
D) a check on
E) an alternative to

#### **Section4 Ouestion3**

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

According to an expert on Viking archaeology, the (i) of artifacts is often (ii) for example a grave filled with a warrior's weapons at a Swedish site was long assumed to be a man's final resting place until DNA evidence proved it was that of a woman.

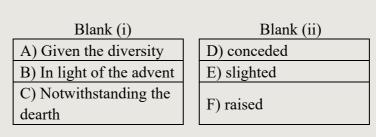


D) digaayawa	E) unaffected by
B) discovery	technology
	F) dependent on
C) interpretation	serendipity

#### **Section4 Ouestion4**

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

(i) of scholarship on Black utopianism, it is still somewhat surprising that
critics have (ii)the possibility that Toni Morrison's Paradise should be
understood as belonging to the genre of utopian literature, especially given the
utopian desire the novel clearly harbors.



# **Section4 Question5**

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

Almost all properties of the ocean vary in some way (i)\_\_\_\_\_. For example, light penetration is (ii)\_\_\_\_\_absorption and scattering, so the ocean has a relatively bright upper zone and a lower lightless one, with a more or less well-defined twilight region in between.

Blank (i)	Blank (ii)
A) over time	D) enhanced by
B) at random	E) measured through
C) with depth	F) attenuated by

### **Section4 Question6**

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

Although "sustainable development" is part of the title of his book, Hall does not completely (i) \_\_\_\_\_ this widely used term because, he claims, it is a (ii) \_\_\_\_\_. He



maintains that economic development or growth cannot be indefinitely sustained because there are (iii) the resources of all countries.

Blank (i)	Blank (ii)	Blank (iii)
A) embrace	D) contradiction	G) obvious
	b) contradiction	synergies among
		H) noticeable
B) overlook	E) superfluity	differences
		among
C) criticize F) cure-a	E) cure all	I) inherent limits
	1') cure-all	to

# Questions 7 and 8 are based on this passage

The **growing participation of diverse people** in mermaiding [the practice of wearing a costume mermaid tail] has blurred lines of normative heterosexuality, race and physical difference. Yet gender still defines representations of merpeople in obvious ways. Merpeople are generally gendered as female, with mermen under-represented in commercial and artistic circles. But there are small changes under way, and major companies are beginning to appreciate mermen as tangible counterparts to mermaids. In 2018, for example an established toy company finally released a merman doll as part of their line of mermaid dolls. However while the mermaid dolls represented a variety of skin colors and body sizes, their male counterpart was only available as a slim, white merman with platinum blond hair blue eyes, and six-pack abs.

#### **Section4 Question7**

According to the passage, the "growing participation of diverse people" has had the effect of

A.skewing representations of merpeople toward images of nongendered beings B.creating a thriving market for dolls of merpeople representing various genders C.challenging traditional ways in which merpeople have been imagined D.helping to resolve debates about race in depictions of merpeople E.popularizing increasingly realistic embodiments of Merpeople

#### **Section4 Question8**

The passage is structured to lead to which of the following as a conclusion about how merpeople are represented?

A.Differences in the ways that mermaids and mermen are represented are likely to become more pronounced as mermaiding becomes increasingly popular.

B.Ultimately, the responsibility for increasing the visibility of mermen lies with individual artists rather than with toy companies.



C.Paradoxically, depictions of merpeople are becoming more narrowly traditional as increasingly diverse individuals are drawn to mermaiding

D.Even if more men were to participate in mermaiding it is unlikely that depictions of mermen in commercial and artistic circles would become more diverse.

E.Although toy companies are making progress toward diversifying their depictions of merpeopletheir offerings are still constrained by gender and racial conventions.

# Questions 9 and 12 are based on this passage

This passage is excerpted from material published in 2013.

Analyses of gas bubbles trapped in ice cores from Greenland and the Antarctictiny samples of air from the past-show unequivocally that during the Pleistocene Epoch, which lasted approximately two and a half million years and included several ice ages, the atmosphere had high concentrations of greenhouse gases during interglacial warm periods and low concentrations during cold intervals. Until recently, researchers believed that the high concentrations during the interglacials were an effect of the increasing temperatures, not the cause. This conclusion was drawn from detailed studies of Antarctic ice cores, which showed that as the Earth warmed into the interglacials, rising temperatures (measured via isotopic proxies in the ice) slightly preceded the greenhouse gas increases (measured directly in gas bubbles from the same ice cores). The time difference was small, and the results were crucially dependent on accurate dating of the ice cores. But the data seemed robust and the conclusion inescapable. Although higher carbon dioxide levels would have **enhanced** the warming something else must have been the primary forcing factor.

However, recent work by an **international group of climatologists** (Shakun et al.), published in the journal Nature, has challenged that conclusion. These scientists realized that temperature data from the Antarctic ice cores reflect only local temperatures whereas greenhouse gas results from the same cores provide information for the Earth as a whole because gases in the atmosphere are well mixed globally. The researchers wanted to find out what the story would be if they compared the greenhouse gas results with temperature data that were also averaged globally.

In their study Shakun and his colleagues examined temperature information from a globally distributed set of eighty different natural records, mostly ice and sediment cores, through the period from the onset of the most recent deglaciation to the point when the Earth's climate reached approximately its present state (roughly the interval between twenty thousand and eleven thousand years ago). The data show that throughout most of that interval, increasing global average temperatures lagged increasing carbon dioxide concentrations by several hundred years. Surface temperatures averaged for the Earth as a whole evidently changed on a different timescale from those at the sites of the Antarctic ice cores. The authors concluded that greenhouse gases, particularly carbon dioxide, were the primary cause of the global warming and melting of the glaciers.



#### **Section4 Question9**

The international group of climatologists mentioned in the passage would most likely agree that in comparison with increases in global greenhouse gas levels during the Pleistocene, increases in temperatures around the globe

A.were more likely to recur in predictable chronological patterns

B.occurred at a faster rate in interglacial warm periods

C.occurred slightly earlier in locations where ice cores had not previously been sampled

D.more likely occurred as a result of an unknown factor

E.left less ubiquitous traces in a range of ice cores covering the same time span

# **Section4 Question10**

Replacement of the word "enhanced" with which of the following would result in the <u>least</u> change in meaning for the passage?

A.incited

B.heightened

C.improved

D.consolidated

E.ameliorated

#### **Section4 Question11**

The author of the passage mentions the "set of eighty different natural records" primarily in order to

A.imply that Shakun et al. used an unreliable estimate of global temperatures B.imply that the research performed by Shakun et al. was more labor-intensive than previous research

C.suggest that Shakun et al. gathered more data than was necessary

D.describe the method used by Shakun et al. to determine global temperatures

E.suggest the wide range of global temperatures during the Pleistocene

#### **Section4 Question12**

# Consider each of the choices separately and select all that apply.

As described in the passage, the argument of Shakun et al. is vulnerable to criticism on which of the following grounds?

A.It accepts that greenhouse gas data from Antarctic ice cores reflect global results, even though temperature data from Antarctic ice cores do not.



B.Its temperature data may have been gathered from an unrepresentative set of global sites.

C.It relies on data from a single, possibly atypical period of warming, rather than multiple cycles of warming and cooling

#### **Section4 Question13**

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

To accommodate thenature of clouds, pioneering meteorologist Luke Howard
added compound nomencature to his cloud classification system as a way of marking
the regular transitions that occur among the three main cloud types.
A.unusual
B.essential Section 1985
C.solitary
D.unstable

# **Section4 Question14**

E.dynamic F.scattered

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

Audiences in Edo, Japan, knew that no work appearing on the Kabuki stage was
ever: if a Kabuki play outlived its first production, it would inevitably be
reworked in subsequent performances.

A.revised

B.singular

C.original

D.fixed

E.final

F.recorded

# **Section4 Question15**



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

In the academic world, the peer-review process and editorial deliberations are
largely, with only brief traces of these discussions appearing in
acknowledgement sections or the occasional footnote that mentions a reviewer's
critique.

A.protracted

**B.**contentious

C.adversarial

D.inconclusive

E.invisible

F.concealed

#### **Section4 Ouestion16**

Over the past five years, many trees in Maronia have suffered an abnormal loss of leaves. During that time the acidity of rainwater there has increased. Acid rain can cause tree defoliation by adding nitrates to the soil while removing calcium. Although tests show that trees in Maronia have suffered defoliation only in soil high in nitrates, it cannot be concluded that acid rain is a major cause of the defoliation, since\_\_\_\_\_.

Which of the following most logically completes the argument?

A.acid rain is a result of air pollution, and five years ago Maronia's government introduced strict new measures to curb air pollution

B.many of the areas in which trees have suffered defoliation have experienced increased rainfall in the past five years

C.none of the fertilizers used by farmers in Maronia contain any nitrates
D.most of the trees that have suffered defoliation are in soil that contains normal levels of calcium

E.different tree species have suffered significantly different degrees of defoliation

#### Questions 17 and 19 are based on this passage

In 1970 Robert Carneiro published his famous article in Science on "A Theory of the Origin of the State." It proposed that the emergence of complex forms of social organization was due to the effect of environmental circumscription resulting from a lack of farmland. Under this situation, increasing population exceeded local "carrying capacity" and caused stress on production in these areas. The pressure on resources and their proper handling resulted in the emergence of the first complex forms of social organization. Later, Patterson was the first to apply Carneiro's model for the Central Andean region. Following this perspective Moseley emphasized Patterson's



argument that population pressure (instead of the climatic causes proposed by Lanning) caused the depletion of the lomas resources [lomas are isolated, oasis-like pockets of vegetation sprinkled throughout the Peruvian coastal desert.Loss of lomas in turn forced people to seek more stable sources of supply ones which demanded a minimum investment of time and effort. In his view the abundance of marine resources led to the transition from lomas exploitation to an economy based on fishing specialization. Thus, the growing coastal population could find a steady source of subsistence products. The abundance of resources allowed the development of the first surplus production and thereby the emergence of political leaders, the construction of **monumental architecture**, and so on.

#### **Section4 Ouestion17**

The primary purpose of the passage is to

A.provide a context for understanding a particular view of a region's social development

B.present a hypothesis about the chronology of demographic changes within a region C.contrast differing explanations of significant changes in a population's subsistence patterns

D.support a claim about the ways in which climate shifts can affect human activity E.suggest that the development of social complexity in a particular region may have been atypical

# **Section4 Question18**

It can be inferred that Carneiro and Moseley

A.disagreed with earlier researchers about the extent to which the Central Andean region's people originally depended on lomas

B.regarded a lack of farmland as one of the factors leading to the development of social complexity in the Central Andes

C.considered Patterson's view about how societies develop to be useful in general though in need of qualification

D.presented the Central Andean region as a prototype for understanding the relationship between environment and social organization

E.ascribed the development of social complexity to an alteration in the relationship between an areas population size and its food resources

#### **Section4 Question19**

The author mentions "monumental architecture" primarily to

A.identify a potential factor that contributed to the abundance of Central Andean resources



B.undermine the prevailing explanation of how social complexity emerged in the Central Andes

C.note a development that was unique to the Central Andean region D.cite a phenomenon made possible by surplus food production E.contrast two different manifestations of social complexity



# **Section5 Question1**

x and s are positive.

Quantity A Quantity B

The amount of money invested for 
The amount of money invested for

one year at  $\frac{x}{2}$  percent simple annual one year at x percent simple annual

interest that will earn 2s dollars in interest that will earns dollars in

interest in that year interest in that year

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.

# **Section5 Question2**

-1 < n < 0

Quantity A quantity B n<sup>5</sup> n<sup>7</sup>

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.

#### **Section5 Ouestion3**

n is an integer greater than 2.

List L: 2, n, n, n

List M: 2, 2, 2, n

Quantity A Quantity B

The standard deviation of the numbers in list L in list M

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.

#### **Section5 Question4**

n is an integer greater than 1.

Quantity A Quantity B

The number of positive divisors of 2n Twice the number of positive divisors of n



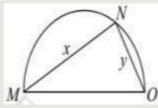
A.Quantity A is greater.

B.Quantity B is greater.

C.The two quantities are equal.

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

# **Section5 Question5**



ΔMNO is inscribed in semicircle MNO with radius r.

 $\frac{\text{Quantity A}}{x^2+v^2}$ 

Quantity B  $4r^2$ 

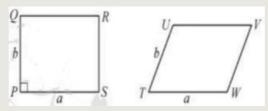
A.Quantity A is greater.

B.Quantity B is greater.

C.The two quantities are equal.

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

#### **Section5 Question6**



PQRS is a rectangle and TUVW is a parallelogram, with side lengths as indicated. The measure of angle UTW is less than 90 degrees.

Quantity A
The area of region PQRS

 $\frac{Quantity\;B}{\text{The area of region TUVW}}$ 

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.

#### **Section5 Question7**

List P consists of the integers from 80 to 100, inclusive.

Quantity A

Quantity B

The fraction of integers in list P that are prime

 $\frac{1}{7}$ 

A.Quantity A is greater.

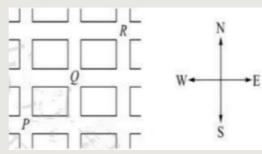


B.Quantity B is greater.

C.The two quantities are equal.

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

#### **Section5 Question8**



Each morning Betty walks from intersection P to intersection R, always walking along

streets shown in the figure above and always going east or north. If she varies her walks as much as possible, taking every different path in turn before repeating the sequence of paths, on how many mornings in 48 consecutive mornings will Betty walk through intersection Q?

A.27

B.28

C.30

D.32

E.36

#### **Section5 Question9**

A certain trunk contains only 6 blankets and 3 pillows. The weight of each blanket is exactly 3 times the weight of each pillow. The trunk alone weighs the same as all the blankets and pillows combined. The weight of the 3 pillows is what fraction of the total weight of the trunk and its contents?

A.  $\frac{1}{14}$ 

 $\mathbf{B}.\frac{1}{6}$ 

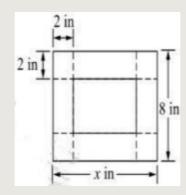
 $C.\frac{1}{4}$ 

 $D.\frac{1}{3}$ 

 $E.\frac{1}{2}$ 



# **Section5 Question10**



The thin rectangular sheet of metal shown in the figure is 8 inches wide and x inches long. An open box is to be made by cutting a 2-inch square from each corner of the sheet of metal and then folding up the sides. If the volume of the box is to be 48 cubic inches, what is the value of x?

A.6

B.8

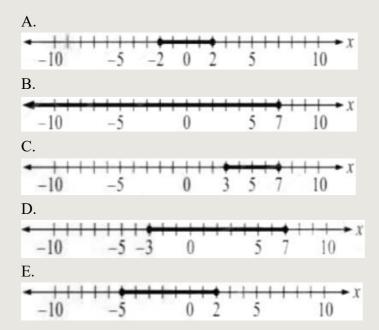
C.10

D.12

E.14

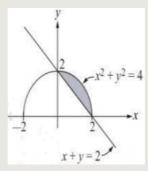
# **Section5 Question11**

Which of the following is the graph of  $|x-5| \le 2$ ?



# **Section5 Question12**





The figure shows a semicircle intersected by a line in the rectangular coordinate system. What is the area of the shaded region?

 $A.\pi-2$ 

Β.π-4

 $C.4\pi-2$ 

 $D.4\pi-4$ 

 $E.16\pi-2$ 

# **Section5 Question13**

The variables x and y are related by a linear equation. If y increases by 4 whenever x increases by 1, which of the following equations could represent the relationship between x and y?

Indicate <u>all</u> such equations.

A.y=4x

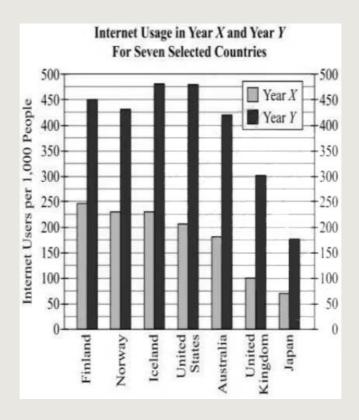
B.y=x-4

C.y=8x+4

D.y=4(x-5)

Questions 14 and 16 are based on the following data





# **Section5 Question14**

If the population of the United Kingdom was 60 million in year X, which of the following is closest to the total number of Internet users in the United Kingdom in year X?

A.0.6 million

B.1 million

C.6 million

D.10 million

E.16 million

#### **Section5 Question15**

In year X, for how many of the countries shown was the number of Internet users greater than 15 percent of the population of that country?

A.None

**B.**Four

C.Five

D.Six

E.Seven

#### **Section5 Question16**



In year Y, the ratio of the number of Internet users per 1,000 people in Finland to the number of Internet users per 1,000 people in Japan was closest to which of the following?

A.2 to 1

B.3 to 2

C.4 to 1

D.4 to 3

E.5 to 2

# **Section5 Question17**

The range of the seven integers in a list is 12, and all of the integers are different. If the median of the seven integers is 86, what is the least possible integer in the list?

#### **Section5 Question18**

If n is an integer, what is the least possible value of  $3^{n}+(3)(3^{-n})$ ?

A.1

B.2

C.3

D.3 $\frac{1}{3}$ 

E.4

#### **Section5 Question19**

B is a positive integer and A is 125 greater than B. Which of the following statements must be true?

Indicate all such statements.

A.A is odd.

B.B is even.

C.A+B is odd.

D.A-B is even.

E.AB is even.

#### **Section5 Question20**

Which of the following values of x satisfies the equation  $\frac{x}{2} = n!$  for some positive

integer n?

A.160

B.360



C.580

D.720

E.1,440



#### **Section6 Question1**

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

The notion that the universe is \_\_\_\_\_ goes back at least to 1006 A.D. when Chinese astronomers noted a "guest star" that became visible to the naked eye for a few weeks before fading away.

A) monolithic
B) benign
C) orderly
D) changeable
E) infinite

#### **Section6 Question2**

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

Natural selection has favored some instinctive reactions of organisms over others so only those that promote survival and reproduction have become established, but instinctive responses need not be\_\_\_\_\_: they may adjust over time.

A) determinative
B) immutable
C) heritable
D) reflexive
E) idiosyncratic

#### **Section6 Ouestion3**

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

The fanciful notion that the legislative initiative would bring unlimited social benefits has soured into an equally \_\_\_\_\_mood of skepticism and distrust.

A) valid
B) pessimistic
C) unanticipated
D) pragmatic



E) baseless

# **Section6 Question4**

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

In light of Elizabeth's habitually (i) \_\_\_\_\_nature, her friends were quite surprised by her (ii) \_\_\_\_\_at the convention.

Blank (i)	Blank (ii)
A) ingenuous	D) garrulity
B) laconic	E) ostentatiousness
C) intractable	F) tenacity

#### **Section6 Ouestion5**

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

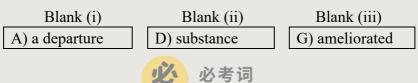
Regardless of the putative decline of (i) \_\_\_\_\_in contemporary culture, such (ii) remains essential to civil discourse. It allows people to avoid embarrassing or maligning an adversary, and it serves as a form of irony that draws attention to a problem that can scarcely be exaggerated.

Blank (i)	Blank (ii)
A) partisanship	D) restraint
B) originality	E) inventiveness
C) understatement	F) objectivity

#### **Section6 Question6**

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

Our contemporary preference for natural expression over artifice is (i) \_\_\_\_\_\_the traditional Western view that the skill with which you expressed a position corresponded closely to the credibility of your argument. Rhetorical styles might vary, but style itself was never a matter of (ii) \_\_\_\_\_\_. And "style" was not just a well-turned sentence poor expression, it was believed (iii) \_\_\_\_\_\_ poor thought.



from		
B) a reflection on	E) indifference	H) elevated
C) an endorsement of	F) intention	I) betrayed

#### Questions 7 and 8 are based on this passage

Job evaluation systems which assign point values to various jobs to reflect their complexity and set wages accordingly, were widely adopted by United States manufacturing firms in the 1940s. Companies argued that this assured equal pay for equal work, though their primary aim was to contain labor costs. However, because a truly objective skill-related wage system would threaten long-standing practices of paying women less than mensome companies established separate job evaluation systems for traditionally male and female jobs. Furthermore, definitions of job complexity reflected gender bias. In early job evaluation systems, existing wage rates for jobs were used as the basis for determining what types of job content were complex. Jobs traditionally held by men were routinely rated as more complex than those traditionally held by women.

#### **Section6 Question7**

# Consider each of the choices separately and select all that apply.

Which of the following can be inferred from the passage about the introduction of job evaluation systems by United States companies?

A.Companies presented job evaluation systems as a way to assure fair treatment to workers.

B.Companies expected job evaluation systems to increase workers morale.

C.Companies perceived job evaluation systems as a way to limit wage increases.

#### **Section6 Question8**

The passage suggests that companies implementing job evaluation systems faced which of the following difficulties?

A.Job evaluation systems, if implemented evenly, would exacerbate existing conflicts over gender-based pay discrimination.

B.The argument for job evaluation systems was not compatible with companies gender-based compensation practices.

C.Workers in traditionally female jobs were resistant to job evaluation systems because they perceived such systems as a threat to their interests.

D.Companies found it difficult to justify to workers the way in which they assigned point values to various jobs to reflect their complexity.



E.Job evaluation systems tended to undermine workers motivation to compete with other workers for higher wages.

#### Questions 9 and 11 are based on this passage

In the absence of reliable data concerning the relationship between the material quality [i.e.physical condition] and the price of used books, it is impossible to offer statistically exact information for the impact of the used-book market on the cost of reading in eighteenth-century England. Yet it can hardly be doubted that such an impact occurred, not only as the standard behavior of markets but inferentially through the innovative design and packaging strategies that London booksellers increasingly resorted to from 1760 in order to identify (and no doubt also create) more finely differentiated classes of readers. Fortunately we can also call on extensive, independent price lists for eighteenth-century books published in Britain to track differences in the cost of new and used volumes of the same title, edition, and format. To the extent that new list prices for successive editions of the same work in a uniform format remain constant or increase at a lesser rate than consumer prices generally, the **hypothesis** that the secondary book market **exercised a drag on** book prices would gain fresh support. At the same time variance in price among new and used copies of any given title and edition can be used as a proxy for material quality determinations in the two markets.

#### **Section6 Question9**

The primary function of the first sentence of the passage is to

A.propose a theory that the passage later disputes
B.articulate an argument that the passage goes on to support
C.point out a difficulty in evaluating a phenomenon
D.explain why certain evidence has not been fully used
E.identify a dispute concerning a historical issue

#### **Section6 Question10**

The passage suggests that in order to evaluate the "hypothesis" it is necessary to have reliable data about

A.changes in consumer prices as a whole over time
B.variations in the material quality of used books
C.income discrepancies among different classes of readers
D.the rate at which used books entered the market
E.the total number of books published in any given year

#### **Section6 Ouestion11**

Replacement of the phrase "exercised a drag on" with which of the following words would result in the least change in meaning?



A.forestalled

**B.**denigrated

C.circumvented

D.admonished

E.restrained

# **Section6 Question12**

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

The power of our Sun is	: more solar energy strikes the Earth's surface in one
hour of each day than the en	ergy used by all human activities in one year.

A.prodigious

**B.ominous** 

C.auspicious

D.foreboding

E.colossal

F.sufficient

# **Section6 Question13**

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

The author takes a decidedly	_approach to fiction, ensuring that any assumptions
a reader might bring to his stories w	vill be subject to challenge and disruption.

A.controversial

B.nostalgic

C.unpolished

D.unorthodox

E.experimental

F.wistful

# **Section6 Question14**



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

The\_\_\_\_\_\_of biographies of antebellum capitalists is particularly striking in contrast with the abundance of life stories of industrialists in later eras.

A.brevity

**B.**banality

C.utility

D.paucity

E.triteness

F.dearth

#### **Section6 Question15**

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

In a production process that is complex and often unpredictable, roles that start out discretely defined may become quite\_\_\_\_\_.

A.unambiguous

B.untenable

C.fluid

D.mutable

E.explicit

F.perfunctory

# **Section6 Question16**

Rutoria's new national health-care system provides annual bonuses to physicians who keep treatment costs low. Critics have claimed that these bonuses will make physicians reluctant to prescribe available but expensive medical treatments, even to patients for whom such treatments are medically best. However, since comparable bonuses are given to physicians who receive high average ratings on patient-satisfaction surveys, Rutoria's new health-care payment system is unlikely to have the consequences its critics fear.

Which of the following is an assumption about Rutoria on which the argument depends?



A.Patients bear part of the cost of medical treatment under the new national health-care system.

B.Patients often ask their physicians to provide them with treatments that are not medically beneficial.

C.Patients are sufficiently well informed about treatment alternatives to know when they have been denied the medically best treatment.

D.Physicians rarely provide their patients with treatments whose medical benefits are not well established

E.Physicians who neither keep treatment costs low nor receive high average ratingson patient-satisfaction surveys do not receive any bonuses.

# Questions 17 and 18 are based on this passage

Washburn's examination of textile designs from the precolonial Kuba Kingdom in Africa reveals that, despite a theoretical embrace of infinite formal variation, there exists in practice a limited number of pattern structures with creativity channeled into developing nuanced variations on those designs. A parallel sensibility informs the Kuba approach to the ndop figurative sculptures depicting paramount leaders. While one might assume royal portraits capture the unique image of each leader, in practice Kuba sculptors adapted a preferred figurative convention. Although the ndop figures themselves are so homogeneous that they are essentially expunged of any idiosyncratic physiognomic features, the embedded ibol signifier a symbolic emblem incorporated into the base of each sculpture]and an accompanying explanatory proverb invest each image with a particular identity.

#### **Section6 Ouestion17**

Which of the following is an accurate statement about Kuba ndop sculptures as they are described in the passage?

A. The ibol signifiers they contain show insignificant formal variation.

B. There are minimal differences in their facial features.

C. The identification of each with a historical person is a modem-day assumption.

D.Individual sculptures have historically been associated with specific textile patterns.

E.The proverbs that accompany them were chosen by the leaders they portray.

#### **Section6 Question18**

The passage mentions "Washburn's examination" in order to

A.correct a misconception regarding the role of creativity in Kuba art B.reassert a widely accepted theory regarding the pattern structures found in Kuba textiles

C.compare the ways in which two types of Kuba art developed historically

D.draw attention to a similarity between two genres of Kuba art

E.provide an example of a genre for which Kuba artists are renowned



# Questions 19 and 20 are based on this passage

Eighteenth-century French naturalist Benoit de Maillet attempted to estimate Earth's age based on its physical properties. Noting that seashells could be found in sediments on land in many places around the world de Maillet reasoned that **Earth's surface must have once been entirely covered by water and,** that sea levels have been falling steadily ever since. By observing sea levels and estimating how fast they fellde Maillet thought he could calculate how long Earth had existed Although de Maillet's main idea was flawed-sea levels have remained roughly constant for billions of yearshe correctly realized that long-term natural processes could provide a way to measure Earth's age and his suggestion that Earth could be as old as 2 billion years was daring and prescient.

#### **Section6 Question19**

The author implies which of the following about sentiments regarding Earth's age during de Maillet's time?

- A. There was little agreement among scientists as to how old Earth actually was.
- B.The consensus was that Earth was well below 2 billion years old.
- C.Most scientists thought it was extremely difficult to estimate Earth's age.
- D. There was little interest in determining Earth's age through its physical properties.
- E.There was a dispute between scientists and nonscientists regarding Earth's age.

#### **Section6 Question20**

As presented in the passage, the highlighted claim is best characterized as

A.an assertion that many eighteenth-century observers disputed

B.an observation that provided the basis for a theory

C.an assumption that initially seemed plausible to eighteenth-century observers

D.a hypothesis that proved to be correct

E.a conclusion based on an empirical observation



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