

SECTION I
QUANTITATIVE ASSESSMENT

Questions: 25

Time: 45 minutes

Directions: This section consists of two types of questions: Problem Solving and Data Sufficiency. In case of Problem Solving, after solving each problem indicate the correct answer in the appropriate space on the answer sheet provided.

For Data Sufficiency, a given question has two statements which are labeled (1) and (2). By using the statements along with the question, please decide whether statement (1) or statement (2) or both are required to answer the given question. It is also possible that both statements may not be sufficient to answer the question. Please choose one from the answers given below and indicate the correct answer in the appropriate box on the answer sheet provided.

Possible answers for Data Sufficiency problems:

- (A) Statement (1) alone is sufficient to get the answer, but statement (2) is not sufficient.
- (B) Statement (2) alone is sufficient to get the answer, but statement (1) is not sufficient.
- (C) Both statements together are needed to get the answer, but only one statement is not sufficient.
- (D) Either statement (1) alone or statement (2) alone is sufficient to get the answer.
- (E) Statements (1) and (2) together are not sufficient to answer, and more information is needed.

1. Jaya is now 12 years younger than Moni. In 9 years from now, Moni will be twice as old as Jaya. How old will Jaya be in 4 years?

- a) 3
- b) 5
- c) 7
- d) 15
- e) 19

2. In a group of 60 workers, the average salary is Rs 80 a day per worker. If some of the workers earn Rs 75 a day and all the rest earn Rs 100 a day, how many workers earn Rs 75 a day?

- a) 48
- b) 54
- c) 36
- d) 12
- e) 24

3. If Suresh is taller than Ram, Ram is taller than Vikram, and Bharat is taller than both Ram and Fanindra, then which of the following statements must be true?

- a) Fanindra is shorter than Ram
- b) Suresh is taller than Bharat
- c) Ram is shorter than Fanindra
- d) Suresh is taller than Fanindra
- e) Bharat is taller than Vikram

4. Three investors A, B and C divide the profits from a business enterprise in the ratio of 5:7:8 respectively. If investor A earned Rs 3500, how much money did investors B and C earn in total?

- a) 10500
- b) 9500
- c) 5600
- d) 4900
- e) 4000

5. A bowl has only 5 apples and 5 bananas. If one piece of fruit is selected from the bowl at random, and a second piece is selected from the bowl without replacing the first, what is the probability that both pieces of fruit chosen are apples?

- a) $1/10$
- b) $1/5$
- c) $2/9$
- d) $2/5$
- e) $1/2$

6. Three hundred students at a college study a foreign language. Of these, 110 study French, and 170 study Spanish. If at least 90 students who study a foreign language study neither French nor Spanish, then the number of students who study Spanish but not French could be any number from

- a) 10 to 40
- b) 40 to 100
- c) 60 to 100
- d) 60 to 110
- e) 70 to 110

7. If $a=105$ and $a^3 = 21 \cdot 25 \cdot 45 \cdot b$, what is the value of b ?

- a) 49
- b) 45
- c) 42
- d) 54
- e) 35

8. Kanu can paint a room in 3 hours, and Ananta can paint an identical room in 5 hours. How many hours would it take Kanu and Ananta to paint both rooms if they work together at their respective rates?

- a) $8/15$
- b) $4/3$
- c) $15/8$
- d) $9/4$
- e) $15/4$

9. Ravi drives to and from work each day along the same route. If he drives at a speed of 80 kms per hour on the way to work and he drives at a speed of 100 kms per hour on the way from work, which of the following most closely approximates his average speed in kms per hour for the round trip?

- a) 80
- b) 88.9
- c) 90
- d) 91.1
- e) 100

10. Keshav is choosing books at a bookstore. He has a list of seven books that he would like to buy, but he can afford to buy only three books. How many different groups of 3 books Keshav could buy?

- a) 210
- b) 155
- c) 70
- d) 35
- e) 21

11. Maya has a collection of 60 saris. If she gives $\frac{1}{5}$ of her collection to her friend Sara and $\frac{1}{4}$ of the remainder to her friend Sneha, how many saris does Maya have left?

- a) 54
- b) 36
- c) 33
- d) 24
- e) 30

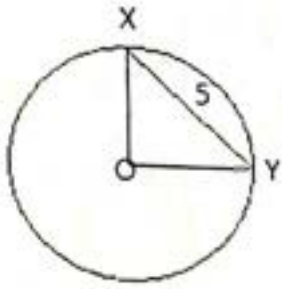
12. After a performance review, Hari's salary is increased by 5%. After a second performance review, Hari's new salary is increased by 20%. This series of increase is equivalent to a single increase of

- a) 25%
- b) 26%
- c) 27%
- d) 30%
- e) 32%

13. If $7 < m < 11$ and $-2 < n < 5$, then which of the following expresses the possible values of $m \cdot n$?

- a) $-14 < m \cdot n < 35$
- b) $-22 < m \cdot n < 55$
- c) $-22 < m \cdot n < 35$
- d) $-14 < m \cdot n < 55$
- e) $5 < m \cdot n < 16$

14. In the figure below, if distance between X and Y is 5, what is the area of the circle with center O, where angle $\angle XOY = 90^\circ$?



- a) $\frac{25}{2}\pi$
- b) $\frac{25}{4}\pi$
- c) $5\sqrt{2}\pi$
- d) $\frac{5\sqrt{2}}{2}\pi$
- e) 25π

15. How many integer values are there for x such that $1 < 3x+5 < 17$?

- a) Two
- b) Three
- c) Four
- d) Five
- e) Six

Data Sufficiency Problems

16. Ramesh buys a bat and a ball at the total cost of X rupees. How much does the bat cost?

- (1) Bat costs 3 times as much as the ball
- (2) Ball costs Rs 500

17. A mother gave her children either one or two candies. How many children received two pieces of candy?

- (1) Of the children in the group, 25% received two pieces of candy
- (2) Children in the group received a total of 15 pieces of candy

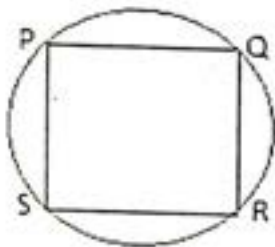
18. Laxmi bought a laptop for Rs 80000 and later sold it. For what price did Laxmi sell the laptop?

- (1) Laxmi sold the computer for 60% of the price she paid for it.
- (2) Laxmi advertised the computer in a newspaper at a price of Rs 60000, which was 25% more than the price for which she actually sold it.

19. Is $0 < a/b < 1$

- (1) $a \cdot b > 1$
- (2) $a - b < 1$

20. If the vertices of quadrilateral PQRS given below lie on the circumference of a circle, is PQRS a square?



- (1) Side PS is equal in length to a radius of the circle.
- (2) The degree measure of minor arc QR is 45° .

21. If he didn't stop along the way, what speed did Shyam average on his 3-hour trip?

- (1) He traveled a total of 120 kms.
- (2) He traveled half the distance at 30 kilometers per hour, and half the distance at 60 kph.

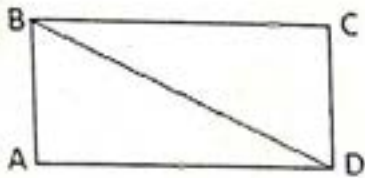
22. If Raghu and Padam can complete a job in 2 hours working together, what fraction of the job was done by Raghu?

- (1) If Raghu has worked alone, he would have completed the job in 3 hours.
- (2) Padam did one third of the job.

23. If the ratio of integers a , b and c is $1:2:3$, what is the value of $a+b+c$?

- (1) $c - a = 8$
- (2) $b - a = 4$

24. What is the perimeter of rectangle ABCD?



- (1) Diagonal BD has length 10.
- (2) $\angle BDC$ has measure of 30° .

25. Five years ago, at hospital X, the ratio of doctors to nurses was $2:3$. If nobody resigned or quit, what is the current ratio?

- (1) In the last 5 years, twice as many doctors were hired as nurses.
- (2) 50 doctors were hired during the last 5 years.

SECTION II

READING COMPREHENSION

Questions 15

Time: 30 Minutes

Directions: Read the following passage, choose the best answer to each question and fill the corresponding box on the answer sheet. You are required to choose the answer on the basis of what is stated or implied in the passage.

PASSAGE I

Milankovitch proposed in the early twentieth century that the ice ages were caused by variations in the Earth's orbit around the Sun. For some time this theory was considered untestable, largely because there was no sufficiently precise chronology of the ice ages with which the orbital variations could be matched.

To establish such a chronology it is necessary to determine the relative amounts of land ice that existed at various times in the Earth's past. A recent discovery makes such a determination possible: relative land-ice volume for a given period can be deduced from the ratio of two oxygen isotopes, 16 and 18, found in ocean sediments. Almost all the oxygen in water is oxygen 16, but a few molecules out of every thousand incorporate the heavier isotope 18. When an ice age begins, the continental ice sheets grow, steadily reducing the amount of water evaporated from the ocean that will eventually return to it. Because heavier isotopes tend to be left behind when water evaporates from the ocean surfaces, the remaining ocean water becomes progressively enriched in oxygen 18. The degree of enrichment can be determined by analyzing ocean sediments of the period, because these sediments are composed of calcium carbonate shells of marine organisms, shells that were constructed with oxygen atoms drawn from the surrounding ocean. The higher the ratio of oxygen 18 to oxygen 16 in a sedimentary specimen, the more land ice there was when the sediment was laid down.

As an indicator of shifts in the Earth's climate, the isotope record has two advantages. First, it is a global record: there is remarkably little variation in isotope ratios in sedimentary specimens taken from different continental locations. Second, it is a more continuous record than that taken from rocks on land. Because of these advantages, sedimentary evidence can be dated with sufficient accuracy by radiometric methods to establish a precise chronology of the ice ages. The dated isotope record shows that the fluctuations in global ice volume over the past several hundred thousand years have a pattern: an ice age occurs roughly once every 100,000 years. These data have established a strong connection between variations in the Earth's orbit and the periodicity of the ice ages.

However, it is important to note that other factors, such as volcanic particulates or variations in the amount of sunlight received by the Earth, could potentially have affected the climate. The advantage of the Milankovitch theory is that it is testable: changes in the Earth's orbit can be calculated and dated by applying Newton's laws of gravity to progressively earlier configurations of the bodies in the solar system. Yet the lack of information about other possible factors affecting global climate does not make them unimportant.

1. In the passage, the author is primarily interested in

- (A) suggesting an alternative to an outdated research method.
- (B) introducing a new research method that calls an accepted theory into question.
- (C) emphasizing the instability of data gathered from the application of a new scientific method.
- (D) presenting a theory and describing a new method to test that theory.
- (E) initiating a debate about a widely accepted theory.

2. The author of the passage would be most likely to agree with which of the following statements about the Milankovitch theory?

- (A) It is the only possible explanation for the ice ages.
- (B) It is too limited to provide a plausible explanation for the ice ages, despite recent research findings.
- (C) It cannot be tested and confirmed until further research on volcanic activity is done.
- (D) It is one plausible explanation, though not the only one, for the ice ages.
- (E) It is not a plausible explanation for the ice ages, although it has opened up promising possibilities for future research.

3. It can be inferred from the passage that the isotope record taken from ocean sediments would be less useful to researchers if which of the following were true?

- (A) It indicated that lighter isotopes of oxygen predominated at certain times.
- (B) It had far more gaps in its sequence than the record taken from rocks on land.
- (C) It indicated that climate shifts did not occur every 100,000 years.
- (D) It indicated that the ratios of oxygen 16 and oxygen 18 in ocean water were not consistent with those found in freshwater.
- (E) It stretched back for only a million years.

4. According to the passage, which of the following is true of the ratios of oxygen isotopes in ocean sediments?

- (A) They indicate that sediments found during an ice age contain more calcium carbonate than sediments formed at other times.
- (B) They are less reliable than the evidence from rocks on land in determining the volume of land ice.
- (C) They can be used to deduce the relative volume of land ice that was present when the sediment was laid down.
- (D) They are more unpredictable during an ice age than in other climatic conditions.
- (E) They can be used to determine atmospheric conditions at various times in the past.

5. It can be inferred from the passage that precipitation formed from evaporated ocean water has

- (A) the same isotopic ratio as ocean water
- (B) less oxygen 18 than does ocean water
- (C) less oxygen 18 than has the ice contained in continental ice sheets
- (D) a different isotopic composition than has precipitation formed from water on land
- (E) more oxygen 16 than has precipitation formed from fresh water

6. According to the passage, which of the following is (are) true of the ice ages?

- I. The last ice age occurred about 25,000 years ago.
- II. Ice ages have lasted about 10,000 years for at least the last several hundred thousand years.
- III. Ice ages have occurred about every 100,000 years for at least the last several hundred thousand years.

- (A) I only
- (B) II only
- (C) III only
- (D) I and II only
- (E) I, II and III

7. It can be inferred from the passage that calcium carbonate shells

- (A) are not as susceptible to deterioration as rocks.
- (B) are less common in sediments formed during an ice age.
- (C) are found only in areas that were once covered by land ice.
- (D) contain radioactive material that can be used to determine a sediment's isotopic composition.
- (E) reflect the isotopic composition of the water at the time the shells were formed.

8. According to the passage, one advantage of studying the isotope record of ocean sediments is that it

- (A) corresponds with the record of ice volume taken from rocks on land.
- (B) shows little variation in isotope ratios when samples are taken from different continental locations.
- (C) corresponds with predictions already made by climatologists and experts in other fields.
- (D) confirms the record of ice volume initially established by analyzing variations in volcanic emissions.
- (E) provides data that can be used to substantiate records concerning variations in the amount of sunlight received by the Earth.

9. The purpose of the last paragraph of the passage is to

- (A) offer a note of caution
- (B) introduce new evidence
- (C) present two recent discoveries
- (D) summarize material in the preceding paragraphs
- (E) offer two explanations for a phenomenon

PASSAGE 2

Two modes of argumentation have been used on behalf of women's emancipation in Western societies. Arguments in what could be called the "relational" feminist tradition maintain the doctrine of "equality in difference," or equity as distinct from equality. They posit that biological distinctions between the sexes result in a necessary sexual division of labor in the family and throughout society and that women's procreative labor is currently undervalued by society, to the disadvantage of women. By contrast, the individualist feminist tradition emphasizes individual human rights and celebrates women's quest for personal autonomy, while downplaying the importance of gender roles and minimizing discussion of childbearing and its attendant responsibilities.

Before the late nineteenth century, these views coexisted within the feminist movement, often within the writings of the same individual. Between 1890 and 1920, however, relational feminism, which had been the dominant strain in feminist thought, and which still predominates among European and non-Western feminists, lost ground in England and the United States. Because the concept of individual rights was already well established in the Anglo-Saxon legal and political tradition, individualist feminism came to predominate in English-speaking countries. At the same time, the goals of the two approaches began to seem increasingly irreconcilable. Individualist feminists began to advocate a totally gender-blind system with equal

rights for all. Relational feminists, while agreeing that equal educational and economic opportunities outside the home should be available for all women, continued to emphasize women's special contributions to society as homemakers and mothers; they demanded special treatment for women, including protective legislation for women workers, state-sponsored maternity benefits, and paid compensation for housework.

Relational arguments have a major pitfall: because they underline women's physiological and psychological distinctiveness, they are often appropriated by political adversaries and used to endorse male privilege. But the individualist approach, by attacking gender roles, denying the significance of physiological difference, and condemning existing familial institutions as hopelessly patriarchal, has often simply treated as irrelevant the family roles important to many women. If the individualist framework, with its claim for women's autonomy, could be harmonized with the family-oriented concerns of relational feminists, a more fruitful model for contemporary feminist politics could emerge.

10. The author of the passage alludes to the well-established nature of the concept of individual rights in the Anglo-Saxon legal and political tradition in order to

- (A) illustrate the influence of individualist feminist thought on more general intellectual trends in English history
- (B) argue that feminism was already a part of the larger Anglo-Saxon intellectual tradition, even though this has often gone unnoticed by critics of women's emancipation
- (C) explain the decline in individualist thinking among feminists in non-English-speaking countries
- (D) help account for an increasing shift toward individualist feminism among feminists in English-speaking countries
- (E) account for the philosophical differences between individualist and relational feminists in English-speaking countries

11. The passage suggests that the author of the passage believes which of the following?

- (A) The predominance of individualist feminism in English-speaking countries is a historical phenomenon, the causes of which have not yet been investigated.
- (B) The individualist and relational feminist views are irreconcilable, given their theoretical differences concerning the foundations of society.
- (C) A consensus concerning the direction of future feminist politics will probably soon emerge, given the awareness among feminists of the need for cooperation among women.
- (D) Political adversaries of feminism often misuse arguments predicated on differences between the sexes to argue that the existing social system should be maintained.
- (E) Relational feminism provides the best theoretical framework for contemporary feminist politics, but individualist feminism could contribute much toward refining and strengthening modern feminist thought.

12. It can be inferred from the passage that the individualist feminist tradition denies the validity of which of the following causal statements?
- (A) A division of labor in a social group can result in increased efficiency with regard to the performance of group tasks.
 - (B) A division of labor in a social group causes inequities in the distribution of opportunities and benefits among group members.
 - (C) A division of labor on the basis of gender in a social group is necessitated by the existence of sex-linked biological differences between male and female members of the group.
 - (D) Culturally determined distinctions based on gender in a social group foster the existence of differing attitudes and opinions among group members.
 - (E) Educational programs aimed at reducing inequalities based on gender among members of a social group can result in a sense of greater well-being for all members of the group.
13. According to the passage, relational feminists and individualist feminists agree that
- (A) individual human rights take precedence over most other social claims
 - (B) the gender-based division of labor in society should be eliminated
 - (C) laws guaranteeing equal treatment for all citizens regardless of gender should be passed
 - (D) a greater degree of social awareness concerning the importance of motherhood would be beneficial to society
 - (E) the same educational and economic opportunities should be available to both sexes
14. According to the author, which of the following was true of feminist thought in Western societies before 1890?
- (A) Individualist feminist arguments were not found in the thought or writing of non-English-speaking feminists.
 - (B) Individualist feminism was a strain in feminist thought, but another strain, relational feminism, predominated.
 - (C) Relational and individualist approaches were equally prevalent in feminist thought and writing.
 - (D) The predominant view among feminists held that the welfare of women was ultimately less important than the welfare of children.
 - (E) The predominant view among feminists held that the sexes should receive equal treatment under the law.

15. The author implies that which of the following was true of most feminist thinkers in England and the United States after 1920?

- (A) They were less concerned with politics than with intellectual issues.
- (B) They began to reach a broader audience and their programs began to be adopted by mainstream political parties.
- (C) They called repeatedly for international cooperation among women's groups to achieve their goals.
- (D) They moderated their initial criticism of the economic systems that characterized their societies.
- (E) They did not attempt to unite the two different feminist approaches in their thought

SECTION III
SENTENCE CORRECTION & CRITICAL REASONING

Questions: 20

Time: 40 minutes

Part I: Sentence Correction (questions 1- 10)

Directions: In each of the following sentences, some part of the sentence or the entire sentence is underlined. Each sentence is followed by five alternative versions to the underlined portion. Select an alternative you consider both most correct and most effective according to the requirements of standard written English. Answer A is the same as the original version; if you think the original version is the best, select answer A. In considering the answer choices, be attentive to matters of grammar, diction, and syntax as well as clarity, precision and fluency. Do not select an answer that alters the meaning of the original sentence.

1. It would have been better for everyone concerned in this situation if she would have sent a more detailed letter to the other company in question.
 - (A) she would have sent a more detailed letter to the other company in question.
 - (B) she would have sent a more detailed letter to the company she has been discussing.
 - (C) a more detailed letter would have been sent to the aforementioned company.
 - (D) a more detailed letter had been sent to the other company.
 - (E) she had sent a more detailed letter to the other company.

2. Totaling more than she had anticipated, the bride was shocked by the costs of food, flowers, and entertainment.
 - (A) Totaling more than she had anticipated, the bride was shocked by the costs of food, flowers, and entertainment.
 - (B) The costs of food, flowers, and entertainment was shocking to the bride because it was more than she had expected.
 - (C) The costs of food, flowers, and entertainment were shocking to the bride totaling more than anticipated.
 - (D) Totaling more than she had anticipated, the costs of food, flowers, and entertainment shocked the bride.
 - (E) Shocking her, the bride had not anticipated the costs of food, flowers, and entertainment.

3. Surely you can see that this briefcase greatly differs from the one over there in price and quality.
- (A) greatly differs from the one over there in price and quality.
 - (B) has a great difference from the one over there in price and quality.
 - (C) differs from the one over there greatly in price and quality.
 - (D) greatly differs with that one when taking into consideration things such as price and quality.
 - (E) differing greatly with the one over there in price and quality.
4. People who have been knocked unconscious should be taken to a hospital immediately, especially if they appear confused or sluggish, and a close watch should be kept if they have difficulty walking.
- (A) appear confused or sluggish, and a close watch should be kept if they have difficulty walking.
 - (B) appear to be sluggish or are confused, and a close watch should be kept if they have difficulty walking.
 - (C) are sluggish, confused, or they should be watched closely if they have difficulty walking.
 - (D) are sluggish, appear confused, or have been watched closely for difficulty in walking.
 - (E) appear confused or sluggish, and they should be watched closely if they have difficulty walking.
5. We asked Gary, James, and Bonnie to help us design a better insurance package for the company, but neither of them was willing to meet until after lunch.
- (A) neither of them was willing
 - (B) neither one of them were willing
 - (C) not a one of them were willing
 - (D) each one of them was willing
 - (E) not one of them was willing
6. While some academicians believe that business ethics should be integrated into every business course, others say that students will take ethics seriously only if it would be taught as a separately required course.
- (A) only if it would be taught as a separately required course.
 - (B) only if it is taught as a separate, required course.
 - (C) if it is taught only as a course required separately.
 - (D) if it was taught only as a separate and required course.
 - (E) if it would only be taught as a required course, separately.

7. The current administration, being worried over some foreign trade barriers being removed and our exports failing to increase as a result of deep cuts in the value of the dollar, has formed a group to study ways to sharpen our competitiveness.
- (A) being worried over some foreign trade barriers being removed and our exports failing
 - (B) worrying over some foreign trade barriers being removed, also over the failure our exports
 - (C) worried about the removal of some foreign trade barriers and the failure of our exports
 - (D) in that they were worried about the removal of some foreign trade barriers and also about the failure of our exports
 - (E) because of its worry concerning the removal of some foreign trade barriers, also concerning the failure of our exports
8. Galileo was convinced that natural phenomena, as manifestations of the laws of physics, would appear the same to someone on the deck of a ship moving smoothly and uniformly through the water as a person standing on land.
- (A) water as a
 - (B) water as to a
 - (C) water; just as it would to a
 - (D) water, as it would to the
 - (E) water; just as to the
9. Mesoporous metals are not indestructible, but their durability is such that they are able to withstand any delivered blow of a force of less than twelve newtons.
- (A) their durability is such that they are able to withstand any delivered blow of
 - (B) they are of such durability, they have the ability to withstand any blow delivered with
 - (C) there is so much durability that they can withstand any blow that is delivered by
 - (D) they have such durability as to withstand any delivered blow of
 - (E) they are so durable that they can withstand any blow delivered with
10. During periods of extreme economic volatility, it is easy to mistake an increase in overall stock prices as the start of another bull market.
- (A) an increase in overall stock prices as the start of another bull market.
 - (B) the overall increasing of stock prices as the starting pf another bull market.
 - (C) overall increasing stock prices for another bull market that is starting.
 - (D) an overall increase in stock prices for the start of another bull market.
 - (E) an increasing of stock prices as a starting bull market.

Part II: Critical Reasoning (Questions 11 – 20)

Directions: For each question given below, select the best answer from the choices provided.

11. Students need to spend more time studying for standardized tests which colleges use in selection of students. With that, test preparation scores could be raised and colleges would be likely to admit the students who apply. Such investment of study time could result in an improved student body at colleges and universities.

Which of the following conclusions can most properly be drawn from the information above?

- (A) Increased study time could benefit both the students and the institutions of higher education.
- (B) Increased enrollments in colleges and universities is likely to be accompanied by the creation of more jobs on campuses across the nation.
- (C) Colleges and universities will decrease their enrollments unless students indicate that they are better prepared.
- (D) The low test scores have been a cause of economic recession.
- (E) Low test scores have caused a decline in education quality at colleges and universities across the nation.

12. To conserve public lands, restrictions must be placed on the uses of this property.

Which of the following statements provides support for the claim above?

- I. Since public lands belong to each citizen, each person should be able to use the lands as he/she wishes in order to recreate and relax.
- II. Vehicles which are made for off-the-road travel (two wheelers, four-wheelers) must be prohibited from using the newly sown banks to halt erosion.
- III. Refreshment stand owners and workers were put out of work when they were prohibited from reopening their stands this morning; individuals are prohibited from using public lands to profit financially.

- (A) I only.
- (B) II only.
- (C) I and III only.
- (D) II and III only.
- (E) I, II and III.

Questions 13 and 14 are based on the following

Partly in response to consumer demand and partly to compete with foreign imports, car manufacturers produced more cars during the past two years than ever before. This production resulted in less steel being available for refrigerator manufacturing. So while the volume of car production has been increasing over the two-year period, the volume of refrigerator production decreased.

13. Which of the following can be inferred from the passage?

- (A) Refrigerators are a profitable product only if they are produced on a large scale.
- (B) Production of refrigerators has been unusually high for the two-year period.
- (C) Steel production will increase in the future.
- (D) Surplus stocks of refrigerators have been reduced in the two-year period.
- (E) The profits that car manufacturers have made are unprecedented.

14. Which of the following conclusions is warranted from the passage?

- (A) Refrigerator manufacturers foresaw how high the price of refrigerators would go.
- (B) Car manufacturers made more profit in the two-year period than they ever have or will again.
- (C) Steel manufacturers preferred selling to refrigerator manufacturers rather than to car manufacturers even though the amount of steel might have been the same.
- (D) The price of refrigerators has increased over the two-year period.
- (E) The price of refrigerators has declined over the two-year period since there was no steel used in their production.

15. Which of the following best completes the passage below?

In a survey of job applicants, two-fifths admitted to being at least a little dishonest. However, the survey may underestimate the proportion of job applicants who are dishonest, because _____.

- (A) some dishonest people taking the survey might have claimed on the survey to be honest.
- (B) some generally honest people taking the survey might have claimed on the survey to be dishonest.
- (C) some people who claimed on the survey to be at least a little dishonest may be very dishonest.
- (D) some people who claimed on the survey to be dishonest may have been answering honestly.
- (E) some people who are not job applicants are probably at least a little dishonest.

16. Company Alpha buys free-travel coupons from people who are awarded the coupons by Bravo Airlines for flying frequently on Bravo airplanes. The coupons are sold to people who pay less for the coupons than they would pay by purchasing tickets from Bravo. This marketing of coupons results in lost revenue for Bravo.

To discourage the buying and selling of free-travel coupons, it would be best for Bravo Airlines to restrict the

- (A) Number of coupons that a person can be awarded in a particular year.
 - (B) Use of the coupons to those who were awarded the coupons and members of their immediate families.
 - (C) Days that the coupons can be used to Monday through Friday.
 - (D) Amount of time that the coupons can be used after they are issued.
 - (E) Number of routes on which travelers can use the coupons.
17. A small marketing consortium wanted to get more young people to take up chess. Since chess is most enjoyable when two people of equal ability play one another, the group believed that few people play chess because it is so hard to find a suitable opponent.

Which of the following statements would most seriously undermine the consortium's viewpoint?

- (A) On average, a set of chess pieces cost much more than most other board games.
 - (B) The chess industry received a lot of favorable publicity the year when a computer defeated the world chess champion for the first time.
 - (C) Tennis is most enjoyable when two equally matched opponents play each other, and the number of young tennis players has risen steadily.
 - (D) Playing chess helps children develop analytical minds and learn to devise strategies to achieve long-term goals.
 - (E) More than 50,000 chess sets were sold last year.
18. Antismoking lobbyists have tried to label smoking as a societal concern that must be curbed by government legislation. A problem can't be labeled as a social problem, however, unless it harms others without their consent. Governments are powerless to regulate a harmful activity if those who do not indulge in that activity are not at risk.

Which of the following strategies would most likely achieve the lobbyists' goal?

- (A) Quoting legislation that has been drafted to punish drunk drivers.
- (B) Calling for higher luxury taxes on tobacco products.
- (C) Citing the number of cancer related deaths in the past ten years.
- (D) Compiling statistics about the health hazard of second hand smoking to non-smokers.
- (E) Boycotting all items produced by tobacco companies and their wholly owned subsidiaries.

19. Red blood cells in which the malaria-fever parasite resides are eliminated from a person's body after 120 days. Because the parasite cannot travel to a new generation of red blood cells, any fever that develops in a person more than 120 days after that person has moved to a malaria-free region is not due to the malaria parasite.

Which of the following, if true, most seriously weakens the conclusion above?

- (A) The fever caused by the malaria parasite may resemble the fever caused by flu viruses.
- (B) The anopheles mosquito, which is the principal insect carrier of the malaria parasite, has been eradicated in many parts of the world.
- (C) Many malarial symptoms other than the fever, which can be suppressed with antimalarial medication, can reappear within 120 days after the medication is discontinued.
- (D) In some cases, the parasite that causes malarial fever travels to cells of the spleen, which are less frequently eliminated from a person's body than are red blood cells.
- (E) In any region infested with malaria-carrying mosquitoes, there are individuals who appear to be immune to malaria.

20. Public policies that are aimed at helping one group other inadvertently cause harm to another group.

Which of the following statements provides support to the claim above?

- I. The minimum wage results in increased teenage employment.
- II. Daily subsidies cause higher milk prices.
- III. The space program resulted in advances in computer technology.

- (A) I only.
- (B) II only.
- (C) I and II only.
- (D) II and III only.
- (E) I, II, and III.