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### Result for "2021 Mock Test 05"

Taken on : Dec 06, 2021 10:10 am

Marks Obtained	23.5
Correct Answer	31
Wrong Answer	30

Analytical: 70% (7/10)

Mathematics: 56% (15/27)

Verbal: 38% (9/24)

Marks for written section : Not marked yet

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### MCQ QUESTIONS FOLLOW UP

Section 1: Mathematics 30×1=30 marks

**Instructions:** Solve each of the following problems and mark the correct answer on your Answer Sheet. DO NOT USE A CALCULATOR. Figures are not drawn to scale.

**1. The length, breadth and height of a room in the shape of a cuboid are increased by 10%, 20% and 50% respectively. Find the percentage change in the volume of the cuboid.**

Mathematics

Your answer : **CORRECT**

A. 77%

B. 75%

C. 88%

D. 98% 

E. 99%

2. Find the least number which when divided by 16, 18, 20 and 25 leaves a remainder of 4 in each case, but when divided by 7 leaves no remainder.

Mathematics

Your answer : **WRONG**

- A. 17004
- B. 43204 ✘
- C. 18002
- D. 18014
- E. None of these

3. When a particular positive number is divided by 5, the remainder is 2. If the same number is divided by 6, the remainder is 1. If the difference between the quotients of division is 3, then find the number.

Mathematics

Your answer : **WRONG**

- A. 37 ✘
- B. 97
- C. 67
- D. 87
- E. None of these

4. If  $x < y < 0$ , which of the following inequalities must be true?

Mathematics

Your answer : **WRONG**

- A.  $y+1 < x$
- B.  $y-1 < x$
- C.  $xy^2 < x$  ✘
- D.  $xy < y^2$
- E.  $xy < x^2$

5. There is a rectangular piece of land which is 86 feet long and 62 feet wide. The land is surrounded by boundary wall of 5 feet height. It has been decided that trees will be planted leaving 5 feet land free from the wall in all four sides. It was also decided that the distance from one tree to another in both row and column will be 4 feet. What is the maximum number of trees that can be planted in the land?

Mathematics

Your answer : **WRONG** A. 280 B. 315 ✘ C. 56 D. 300 E. None of these

6. HCF of 3240, 36000 and a third number is 36 and their LCM is  $2^4 \times 3^5 \times 5^2 \times 7^2$ . The third number is-

Mathematics

Your answer : **SKIPPED** A.  $2^4 \times 3^5 \times 7^2$  B.  $2^4 \times 5^2 \times 7^2$  C.  $2^5 \times 5^2 \times 7^2$  D.  $2^3 \times 5^2 \times 7^2$  E. None of these

7. There are 40 members in a club. Of them  $\frac{9}{20}$ th members are engineers and  $\frac{4}{5}$ th of the members are man. What can be the possible minimum number of man engineers?

Mathematics

Your answer : **CORRECT** A. 10 👍 B. 15 C. 16 D. 8 E. None of these

8. Tazul has 9 pairs of dark blue socks and 9 pairs of black socks. He keeps them all in the same bag. If he picks out three socks at random, then what is the probability that he will get a matching pair?

Mathematics

Your answer : **WRONG**

- A. 1
- B.  $(2 \times 9C2 \times 9C1) / 18C3$
- C.  $(9C2 \times 9C1) / 18C3$  ✘
- D. 1/2
- E. None of these

9. A large tanker can be filled by two pipes A and B in 60 minutes and 40 minutes respectively. How many minutes will it take to fill the tanker from empty state if B is used for half the time and A and B fill it together for the other half?

Mathematics

Your answer : **CORRECT**

- A. 15 Min
- B. 20 Min
- C. 27.5 Min
- D. 30 Min 👍
- E. None of these

10. Tk. 4830 is divided among Asif, Rakib and Shakib such that if Asif's share diminishes by Tk. 5, Rakib's share diminishes by Tk. 10 and Shakib's share diminishes by Tk. 15, their shares will be in the ratio 5:4:3. Find the Rakib's original share

Mathematics

Your answer : **CORRECT**

- A. 1610 👍
- B. 2010
- C. 2410
- D. 1590
- E. None of these

11. A train starts from station A with some passengers. At station B 10% of the passengers get down and 100 passengers get in. At station C 50% get down and 25 get in. At station D 50% get down and 50 get in making the total number of passengers 200. The number of passengers who boarded the train at station A was-

Mathematics

Your answer : **WRONG**

- A. 400
- B. 500
- C. 600
- D. 700
- E. None of these **×**

12. A building worth TK 1,33,100 is constructed on land worth Tk. 72,900. After how many years will the value of both be the same if land appreciates at 10% per annuity and building depreciates at 10% per annuity?

Mathematics

Your answer : **CORRECT**

- A. 1.5
- B. 2
- C. 2.5
- D. 3 **👍**
- E. None of these

13. Fresh fruit contains 68% water and dry fruit contains 20% water. How much dry fruit can be obtained from 100 kg of fresh fruits?

Mathematics

Your answer : **CORRECT**

- A. 32 kg
- B. 40 kg **👍**
- C. 52 kg
- D. 80 kg
- E. None of these

14. What will be the simple interest on Tk. 700 at 9% per annum for the period from February 7, 2018 to April 20, 2018?

Mathematics

Your answer : CORRECT

A. Tk. 12.60 

B. Tk. 11.30

C. Tk. 15

D. Tk. 13

E. None of these

15. How many kgs of Basmati rice costing Tk. 42/kg should a shopkeeper mix with 25 kgs of ordinary rice costing Tk. 24 per kg so that he makes a profit of 25% on selling the mixture at Tk. 40/kg?

Mathematics

Your answer : CORRECT

A. 20.0 kgs 

B. 12.5 kgs

C. 16.0 kgs

D. 200.0 kgs

E. None of these

16. Rakib and Asif are two typists. One afternoon, they were each given 40 pages for typing. They divided the work equally but Asif finished 20 minutes before Rakib who took 2 hours for the same. The next afternoon, they were again given 77 pages to type. However, this time they decided to divide the work such that they finished typing simultaneously. How many pages did Rakib have to type?

Mathematics

Your answer : WRONG

A. 35

B. 36

C. 40


D. 42 

E. None of these

17. A bus overtakes two boys who are walking in the direction of the bus at 2 km/hr and 4 km/hr in 9 sec and 10 sec respectively. The length of the bus is:

Mathematics


Your answer : CORRECT

- A. 50 m 
- B. 80 m
- C. 70 m
- D. 60m
- E. None of these

18. A bus without stopping travels at an average speed of 60 km/hr and with stoppages at an average speed of 40 km/hr. What is the total time taken by the bus for stoppages on a route of length 300km?

Mathematics


Your answer : CORRECT

- A. 4 hr
- B. 3 hr
- C. 2.5 hr 
- D. 3.5 hr
- E. None of these

19. From a group of 7 men and 6 women, 5 persons are to be selected to form a committee so that at least 3 men are there on the committee. In how many ways can it be done?

Mathematics

Your answer : CORRECT

- A. 564
- B. 645
- C. 735
- D. 756 
- E. None of these

20. If the volume of a cube is 27 cubic meters, find the surface area of the cube.

Mathematics

Your answer : **WRONG**

A. 9 sqm ✖

B. 18 sqm

C. 54 sqm

D. 3 sqm

E. 1 sqm

21. A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:

Mathematics

Your answer : **CORRECT**

A. 14 years 👍

B. 19 years

C. 33 years

D. 38 years

E. None of these

22. If  $n=1+x$  where  $x$  is a product of four consecutive positive integers, then which of the following is true?

i.  $n$  is odd

ii.  $n$  is prime

iii.  $n$  is a perfect square

Mathematics

Your answer : **WRONG**

A. i and iii only

B. i and ii only

C. i only ✘

D. iii only

E. ii and iii only

23. 180 sweets were distributed equally among students of Capstone Special Batch 02210601, in such a way that the number of sweets received by each student is 20% of the total number of students. How many sweets did each student receive?

Mathematics

Your answer : **CORRECT**

A. 10

B. 5

C. 6 👍

D. 9

E. 8

24. Tazul and Sadib's income ratio is 5 : 3. Expenses of Tazul, Sadib and Abir are in the ratio of 8 : 5 : 2. If Abir spends BDT 2000 and Sadib saves BDT 700, then Tazul's savings are

Mathematics

Your answer : **WRONG**

A. BDT 500 ✘

B. BDT 1000

C. BDT 1500

D. BDT 2500

E. None of these

25. A tradesman fixed his selling price of goods at 30% above the cost price. He sells half the stock at this price, one-quarter of his stock at a discount of 15% on the original selling price and rest at a discount of 30% on the original selling price. Find the gain percentage altogether?

Mathematics

Your answer : **CORRECT**

A. 14.875%

B. 15.375% 

C. 15.575%

D. 16.375%

E. 16.5%

Data sufficiency 26 to 30:

- A. Statement 1 alone is sufficient but statement 2 alone not sufficient to answer the question asked.
- B. Statement 2 alone is sufficient but statement 1 alone not sufficient to answer the question asked.
- C. Both statement 1 & 2 together are sufficient to answer the question but neither statement is sufficient alone.
- D. Each statement alone is sufficient to answer the question.
- E. Statement 1 & 2 are not sufficient to answer the question asked and additional data is needed to answer the statements.

26. Is  $x$  an integer?

(1)  $x/8$  is an integer.

(2)  $8/x$  is an integer.

Mathematics


Your answer : **WRONG**

(A)

(B)

(C)

(D)

(E) 

27. Five friends decide to buy a van. If each person pays an equal amount, how much should each person pay?

(1) The total cost of the van is \$7500.

(2) If one of the friends drops out before the purchase, the amount paid per person will increase by \$375.

Mathematics

Your answer : CORRECT

(A)

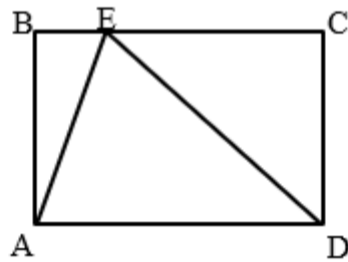
(B)

(C)

(D) 

(E)

28.



In the figure above, ABCD is a rectangle, and point E is anywhere on BC. What is the area of triangle AED?

(1)  $AD = 7$

(2) The area of ABCD is 28.

Mathematics

Your answer : SKIPPED

(A)

(B)

(C)

(D)

(E)

29. What is the volume of cube A?

(1) The surface area of cube A is 54 sq. ft.

(2) The length of an edge of cube A is 3 ft.

Mathematics

Your answer : SKIPPED

(A)

(B) (C) (D) (E)

30. What is the distance from town A to town C?

(1) The distance from town A to town B is 5 miles.

(2) The distance from town B to town C is 12 miles.

Mathematics

Your answer : **WRONG** (A) (B) (C) ✘ (D) (E)

Section 2: Language & Communication

25\*1=marks

Questions 31 to 33 are based on the following instruction:

Instruction: The underlined part of the given sentence may contain error. Select the choice that best replaces the underlined part keeping the original meaning intact. If you think that the original sentence is the best choice then select A.

31. Changes in sea level are not only a result of changes in water temperature, affecting water density, but of melting glaciers as well.

Verbal

Your answer : **WRONG** A. are not only a result of changes in water temperature, affecting water density, but of melting glaciers as well B. not only result from changes in water temperature, which affect water density, but also when glaciers melt C. are a result not only of changes in water temperature, which affect water density, but also the melting glaciers

D. result not only from changes in water temperature, which affect water density, but also from the melting of glaciers

E. result from not only changes in water temperature, affecting water density, but as well as when glaciers melt ❌

32. The results of the company's cost-cutting measures are evident in its profits, which increased 5 percent during the first 3 months of this year after it fell over the last three years.

Verbal

Your answer : **WRONG**

A. which increased 5 percent during the first 3 months of this year after it fell ❌

B. which has increased 5 percent during the first 3 months of this year after it had fallen

C. which have increased 5 percent during the first 3 months of this year after falling

D. with a 5 percent increase during the first 3 months of this year after having fallen

E. With a 5 percent of increase during the first 3 months of this year after falling.

33. Nearly 80% of Nike's footwear makers and half of its apparel providers in Vietnam were forced to halt production in mid-July, which came after authorities had imposed restrictions on movement to stop a major outbreak from spreading.

Verbal

Your answer : **CORRECT**

A. Nearly 80% of Nike's footwear maker and half of their apparel providers in Vietnam were forced to halt production in mid-July

B. Nearly 80% of Nike's footwear makers and half of its apparel providers in Vietnam was forced to halt production in mid-July

C. In mid-July, about 80% of Nike's footwear manufacturers and half of its garment suppliers in Vietnam were forced to suspend production. 👍

D. In mid-July, about 80% of Nike's footwear manufacturers and half of its garment suppliers in Vietnam was coerced to suspend production.

E. In mid-July, about 80% of Nike's footwear manufacturers and half of its garment suppliers in Vietnam was coerced to escalate production.

Questions 34 to 35 are based on the following instruction:

Instruction: Find the incorrect sentence/s

34. i. She would have sold the house which she has been living in for the last 20 years if she got the right buyer offering the right price.

ii. Had Ms. Khan not interfered in her daughters marital problems, there would have been peace between them.

iii. The use of alternative fuel has risen steadily in recent decades and already are the dominant energy source for the cement industry in some European countries.

Verbal

Your answer : **WRONG**

A. i & iii

B. i & ii **×**

C. ii

D. i

E. None of these

35.

i. The coming months will show if the snarl-ups portend a toxic scenario of stagflation for the world economy or are just a bump in the road to recovery.

ii. Vaccination rates against COVID-19 are creeping higher in key manufacturing nations, especially chip suppliers such as Malaysia and Taiwan, making production disruptions less likely.

iii. In spite of having a headache, Mr. Rashid kept working overtime to meet the deadline.

Verbal

Your answer : **WRONG**

A. i & iii

B. i & ii **×**

C. ii

D. i

E. None of these

Questions 36 to 40 are based on following comprehension:

**Instruction: Read the following passage and answer the accompanying questions, basing your answer on what is stated or implied in the passage. Mark your answers on the Answer Sheet.**

The destruction of two Japanese cities, Hiroshima and Nagasaki, in August 1945, by the use of atomic bombs shocked and horrified mankind beyond measure. Man had discovered a new energy of tremendous power but it was extremely tragic to use it for the destruction of human beings. The conscience of all right thinking persons was awakened and the problem of the proper use of the new energy became a subject for serious consideration. The World War ended, but experiments with atomic energy continued. Most of them were confined to the production of better and more powerful atomic weapons such as hydrogen bombs, cobalt bombs, transcontinental ballistic missiles, etc. A very large section of the people of the world stood against the mad race for nuclear armament. They demanded an immediate and complete ban on all kinds of nuclear tests and experiments for the purpose of war. Most people desired to stop the production of atomic weapons altogether. The late professor Einstein appealed to both politicians and scientists to save mankind and civilization from the unimaginable horrors of an atomic war. He also advocated the use of nuclear energy for peaceful purposes, betterment of the poor, and enhancement of the total wealth of the world. His appeal was directed in particular to atomic scientists who should not allow their talents to be used for increasing the chance of war. They should rather use their brains for utilizing atomic energy for the good of humanity. The soundness of this view point has appealed to reasonable people and all lovers of peace.

36. What is extremely tragic?

Verbal

Your answer : **WRONG**

- A. The use of atom bombs ❌
- B. Destruction of Hiroshima and Nagasaki in 1945
- C. Unchecked development of atom bombs
- D. Horror to mankind from atom bombs
- E. Use of atomic bombs against mankind

37. Experiments after the end of the World War were done for:

Verbal


Your answer : **CORRECT**

- A. the production of more powerful atomic weapons 👍
- B. the production of industrial tools and plants
- C. all kinds of nuclear tests
- D. rebuilding the destroyed cities
- E. the manufacture of atomic weapons

38. Of the following, which was not directly an appeal by Einstein?

Verbal


Your answer : CORRECT

- A. Scientists should save mankind from the horrors of an atomic war
- B. Production of atomic weapons should be stopped altogether 
- C. Scientists should use their knowledge of atomic energy for the good of humanity
- D. Nuclear energy should be used for peaceful purposes only
- E. Scientific talents should not be used for increasing the chances of war

39. Which of the following is nearly OPPOSITE in meaning to the word APPEALED as used in the passage?

Verbal

Your answer : WRONG

- A. Commanded
- B. Noticed 
- C. Called
- D. Requested
- E. Persuaded

40. The views of Prof. Einstein:

Verbal

Your answer : SKIPPED

- A. did not affect anybody
- B. were liked by countries leading in manufacture of atomic weapons
- C. tended to decrease the use of atomic weapons for destructive purposes
- D. appealed to peace loving people
- E. appealed to scientists

Questions 41 to 45 are based on the following instruction:

**Instruction: Underlined parts of the following sentences may contain error(s) in grammar, diction, usage or idiom. Choose the underlined portion that contains such error(s). If there is no error then select E.**


**41. Although both Munir and Hasib, two of the brightest students (A) of our department, are trying (B) to obtain (C) the scholarship, Hasib has the highest (D) GRE score. No error (E)**

Verbal

Your answer : **CORRECT** (A) (B) (C) (D)  (E)

**42. India has won (A) huge against Afghanistan on Wednesday, but they still need to win (B) their last two Super 12 games and hope for other outcomes (C) to go their way to advance (D) to the semi-finals. No error (E)**

Verbal

Your answer : **CORRECT** (A) (B) (C)  (D) (E)

**43. Art and culture flourished (A)briefly during the Prague Spring, (B)a short period, (C)when relaxed censorship and (D)looser Soviet control. (E)No error.**

Verbal

Your answer : **WRONG** (A) (B)

(C)

(D) ✘

(E)

44. The defendant (A)surprised the jury not only with his candor (B)as well as with (C)what seemed to be genuine goodwill (D)behind his smile. No error.

Verbal

Your answer : **WRONG**

(A)

(B)

(C)

(D)

(E) ✘

45. Exotic pet enthusiasts prize male peacocks (A)for their feathers (B)because the males are the (C)more colorful of the two (D)sexes; in contrast, female peacocks are mostly for breeding purposes. (E)No error.

Verbal

Your answer : **CORRECT**

(A)

(B)

(C)

(D)

(E) 👍

Questions 46 to 50 are based on the following instruction:

Instruction: Fill in the gaps with suitable words.

46. The European Union (EU) at a meeting here \_\_\_\_\_ that the government of Bangladesh will ensure \_\_\_\_\_ for credible, transparent and inclusive elections.

Verbal

Your answer : **WRONG**

A. Hoping ..... authority ✘

B. Agreed ..... patterns

C. Requested .....provisions

D. Hoped ..... conditions

E. Agreed.....Situations

47. YouTube said in the report Monday that \_\_\_\_\_ enforcement through software “is paying off” in quicker removals and the company said it did not have comparable data from \_\_\_\_\_ quarters.

Verbal

Your answer : **WRONG**

A. Brutalizing.....Subsequent

B. Automating.....Prior

C. Initializing.....Upcoming

D. Installing.....Previous ✘

E. Humanizing .....Preceding

48. YouTube last year began removing videos and \_\_\_\_\_ strikes when the filming may have put a child in danger or when a cartoon character is used \_\_\_\_\_.

Verbal

Your answer : **CORRECT**

A. Assuring .....Improperly

B. Issuing .....Inappropriately 👍

C. Authorizing .....Unintentionally

D. Allowing .....Unduly

E. Restraining .....Appropriately

49. The performance of Bangladesh Cricket Team was not \_\_\_\_\_.

Verbal

Your answer : CORRECT

A. A bolt from the blue 👍

B. Above board

C. Out of the wood

D. Out of doors

E. None of these

50. After arresting the murderer, the police officer ensured the victim's family that the murderer will be \_\_\_\_\_

Verbal

Your answer : WRONG

A. Cut to the quick

B. Brought to light ✖

C. Brought to the book

D. In a fix

E. None of these

Questions 51 to 53 are based on the following instruction: Instruction: Fill in the blanks with the appropriate word from the alternatives.

51. Myanmar must know that generating a false \_\_\_\_\_ based on the pseudo-repatriation of one family will not fool anyone.

Verbal

Your answer : WRONG

A. narrative

B. statement ✖

C. eye-wash

D. rambling

E. detail

52. Bangladesh has nothing of the sort in place, which is why experts think a third of our population \_\_\_\_\_ develop hearing-related complications in less than a decade.

Verbal

Your answer : **WRONG** A. might ✘ B. may C. can D. would E. could

53. Unhealthy competition among bus companies, reckless driving, and a \_\_\_\_\_ to overtake vehicles are the main reasons the casualty numbers are so high.

Verbal

Your answer : **WRONG** A. susceptibility B. proclivity ✘ C. averseness D. addiction E. tendency

54. Find out the missing word in the following sentence-

**Misha has a drinking problem, and so her father and grandfather.**

Verbal

Your answer : **WRONG** A. are B. have C. has ✘ D. do E. none of these

**55. Find out the word that is incorrectly spelt-**

Verbal

Your answer : **CORRECT** A. Courageous B. Consequense  C. Contemplate D. Exercise E. None of these**Section 3: Analytical Ability****15×1=15 marks****Instruction: Solve each of the following problems and mark the correct answers on your Answer Sheet.****Questions No 56 to 59 are based on the following information:**

Exactly four young musicians are to attend a music workshop. The four are to be chosen from a group of seven eligible musicians: three boys— Fareed, Ghulam and Hamid—and four girls—Junaid, Kiran, Minahal and Nirma. The four are to be chosen according to the following conditions:


If either Ghulam or Hamid attends the workshop, the other must also attend.

Junaid and Kiran cannot both attend the workshop.

Ghulam and Minahal cannot both attend the workshop.

**56. Which of the following could be the group attending the workshop?**


Analytical

Your answer : **CORRECT** A. Fareed, Ghulam, Hamid, Minahal B. Fareed, Ghulam, Kiran, Nirma C. Fareed, Kiran, Minahal, Nirma  D. Ghulam, Junaid, Minahal, Nirma E. Junaid, Kiran, Minahal, Nirma

57. If Hamid attends the workshop, which of the following CANNOT attend?

Analytical


Your answer : CORRECT

- A. Fareed
- B. Ghulam
- C. Junaid
- D. Minahal 
- E. Nirma

58. If two musicians of each attend the workshop, which of the following is one of the musician who must attend?

Analytical


Your answer : CORRECT

- A. Fareed
- B. Hamid 
- C. Junaid
- D. Kiran
- E. Minahal

59. If Fareed and Junaid attend the workshop, which of the following pairs of musician could be the others attending?

Analytical

Your answer : CORRECT

- A. Ghulam and Kiran
- B. Ghulam and Nirma
- C. Hamid and Minahal
- D. Kiran and Minahal
- E. Minahal and Nirma 

**Questions 60 to 65: Read the questions and answer accordingly**

60. A is father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?

Analytical

Your answer : **WRONG** A. Brother-in-Law B. Husband C. Sister-in-law D. Daughter E. Nephew **×**

61. A party consists of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there is all?

Analytical

Your answer : **WRONG** A. 12 **×** B. 14 C. 16 D. 18 E. 20

62. E is the son of A, D is the son of B. E is married to C. C is B's daughter. How is D related to E?

Analytical

Your answer : **CORRECT** A. Father-in-law B. Brother-in-law **👍** C. Brother D. Uncle E. Father

63. Deepak is brother of Ravi. Rekha is sister of Atul. Ravi is son of Rekha. How is Deepak related to Rekha?

Analytical

Your answer : CORRECT

 A. Father B. Son  C. Nephew D. Brother E. Uncle

64. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

Analytical

Your answer : CORRECT

 A. Father B. Grandfather C. Uncle  D. Brother E. Nephew

65. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's-

Analytical

Your answer : WRONG

 A. Son  B. Uncle C. Nephew D. Brother E. Boyfriend

66. The Dean claimed that, as a result of continued cutbacks in the budget for pure science research, fewer students are choosing a career in physics, and therefore the number of postgraduate students studying physics is likely to decline.

Which of the following, if true, casts most doubt on the Dean's conclusion?

Analytical

Your answer : SKIPPED

- A. The number of students majoring in physics at the undergraduate level has been increasing steadily over the years, a trend that is expected to continue.
- B. The number of students studying chemistry declined even before cutbacks in research funding were noted.
- C. Most postgraduate students of physics move to careers in computer science and engineering.
- D. The Dean's own university has recently increased the number of staff members teaching physics.
- E. The budget cutbacks are less severe for the pure sciences than for applied sciences.

67. A nature conservancy expert found little support for his campaign to protect toads. He suggested that, even though the campaign highlighted the vital role the toads played in the ecology of the region, people were unenthusiastic about saving toads as these animals are perceived as unpleasant creatures, and people seldom feel passionate about animals with which they have no positive feelings. The expert's opinion would be most strengthened by which of the following observations?

Analytical

Your answer : SKIPPED

- A. Ecological conservation is an increasingly important concern in the region.
- B. A recent campaign to save bats achieved a measure of success only after a cartoon bat was adopted as the mascot of the local football team.
- C. Snakes and lizards also need protection in this region as a result of human activity.
- D. The campaign to protect toads has been in existence for over five years and yet the toad population continues to decline.
- E. The children in the local schools were found to have a greater aversion to toads than to snakes.

68. Many people report that exposure to certain foods such as cheese, red wine, and chocolate, are associated with the onset of migraine headaches. Other people report that exposure to certain smells (especially strong perfumes) seems to trigger a migraine headache, and some note that exposure to bright and flickering lights can be followed by a migraine. It would seem that a person with a tendency to get migraines should try to find which of these situations is associated with the onset of the headache and then avoid this stimulus.

All of the following, if true, would indicate potential problems with the recommendation above except

Analytical

Your answer : SKIPPED

- A. the time delay between the trigger and the onset of the headache can make it exceptionally difficult to identify the trigger
- B. the presence of a known trigger doesn't always cause a migraine
- C. in many cases an internal hormonal change triggers a migraine
- D. in a high proportion of cases the patients report multiple triggers for their headaches
- E. most of the known triggers are common and almost unavoidable features of modern life

69. It is strange that in Sentacity there are so many corner shops selling food items. After all there are many supermarkets in the city which sell food at cheaper prices, and many of these supermarkets are open 24-hours. Which of the following, if true, would be of least help in explaining the paradoxical observation?

Analytical

Your answer : SKIPPED

- A. The corner shops are selling specialist food items not available in the supermarkets.
- B. The supermarkets are mostly located on the outskirts of the city and require residents to use cars or public transport to reach them.
- C. The main business of the local shops is newspaper distribution and food items represent a small part of their turnover.
- D. The corner shops are mainly family-owned businesses and have been there for much longer than the supermarkets and are perceived as an important feature of the community.
- E. The corner shops are willing to make home deliveries.

70. Red is a color which has powerful effects on human beings as well as animals. A group of psychologists carried out an experiment which confirms the subconscious effects of this color on human behavior. They provided selected sports teams at school and college level with either red or blue shorts and recorded the outcome of the games. The teams wearing red won in a disproportionate number of matches. The psychologists suggested that either the teams wearing red subconsciously felt themselves more powerful, or that the non-red teams were subconsciously intimidated by the red color. Which of the following, if true, would most weaken the psychologist's suggestion?

Analytical

Your answer : SKIPPED

- A. Each team wore red in some matches and blue in others.
- B. The color blue has the subconscious effect of making human beings less competitive.
- C. The effect was only observed if all the team members wore white shirts.
- D. Red signifies danger in some cultures whereas it signifies happiness in others.

U E. In a subsequent study, teams with all-red outfits were more likely to report that they thought they would win no matter what color the opponents wore.

## About us

Capstone started up in January 2013, and we have been on an epic ride ever since. Since our inception, we have tried to stay true to our core beliefs – Be inspired and to deliver an exceptional experience for our subscribers.

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