



VERBAL SECTION

Analogy

Instructions

In the following questions there is a pair of capitalized words followed by four choices marked A, B, C, D. Choose the pair of words whose relationship is most similar to that expressed by the capitalized pair, and mark your choice on your answer sheet.

1. COLD : HOT

- | | | | |
|---|------------------|---|------------------|
| A | handsome : young | B | beautiful : ugly |
| C | summer : spring | D | complete : total |

2. COMPLICATED : SOPHISTICATED

- | | | | |
|---|----------------------|---|--------------------|
| A | elaborate : complete | B | costly : expensive |
| C | cheap : gross | D | tall : long |

3. FRUIT : RIPE

- | | | | |
|---|-----------------|---|------------------|
| A | flower : yellow | B | bee : honey |
| C | cheese : aged | D | motorcycle : car |

4. SCHOOL : CLASS

- | | | | |
|---|----------------|---|--------------------|
| A | flour : cake | B | apartment : palace |
| C | horse : animal | D | computer : mouse |

5. POETRY : IMAGINATION

- | | | | |
|---|----------------------|---|---------------------|
| A | studying : chemistry | B | prayer : meditation |
| C | work : result | D | run : fast |



Odd one out

Instructions

choose the word which does not belong to the group in each of the following questions and mark your choice on your answer sheet.

6.

A Mars

B Saturn

C Mercury

D Sun

7.

A Golf

B Billiards

C Cricket

D Volley ball

8.

A Four

B Book

C Silk

D Milk

9.

A Radio

B Television

C Loudspeaker

D Program

10.

A Sprinting

B Jumping

C Jogging

D Running



Contextual text error

Instructions

One of the four highlighted words in each of the following passages does NOT fit the meaning of the text. Choose that word, and mark your choice on your answer sheet.

There is a strong connection between one's lifestyle and various health benefits. Increased **pusillanimity**, reduced heart disease, improved mental ability and better moods can all be achieved through lifestyle choices. Studies have shown that a one hour nap can actually improve our mental **alertness** by up to 10 hours. So the next time you're being **chastised** for nodding off, remember this – some of the world's greatest minds have been **advocates** of the power nap – including Leonardo da Vinci who is said to have taken a 20 minute nap every four hours.

11.

- | | | | |
|---|---------------|---|-----------|
| A | pusillanimity | B | alertness |
| C | chastised | D | advocates |

Charisma **breeds** a dangerous deference in underlings. It leads to **diaries** so packed there is no time for reflection, and no need for it either. Self-confidence is fine for movie stars, but in the business world it stops bosses from being challenged, and from realizing that their big ideas are mostly **fleeting, substantial** and troublesome.

12.

- | | | | |
|---|----------|---|-------------|
| A | breeds | B | diaries |
| C | fleeting | D | substantial |



in 1899, the famous American psychologist, William James published a small book called *Talks to Teachers*, in which he sought to explain how to **apply** psychology to education—that is, he sought to use what he called “the science of the mind’s workings” to generate practical **evidence** for classroom teachers. At the time, the book was not much of a success, largely for two reasons: (a) there was a lack of research **proof** on how learning works (that is, the science of learning), and (b) there was an **absence** of research-based principles concerning how to help people learn (that is, the science of instruction)

13.

- | | | | |
|---|-------|---|----------|
| A | apply | B | evidence |
| C | proof | D | absence |

On the first of August I set sail (for England) on the **steamer** Caledonia. At four o’clock in the afternoon, we were **out of** sight of land; one by one, we had taken leave of every **subject** which could be seen from the **leaving** vessel.

14.

- | | | | |
|---|---------|---|---------|
| A | steamer | B | out of |
| C | subject | D | leaving |

When he was five years old, the boy **jotted** on the bedroom wall with a **perpetual** marker, leaving an **eradicable** mark that would still be there even after he grew up and **relocated**.

15.

- | | | | |
|---|------------|---|-----------|
| A | jotted | B | perpetual |
| C | eradicable | D | relocated |



Sentence Completion

Instructions

Choose the best answer to complete the following sentences, and mark your choice on your answer sheet.

16. When I was , I always thought my classes were very difficult and feared that when I got older my would be impossible.

- | | | | |
|---|--------------------|---|-------------------|
| A | a child / movement | B | abroad / past |
| C | wiser / mission | D | younger / studies |

17. Some recent studies that some saturated fats, unlike previously thought, really contain anti-aging

- | | | | |
|---|-----------------|---|-------------------|
| A | show / benefits | B | prove / harms |
| C | assume / surge | D | propose / results |

18. Samir's favorite is traveling; he especially likes countries that are new to him.

- | | | | |
|---|------------------|---|--------------------------|
| A | hobby / visiting | B | assignment / familiar |
| C | sport / rough | D | recreation / remembering |

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19. One of the most things in life is self-concept; with a positive one, no is too big to solve.

- | | | | |
|---|--------------------|---|-----------------------|
| A | awesome / obstacle | B | important / problem |
| C | significant / harm | D | crucial / imagination |

20. It is hard to imagine how things were before were invented; we certainly couldn't information as easily as we can now.

- | | | | |
|---|-----------------|---|---------------------|
| A | computers / get | B | televisions / print |
| C | clocks / obtain | D | cars / build |



Reading Comprehension

Instructions

Read the following passage, then choose the best answer to each of the questions that follow, and mark your choice on your answer sheet.

1. A newspaper reporter interviewed a farmer who won top prizes for his corn in the farmers' festival year after year. In the interview, the reporter discovered that the farmer shared his seed corn with his neighbors. "How can you afford to share your best seed with your neighbors when they are entering in corn competition with **yours** each year?" the reporter asked.
2. "Why sir," said the farmer, "didn't you know? The wind picks up pollen from the ripening corn and blows it from field to field. If my neighbors grow low quality corn, cross-pollination will steadily lower the quality of my corn. If I am to grow good corn, I must help my neighbors grow good corn." From his answer it is clear that the farmer is very much aware of the connectedness of life. His corn cannot improve unless his neighbor's corn also improves.
3. So it is with our lives. Those who choose to live in peace must help their neighbors to live in peace. Those who choose to live well must help others to live well, for the value of a life is measured by the lives it touches. And those who choose to be happy must help others to find happiness, for the welfare of each is bound up with the welfare of all.

Questions

21. The possessive pronoun **yours** in paragraph (1) refers to:

- | | | | |
|---|------------|---|--------------|
| A | the farmer | B | the seeds |
| C | the corn | D | the reporter |

22. What does the farmer imply when he says "Why sir..." at the beginning of paragraph (2)?

- | | |
|---|------------------------|
| A | Why don't you know? |
| B | Why are you surprised? |
| C | Why don't you do that? |
| D | Why did you ask me? |



23. The phrase '**the connectedness of life**' in paragraph (2) means:

- A the beginning and end
- B the sequence of events
- C the continuity of mankind
- D the interdependence of things

24. We can infer from the passage that the competition involved:

- | | | | |
|---|----------|---|---------------------|
| A | quality | B | means of production |
| C | quantity | D | use of pesticide. |

25. The views expressed in paragraph (3) are those of:

- | | | | |
|---|-------------|---|---------------|
| A | the farmer | B | the reporter |
| C | the writers | D | the neighbors |

26. The farmer's action exemplifies:

- | | | | |
|---|---------------|---|--------------|
| A | sharing | B | selfishness |
| C | individuality | D | independence |

27. The best title for this passage is:

- A The Wisdom of a Reporter
- B The Recovery of Wisdom
- C The Power of Sharing
- D The Virtues of Competition



QUANTITATIVE SECTION

Multiple Choice Questions

Instructions

In the following problems, you are given four choices. Only one of them is right. Choose the right answer, and mark it on your answer sheet.

1. $\frac{\frac{1}{2}}{\frac{1}{3}} \times \frac{\frac{1}{3}}{\frac{1}{6}} \times \frac{1}{\frac{1}{3}} =$

A $\frac{1}{9}$

B $\frac{1}{6}$

C 1

D 9

2. Two cars started a journey on the same road from opposite starting points. The speed of the first car is 120 km/h and the speed of the other car is 60 km/h. If it takes the first car 9 hours to cover half the distance, how long will it take the second car to cover the same distance?

A 18

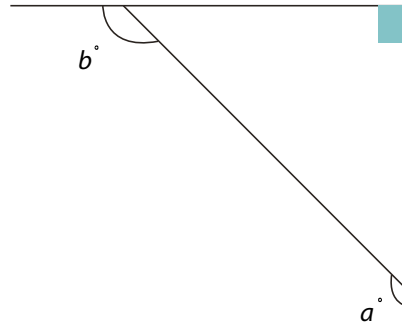
B 16

C 14

D 12



3. In the triangle below, what is the value of $(a^\circ + b^\circ)$?



A 120

B 180

C 240

D 270

4. 0.03% of 0.03% of $1000 =$

A 0.000009

B 0.00009

C 0.0009

D 0.009

5. If $27^x = 9^{x+3}$, what is the value of x ?

A 2

B 3

C 4

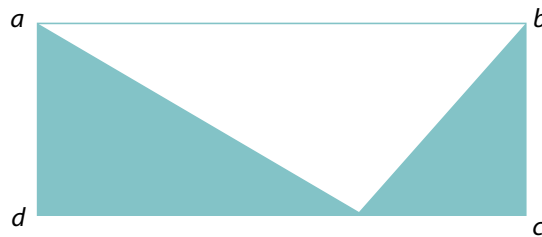
D 6



6. When a number is divided by 9, and the remainder is 6, then what is the remainder when six times this number is divided by 9?

- | | | | |
|---|---|---|---|
| A | 0 | B | 1 |
| C | 3 | D | 6 |

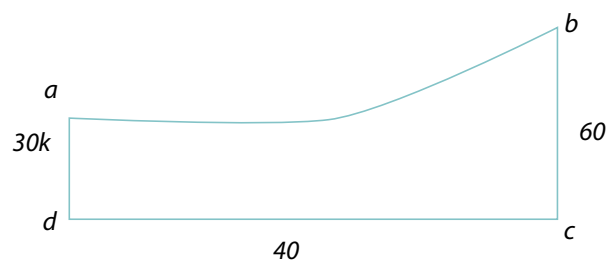
7. The width of the rectangle $a b c d$ below is equal to one third of its length, and its perimeter equals 64 cm. What is the area of the shaded parts in square centimeters?



- | | | | |
|---|-----|---|-----|
| A | 84 | B | 96 |
| C | 124 | D | 192 |

8. A man starts a journey by driving directly south for 30 km, then directly East for 40 km, and finally directly north for 60 km. What is the shortest distance between the points where he stopped and where he started?

- | | | | |
|---|----|---|----|
| A | 60 | B | 55 |
| C | 50 | D | 45 |





9. If $y = \frac{x-m}{f+m}$, which of the following is correct?

A $m = \frac{y+1}{x-yf}$

B $m = \frac{x-yf}{y+1}$

C $m = \frac{x+yf}{y+1}$

D $m = \frac{x+yf}{y+1}$

10. Ahmad has 4 Riyals less than double the amount of what Walid has. Ali has one third of what Ahmad has. If the three of them have 134 Riyals, how much does Ali have?

A 18

B 20

C 24

D 36

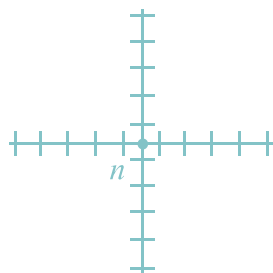
11. What is the area of a circle n , whose perimeter passes through the point $(-4, 3)$?

A 5π

B 10π

C 25π

D 50π





12. The price of a TV in 1970 increased by 300% in 1980. The price of the 1980 model TV increased by 200% in 1990. By what percentage did the price increase from 1970 to 1990?

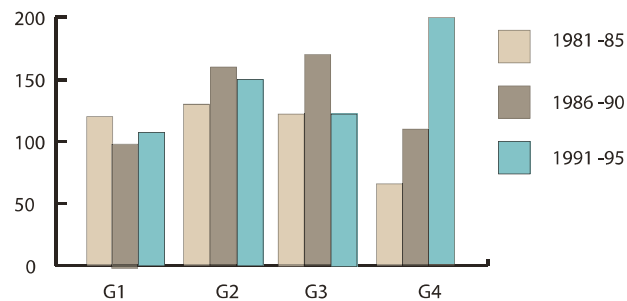
- | | | | |
|---|------|---|-------|
| A | 500% | B | 600% |
| C | 900% | D | 1100% |

13. The average of seven numbers is 12, and the average of three of them is -11. What is the sum of the other four numbers?

- | | | | |
|---|----|---|-----|
| A | 33 | B | 63 |
| C | 84 | D | 117 |

Questions 14 - 18 relate to the following graph.

Education Budget of Four Economic Groups of Countries



14. Which group spent more on education during the first period (1981- 1985)?

- | | | | |
|---|----|---|----|
| A | G1 | B | G2 |
| C | G3 | D | G4 |



15. The approximate percentage of increase of the education budget by Group 2 from the first period to the second period is:

- | | | | |
|---|-----|---|-----|
| A | 40% | B | 46% |
| C | 51% | D | 55% |

16. On average, the group which spent more on education than any other group is:

- | | | | |
|---|----|---|----|
| A | G1 | B | G2 |
| C | G3 | D | G4 |

17. If there is a 20% increase in the education budget for Group 3 in the coming fourth period, what amount will be spent?

- | | | | |
|---|-----|---|-----|
| A | 150 | B | 160 |
| C | 165 | D | 170 |

18. Spending on education is associated with progress. Accordingly, which group needs to spend more money on education?

- | | | | |
|---|----|---|----|
| A | G1 | B | G2 |
| C | G3 | D | G4 |



Comparison Questions

Instructions

In the following problems there are two values, one in column A and the other in column B, followed by four answers. Choose the right answer, and mark your choice on your answer sheet.

19. Compare:

Column A	Column B
$\left[\frac{1}{2} \times \frac{1}{3} \times \frac{1}{7} \times \frac{1}{5}\right] - \frac{1}{9}$	$\left[\frac{1}{6} \times \frac{1}{35}\right] - \frac{1}{11}$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The given information is NOT sufficient to answer the question.	

20. If $4y - 3 > 13$, compare:

Column A	Column B
y^4	y^4
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The given information is NOT sufficient to answer the question.	



21. In the figure below, the length of xy is equal to 16 cm and the length of xz is equal to 2 cm. If m is the midpoint of zy , compare:



Column A	Column B
The length of xm	cm 9
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The given information is NOT sufficient to answer the question.	

22. If $x + y > 0$ and $y > x$, compare:

Column A	Column B
$\frac{1}{y}$	$\frac{1}{x}$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The given information is NOT sufficient to answer the question.	



Answer Key

Verbal Section

Question No.	Answer
1	B
2	B
3	C
4	D
5	B
6	D
7	B
8	C
9	D
10	B
11	C
12	D
13	D
14	C
15	C
16	D
17	A
18	A
19	B
20	A
21	A
22	B
23	D
24	A
25	C
26	A
27	C

Quantitative Section

Question No.	Answer
1	D
2	A
3	D
4	B
5	D
6	A
7	B
8	C
9	B
10	C
11	C
12	D
13	D
14	C
15	B
16	C
17	A
18	A
19	B
20	A
21	C
22	D

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