

1. What is the meaning of 'A bad egg'?
A. Someone who regularly makes mistakes
B. Someone dishonest and unreliable
C. An unhygienic person
D. An extremely unlucky person
2. Identify the figure of speech in the sentence:
"Speech is silver, but silence is golden."
A. Metaphor
B. Antithesis
C. Simile
D. Epigram
3. She _____ have missed the bus because she arrived late.
A. must
B. will
C. shall
D. might
4. Select the option that can be used as a one-word substitute for the given group of words.
Formally put an end to a system, practice, or institution
A. Rescind
B. Extirpate
C. Abolish
D. Obfuscate
5. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. This has an impact not just on global poverty, but also on Indians' awareness of the country's poverty for the first time in a decade.
B. And, for the first time in a decade, this update includes India's poverty data.
C. From 15 September, a new global poverty line has been established, with the World Bank revising its data in the Poverty and Inequality Platform on this basis.
D. According to Sunitha Sinha, Roy and Roy van der Weide of the World Bank's Policy Research Working Paper, "poverty in India had dropped over the recent decade, although not as much as previously thought."
A. CBAD
B. DBAC
C. DBCA
D. CADB
6. The reflex angle between the hands of a clock at 10:25 is:
A. 197.5°

- B. 187.5°
- C. 172.5°
- D. 162.5°

7. Statement: Illegal construction in a region, which draws thousands of tourists annually, has been causing frequent landslides and flooding.

Courses of action:

- I. The government should ban all construction work in the area.
- II. Tourism in the area should be banned until illegal construction work stops completely.

- A. Only course of action I follows.
- B. Only course of action II follows.
- C. Both courses of action I and II follow.
- D. Neither course of action I nor course of action II follows.

8. Input: but 32 71 glory fair south 65 84

Step I: south but 32 71 glory fair 65 84

Step II: south 84 but 32 71 glory fair 65

Step III: south 84 glory but 32 71 fair 65

Step IV: south 84 glory 71 but 32 fair 65

Step V: south 84 glory 71 fair but 32 65

Step VI: south 84 glory 71 fair 65 but 32

Step VI is the last step of the rearrangement.

Step III of an input is: year 92 ultra 15 23 strive house 39.

How many more steps will be required to complete the rearrangement?

- A. 3
- B. 4
- C. 5
- D. 6

9. Statements:

All rings are necklaces.

All those necklaces which are not rings are earrings.

No earring is a bracelet.

Conclusions:

- I. Some bracelets are necklaces.
- II. No ring is a bracelet.
- A. only conclusion I follows.
- B. only conclusion II follows.
- C. either conclusion I or conclusion II follows.
- D. neither conclusion I nor conclusion II follows.

10. In a certain code language, 'they have come back' is written as 'na ja sa da' and 'they have gone there' is written as 'da ka pa na'. How is 'come' written in that code language?

- A. sa
- B. na

- C. ja
D. sa or ja

11. Find the missing number in the grid:

4	9	20
8	5	14
10	3	?

- A. 8
B. 11
C. 13
D. 16

12. Statement:

The traffic department launched a special drive in the city and issued heavy fines to motorists found using mobile phones while driving.

Assumptions:

- I. Motorists may reduce the use of mobile phones while driving in the future.
II. People are willing to pay fines for using mobile phones while driving.
A. Only I is implicit
B. Only II is implicit
C. Both I and II are implicit
D. Neither I nor II is implicit

13. How many such pairs of letters are there in the word PERFORATE, each of which has as many letters between them in the word as in the English alphabet?

- A. None
B. One
C. Two
D. Three

14. The quadratic equation with rational coefficients, having one root $2+\sqrt{3}$ is

- A. $x^2 + 4x + 1 = 0$
B. $x^2 - 4x + 1 = 0$
C. $x^2 + 4x + 2 = 0$
D. $x^2 - 4x - 2 = 0$

15. If the sum of the first 11 terms of an arithmetic progression equals the sum of the first 19 terms, then the sum of its first 30 terms is

- A. 0
B. 11
C. 19
D. Cannot be determined

16. In how many days can 10 women finish a work?

- I. 10 men and 10 women together can complete the work in $3\frac{3}{7}$ days.
 II. If 10 men work for 3 days and thereafter 10 women replace them, the remaining work is completed in 4 days.

A. Only I is sufficient
 B. Only II is sufficient
 C. Both I and II are needed
 D. Data insufficient

17. A solid metallic sphere is melted down. The resulting metal, with a volume of $96\pi \text{ cm}^3$, is recast into a right circular cone with a height of 8 cm. What is the total surface area of this cone?

A. 60π
 B. 84π
 C. 96π
 D. 120π

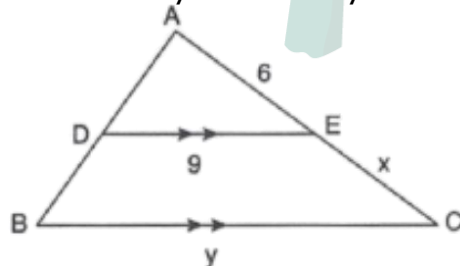
18. From a group of 7 men and 6 women, five people are to be selected to form a committee such that the committee includes at least three men. In how many ways can this be done?

A. 645
 B. 720
 C. 735
 D. 756

19. If $53p26p3$ is a 7-digit number divisible by 9, and if $757qp$ is divisible by 8, the minimum value of $p + q$ is:

A. 4
 B. 12
 C. 7
 D. 5

20. In the given figure, $DE \parallel BC$. $4AD = 3DB$, $AE = 6$, $DE = 9$, $EC = x$, and $BC = y$. What is $y-x$?



A. 3
 B. 4.5
 C. 7.5
 D. 13

Answers:

1. B
2. B
3. D
4. C
5. A
6. A
7. D
8. B
9. C
10. D
11. B
12. A
13. C
14. B
15. A
16. C
17. C
18. D
19. A
20. D

