

1. Select the option that gives the most appropriate meaning of the underlined idiom.

You have put me in a tight corner by telling me to keep quiet.

- A. An embarrassing situation
- B. A secret place
- C. A difficult situation
- D. An unexpected reward

2. Mark the option with an error in it.

- A. Although Reena and
- B. Meena are twins,
- C. Reena is very different
- D. than her sister.

3. In the following question, out of the given four alternatives, select the one that best expresses the meaning of the given word.

Guzzle

- A. Sip
- B. Imbibe
- C. Starve
- D. Release

4. Spot the figure of speech used in the sentence: "I have told you a thousand times to clean your room!"

- A. Hyperbole
- B. Metaphor
- C. Irony
- D. Alliteration

5. Select the wrongly spelt word.

- A. Unconventional
- B. Alturistic
- C. Bureaucrat
- D. Ebullience

6. Find the missing number: 5, 1, ?, -10, -44, -224

- A. -5
- B. -4
- C. -2
- D. -3

7. A. The prices of fruits have dropped substantially during the last few days.

B. The prices of food grains have increased substantially during the last few days.

A. statement A is the cause and statement B is its effect

B. statement B is the cause and statement A is its effect

- C. both statements A and B are effects of some common cause
- D. both statements A and B are effects of independent causes

8. In a certain code language 'how many are there' is written as 'ka na ta da' and 'many are welcome here' is written as 'na pi ni ka'. How is 'how' written in that code language?

- A. ta
- B. da
- C. ta or da
- D. Data inadequate

9. If

'P x Q' means 'P is the wife of Q'.

'P ÷ Q' means 'P is the father of Q'.

'P + Q' means 'P is a son of Q'.

'P - Q' means 'P is a sister of Q'.

E + F x G ÷ H. How are E and H related?

- A. Brothers
- B. Siblings
- C. Cousins
- D. Sisters

10. If DRKMSI is coded as JTNLSE then what will be code for EOUGQW?

- A. VRGVPF
- B. XRHVOE
- C. WQHVPF
- D. None of these

11. If exactly one of these statements is false, which statement is false?

- A. Statement D is true.
- B. Statement A is false.
- C. Statement B is false.
- D. Statement C is true.

12. There are 6 cousins, A, B, C, D, E and F. It is known that C is older than F. B is older than E but younger than C. A and D are older than C. F is the youngest cousin. Then who is the eldest cousin?

- A. A
- B. B
- C. D
- D. Can't be determined

13. Statement:

The school will not achieve its academic targets unless experienced faculty members are hired.

Assumptions:

(I) Hiring experienced teachers will definitely help the school meet its academic targets.

(II) The school currently does not have enough experienced teachers.

- A. both I and II are implicit
- B. only assumption I is implicit
- C. only assumption II is implicit
- D. neither I nor II is implicit

14. The least number that must be subtracted from 63520 to make the result a perfect square is

- A. 16
- B. 20
- C. 24
- D. 30

15. The total surface areas of a sphere and a cube are in the ratio 2:3. What is the ratio of volumes of sphere to cube?

- A.  $2:3\sqrt{\pi}$
- B.  $8:3\sqrt{\pi}$
- C.  $4:3\sqrt{\pi}$
- D.  $1:3\sqrt{\pi}$

16. Rs. 476 is divided among Ajit, Billu and Chintu such that for every Rs. 2 that Ajit receives, Billu receives Rs. 5 and for every Rs. 3 that Billu receives, Chintu receives Rs. 7. Find Ajit's share.

- A. Rs. 51
- B. Rs. 55
- C. Rs. 57
- D. Rs. 49

17. A, B and C entered into a partnership. A invested 25600 and B invested 20000. At the end of the year, they gained 11.05 lakhs, of which A got 3.2 lakhs. C's capital was

- A. 45600
- B. 42800
- C. 48400
- D. 44000

18. The marked price of a watch was Rs. 820. A man bought the watch for Rs. 570.72 after getting two successive discounts, of which the first was 20%. The second discount was

- A. 18%
- B. 15%
- C. 12%
- D. 13%

19. If  $7 \sin^2 \theta + 3 \cos^2 \theta = 4$  ( $0^\circ \leq \theta \leq 90^\circ$ ), then the value of  $\theta$  is

- A.  $\pi/6$
- B.  $\pi/4$
- C.  $\pi/3$
- D. None of these

20. Find the value of  $x$ :  $6^{1.2} \times 36^x \times 30^{2.4} \times 25^{1.3} = 30^5$

- A. 0.3
- B. 0.7
- C. 1.4
- D. None of these



**Answers:**

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

