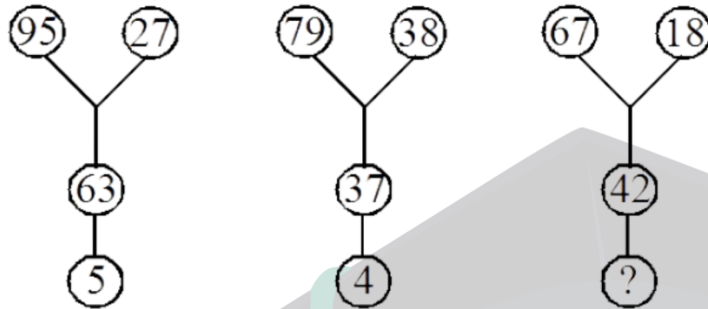


1. _____ you mind lending me your book for a day?
A. Could
B. Would
C. Need
D. May
2. Identify the figure of speech in the sentence:
"He is the Einstein of our class."
A. Personification
B. Hyperbole
C. Allusion
D. None of these
3. Select the most appropriate meaning of the given idiom.
A hair in the butter
A. A slippery road
B. Easy to handle
C. Sinking into debt
D. A challenging situation
4. Select the option that expresses the given sentence in active voice.
Wedding invitations will be sent by them.
A. They will send wedding invitations.
B. They will be sent wedding invitations.
C. They will have sent wedding invitations.
D. They will be sending wedding invitations.
5. Select the most appropriate one-word substitution for the given words.
A government by the nobles
A. Democracy
B. Oligarchy
C. Aristocracy
D. Monarchy
6. The government's new renewable energy policy aims to increase solar power generation significantly and boost investment in green infrastructure across the country.
Conclusions:
I) Solar energy production in the country is likely to rise.
II) Fossil fuel imports will drop next year.
A. None can be concluded
B. Only I can be concluded
C. Only II can be concluded
D. Both I and II can be concluded

7. Rahul's mother and Sneha's father are first cousins. What is the relationship between Rahul and Sneha?

- A. Second cousins
- B. Third cousins
- C. Siblings
- D. None of these

8. Find the missing number



- A. 5
- B. 6
- C. 7
- D. 8

9. Paddy: Field:: Steel: ?_

- A. Factory
- B. Ore
- C. Mine
- D. Iron

10. If in the number 48629573, 1 is added to each prime digit, 2 is subtracted from each odd non-prime digit, and 1 is subtracted from each even digit, and the resulting digits are then arranged in ascending order from left to right, which digit will be 4th from the left?

- A. 8
- B. 4
- C. 7
- D. 5

11. A person walked for 3 km, then took a right turn and walked 5 km, then a left turn and walked 4 km, and again took a right turn and walked 6 km. He then took three consecutive left turns and walked 7 km, 15 km and 4 km respectively. If the person is now facing west, then in which direction did he start walking initially?

- A. North
- B. West
- C. South
- D. East

12. -5A, 0F, -3C, 20Z, _____, 19Y

- A. 4K
- B. 3G
- C. 2H
- D. 5I

13. Online learning platforms have seen exponential growth as students and professionals seek flexible ways to upgrade their skills. Many users now consider online certifications just as credible as traditional classroom-based learning.

Inferences:

I) Online learning platforms provide a wider range of courses than traditional universities.

II) People value convenience in education.

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

14. A six-digit number 4ABB8A is a multiple of 33 for non-zero digits A and B. How many values can B take?

- A. 1
- B. 2
- C. 3
- D. 4

15. The selling price of the first article is 365, and the cost price of the second article is 365. If there is a loss of 20% on the first article and a profit of 20% on the second article, what is the overall profit or loss percentage?

- A. 1.8% loss
- B. 2.22% loss
- C. 4% loss
- D. No profit, no loss

16. If $2x + 3y - 5z = 18$, $3x + 2y + z = 29$ and $x + y + 3z = 17$, then what is the value of $xy + yz + zx$?

- A. 52
- B. 32
- C. 64
- D. 46

17. Two pipes, A and B, can fill a tank in 18 minutes and 24 minutes, respectively. If both the pipes are opened simultaneously, then after how much time should pipe B be closed so that the tank is full in 12 minutes?

- A. 6 minutes
- B. 9 minutes
- C. 4 minutes

D. None of these

18. In a triangle ABC, D is a point on BC such that $AB/AC = BD/DC$. If $\angle B = 68^\circ$ and $\angle C = 52^\circ$, then the measure of $\angle BAD$ is equal to:

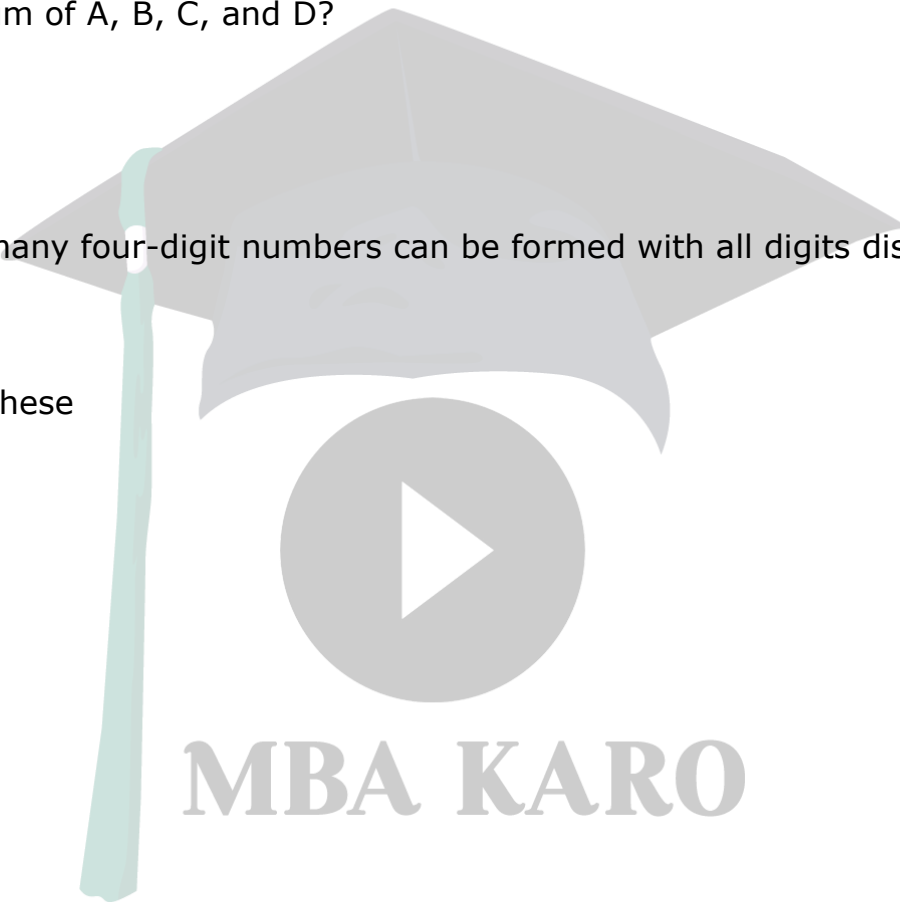
- A. 26°
- B. 30°
- C. 34°
- D. 41°

19. There are four positive integers: A, B, C, and D. A is 25% more than B, and B is 40% less than C. If C is 30% more than D, then find the minimum sum of A, B, C, and D?

- A. 811
- B. 734
- C. 309
- D. 412

20. How many four-digit numbers can be formed with all digits distinct?

- A. 3024
- B. 4536
- C. 5040
- D. None of these



Answers:

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

