

# CUET 2026 May 12 Shift-2 (GAT)

## Question Paper (Memory-Based) PDF

Conducted by National Testing Agency (NTA)



### General Instructions

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- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +5 marks for correct answer and -1 mark for wrong answer.
- (iii) The total number of questions are 50.
- (iv) Duration of the exam is 1 hour (60 minutes).

1. A cylinder has radius 7 cm and height 10 cm. Find its curved surface area. [CSA =  $2\pi rh$ ]

- (A)  $220 \text{ cm}^2$
- (B)  $440 \text{ cm}^2$
- (C)  $560 \text{ cm}^2$
- (D)  $770 \text{ cm}^2$

2. If  $\sin \theta = \frac{3}{5}$ , then find  $\cos \theta$ . [ $\sin^2 \theta + \cos^2 \theta = 1$ ]

- (A)  $\frac{4}{5}$
- (B)  $\frac{5}{4}$
- (C)  $\frac{3}{4}$
- (D)  $\frac{2}{5}$

3. The mean of 5 numbers is 24. If four numbers are 18, 22, 26 and 30, then the fifth number is:

- (A) 20
- (B) 22

- (C) 24
  - (D) 25
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**4. In how many ways can the letters of the word "CAT" be arranged?**

- (A) 3
  - (B) 6
  - (C) 9
  - (D) 12
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**5. Find the next term in the sequence: (3, 6, 12, 24, ?)**

- (A) 36
  - (B) 42
  - (C) 48
  - (D) 96
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**6. Find the HCF of 24 and 36.**

- (A) 6
  - (B) 12
  - (C) 18
  - (D) 24
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**7. The ratio of boys to girls in a class is 5 : 3. If there are 40 boys, how many girls are there?**

- (A) 20
  - (B) 24
  - (C) 28
  - (D) 32
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**8. A can complete a work in 12 days and B in 18 days. In how many days will they complete the work together?**

- (A) 6 days
  - (B) 7.2 days
  - (C) 8 days
  - (D) 9 days
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**9. If "APPLE" is coded as "BQQMF", then "MANGO" is coded as:**

- (A) NBOHP
  - (B) LZMFO
  - (C) NCPHQ
  - (D) ODRIP
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**10. Which country hosted the ICC Cricket World Cup 2023?**

- (A) Australia
  - (B) England
  - (C) India
  - (D) South Africa
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