

CUET 2026 May 18 Shift-1 (GAT)

Question Paper (Memory-Based) PDF

Conducted by National Testing Agency (NTA)



General Instructions

- (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. The volume of a right circular cone is 1232 cm^3 and its height is 14 cm. Find the radius of the base (use $\pi = 22/7$).

- (a) 7 cm
- (b) 14 cm
- (c) 21 cm
- (d) 28 cm

2. If $\sin \theta = 3/5$ and θ is an acute angle, then the value of $(\sec \theta + \tan \theta)$ is :

- (a) $8/3$
- (b) $5/3$
- (c) $17/8$
- (d) $17/3$

3. The mean of 5 numbers is 28. If one number is excluded, the mean of the remaining 4 numbers becomes 25.5. The excluded number is:

- (a) 35
 - (b) 36
 - (c) 37.5
 - (d) 40
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4. How many ways can 4 boys and 3 girls be seated in a row such that all girls sit together?

- (a) 720
 - (b) 144
 - (c) 840
 - (d) 5040
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5. The 7th term of an Arithmetic Progression is 40 and the 13th term is 70. Find the 21st term of the AP.

- (a) 100
 - (b) 110
 - (c) 120
 - (d) 130
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6. The LCM of two numbers is 180 and their HCF is 6. If one of the numbers is 30, find the other number.

- (a) 36
 - (b) 42
 - (c) 45
 - (d) 54
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7. A can complete a work in 12 days and B can complete the same work in 18 days. If A and B work together for 4 days and then A leaves, how many more days will B take to finish the remaining work?

- (a) 6 days
 - (b) 8 days
 - (c) 9 days
 - (d) 10 days
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8. Find the compound interest on 8000 for 2 years at 10% per annum compounded annually.

- (a) 1680
 - (b) 1720
 - (c) 1760
 - (d) 1800
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9. In a certain code language, 'P is brother of Q' is written as 'P#Q', 'Q is sister of R' is written as 'Q\$R', 'R is father of S' is written as 'R@S'. How is P related to S?

- (a) Uncle
 - (b) Brother
 - (c) Father
 - (d) Grandfather
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10. At what time between 4 and 5 o'clock will the hands of a clock be at right angles for the first time? (Approximately)

- (a) 4:05
 - (b) 4:38
 - (c) 4:55
 - (d) 4:22
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