



CUET 2026 GAT May 22 Shift 1

Question Paper (Memory-Based)

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. A 5 cm long perpendicular is drawn from the centre of a circle to a 24 cm long chord. Find the diameter of the circle.

- (A) 26 cm
- (B) 32 cm
- (C) 13 cm
- (D) 30 cm

2. A pump can fill a tank with water in 2 hours. Because of a leak, it took 2 hours and 20 minutes to fill the tank. The leak can drain all the water of the tank in:

- (A) 14 hours
- (B) 12 hours
- (C) 10 hours
- (D) 8 hours

3. The ratio of the supplementary and the complementary angles of an angle is 3 : 1. What is the supplementary angle of the given angle?

- (A) 45°
 - (B) 60°
 - (C) 120°
 - (D) 135°
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4. A sum becomes five times of itself in 8 years at simple interest. What is the rate of interest per annum?

- (A) 37.5%
 - (B) 25%
 - (C) 50%
 - (D) 12.5%
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5. In how many years shall Rs. 3,500 invested at the rate of 10% simple interest per annum, amount to Rs. 4,500?

- (A) $2\frac{4}{7}$ years
 - (B) $2\frac{3}{7}$ years
 - (C) $2\frac{6}{7}$ years
 - (D) $2\frac{5}{7}$ years
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6. A 9 cm solid metallic cube and a solid metallic cuboid having dimensions 5 cm, 13 cm, 31 cm are melted and recast into a single cube. What is the total surface area (in cm^2) of the new cube?

- (A) 1362
- (B) 865
- (C) 2744

(D) 1176

7. Let A and B be two cylinders such that the capacity of A is the same as the capacity of B. The ratio of the diameters of A and B is 1 : 4. What is the ratio of the heights of A and B?

- (A) 16 : 3
 - (B) 16 : 1
 - (C) 1 : 16
 - (D) 3 : 16
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8. A person lent certain sum of money at the annual rate of 5 percent on simple interest. In 4 years, the interest amounted to Rs. 800. What is the sum lent?

- (A) Rs. 4000
 - (B) Rs. 2000
 - (C) Rs. 1600
 - (D) Rs. 3200
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9. A diver rowing at the speed of 3 km/h in still water takes double the time going 50 km upstream compared to going 50 km downstream. The speed of the diver downstream is

- (A) 3 km/h
 - (B) 6 km/h
 - (C) 4 km/h
 - (D) 5 km/h
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10. 2 dice are thrown in the air. Find the probability of getting a sum less than 11.

- (A) $7/12$
 - (B) $11/12$
 - (C) $5/12$
 - (D) $1/3$
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