



CUET 2026 GAT May 22 Shift 2

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 car travels 105 km in 3 hours and a train travels 252 km in 4 hours. The ratio of speed of the car to that of the train is:

- (A) 9 : 11
- (B) 3 : 5
- (C) 2 : 7
- (D) 5 : 9

2. The diameter of a circular garden is 140 m. Its area is equal to a rectangular field whose sides are in the ratio 11 : 7. The perimeter (in m) of the rectangular field is (take $\pi = \frac{22}{7}$):

- (A) $360\sqrt{2}$
- (B) $180\sqrt{2}$
- (C) $120\sqrt{2}$
- (D) $270\sqrt{2}$

3. If 12 men or 20 women can do a work in 54 days, then in how many days can 9 men and 12 women together do the work?

- (A) 38 days
- (B) 32 days

- (C) 40 days
(D) 35 days
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4. The angle of elevation of the top of a hill at the foot of the tower is 60° and the angle of elevation of the top of the tower from the foot of the hill is 30° . If the tower is 50 m high, what is the height of the hill?

- (A) 180 m
(B) 120 m
(C) 100 m
(D) 150 m
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5. A can do $\frac{1}{3}$ of a work in 30 days. B can do $\frac{4}{5}$ of the same work in 24 days. They worked together for 20 days. C completed the remaining work in 8 days. Working together A, B and C will complete the same work in:

- (A) 15 days
(B) 10 days
(C) 18 days
(D) 12 days
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6. Indu gives Bindu a loan of Rs 1250 for 2 years at 4% annual compound interest rate. How much rupee would he have lost if he had given that amount on loan for 2 years at 4% simple interest?

- (A) 10
(B) 8
(C) 3
(D) 2
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7. A person rows at 6 km/h in still water. It takes him twice the time to row upstream than to row downstream. Find the speed of the stream.

- (A) 2 km/h
(B) 3 km/h
(C) 4 km/h
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(D) 1.5 km/h

8. A man walks at a speed of 8 km/h. After every kilometre, he takes a rest for 4 minutes. How much time will he take to cover a distance of 6 km?

- (A) 70 minutes
 - (B) 69 minutes
 - (C) 65 minutes
 - (D) 60 minutes
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9. The shadow of a tower standing on a level plane is 30 m longer when sun's elevation changes from 60° to 30° . Find the height of the tower.

- (A) $10\sqrt{3}$ meter
 - (B) 15 meter
 - (C) $30\sqrt{3}$ meter
 - (D) $15\sqrt{3}$ meter
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10. The mean of 10 observations was calculated as 40. It was detected on rechecking that the value of one observation 45 was wrongly copied as 15. Find the correct mean.

- (A) 43
 - (B) 34
 - (C) 40
 - (D) 60
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