

TANCET MCA 2026 May 9 Shift 1

Question Paper (Memory-Based)

Conducted by Anna University



General Instructions

- (i) TANCET 2026 MCA Question Paper is divided into 4 sections.
- (ii) TANCET MCA Question Paper consists of 100 questions for a total of 100 marks to be attempted in 2 hours.
- (iii) Physics and Chemistry and Mathematics each contain 60 questions.
- (iv) Each question carries +1 marks for correct answer and there is no negative marking for wrong answer.

1. If $3\sqrt{5} + \sqrt{125} = 17.88$, then what will be the value of $\sqrt{80} + 16\sqrt{5}$?

- (A) 22.35
- (B) 44.7
- (C) 13.41
- (D) 21.66

2. If m and n are whole numbers and $m^n = 196$, what is the value of $(m-3)^{n+1}$?

- (A) 1
- (B) 121
- (C) 2744
- (D) 1331

3. If each edge of a cube is increased by 50%, find the percentage increase in its surface area.

- (A) 125
 - (B) 150
 - (C) 175
 - (D) 110
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4. The average age of a class of 22 students is 21 years. The average increased by 1 when the teacher's age also included. What is the age of the teacher?

- (A) 48
 - (B) 45
 - (C) 43
 - (D) 44
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5. A vendor bought 6 toffees for a rupee. How many for a rupee must he sell to gain 20%?

- (A) 3
 - (B) 4
 - (C) 5
 - (D) 6
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6. A trader mixes 26 kg of rice at Rs.20 per kg with 30 kg of rice of other variety at Rs.36 per kg and sells the mixture at Rs.30 per kg. His profit percent is

- (A) No profit, no loss
 - (B) 5
 - (C) 8
 - (D) 10
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7. Tarun got 30% concession on the labelled price of an article and sold it for Rs.8,750 with 25% profit on the price he bought. What was the labelled price?

- (A) Rs.10,000

- (B) Rs.12,000
 - (C) Rs.16,000
 - (D) Rs.18,000
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8. In a group of 25, 10 have studied French, 11 have studied Spanish, and 8 have not studied either. How many of these studied both French and Spanish?

- (A) 0
 - (B) 4
 - (C) 12
 - (D) 6
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9. Sita, Rita, Gita and Latha are 4 Sisters. If the following statements are all true, who among them is the youngest?

- (i) Sita is the oldest.**
- (ii) Latha is not the oldest.**
- (iii) Gita is younger to Rita**
- (iv) Gita is not the youngest**

- (A) Sita
 - (B) Latha
 - (C) Gita
 - (D) Rita
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