

TANCET MBA 2026 - Sample Questions

Section A: Business Analysis

1. If the sales increased by 25% from 800 units in January, what is the February sales figure?
2. A pie chart shows 40% revenue from Product A and 60% from Product B. If total revenue is ₹5,00,000, how much revenue comes from Product A?
3. What is the difference between gross profit and net profit?
4. Which factor is most likely to improve cash flow?
5. If a company's expenses are 70% of revenue, what is the profit percentage?
6. The company has a debt-equity ratio of 2:1. What does it imply?
7. Which among the following is a fixed cost: (a) Electricity (b) Raw materials (c) Rent (d) Sales commission?
8. What is SWOT analysis used for?
9. In a bar chart, if the production rises steadily over 6 months, what is the trend called?
10. A firm's revenue increased from ₹12 lakh to ₹15 lakh. What is the percentage increase?

Section B: Reading Comprehension

1. Read a passage on corporate social responsibility. What is the main idea?
2. The author's tone in the passage is best described as: (a) Critical, (b) Appreciative (c) Neutral (d) Sarcastic
3. What does the term 'stakeholder engagement' mean in the context of the passage?
4. According to the passage, what is not an advantage of CSR?
5. What is implied by the phrase "triple bottom line"?
6. What is the purpose of the passage?

7. Which of the following is a synonym for 'sustainable' used in the passage?
8. The passage suggests that CSR is important because:
9. According to the passage, which sector has been most proactive in CSR?
10. What is the best title for the passage?

Section C: Quantitative Ability

1. Solve for x: $2x+3=15$ $2x + 3 = 15$ $2x+3=15$
2. If the average of 4 numbers is 20, what is their total?
3. What is 20% of 250?
4. If simple interest on ₹5000 for 2 years is ₹1000, what is the rate?
5. The ratio of boys to girls is 3:2. If there are 60 boys, how many girls are there?
6. A train travels 180 km in 3 hours. What is its speed?
7. If $x=4$ and $y=5$, find $3x+2y$ $3x + 2y$ $3x+2y$.
8. What is the area of a rectangle with a length of 8 m and a width of 6 m?
9. If profit is 25% of the cost price of ₹800, find the selling price.
10. What is the median of 5, 7, 9, 12, 15?

Section D: Data Sufficiency

1. What is the value of x?
Statement 1: $2x=10$ $2x=10$ $2x=10$
Statement 2: $x+2=7$ $x+2=7$ $x+2=7$
2. Is the number even?
1: It is divisible by 4.
2: It ends with 2.
3. What is the length of the rectangle?
1: Area = 50 sq m.
2: Width = 5 m.

4. Is A older than B?
1: A is 5 years older than C.
2: C is 3 years older than B.
5. What is the value of y?
1: $y - 2 = 8$.
2: $2y = 20$.
6. Is x positive?
1: $x^2 = 9$
2: $x > 0$
7. What is the perimeter of the square?
1: Side = 6 cm.
2: Diagonal = $6\sqrt{2}$ cm.
8. What is the value of p?
1: $2p = 14$
2: $p + 3 = 10$
9. Is the sum even?
1: Both numbers are even.
2: One number is odd.
10. What is the interest earned?
1: Principal = ₹5000.
2: Rate = 10% per annum for 2 years.

TANCET MCA 2026 - Sample Questions

Quantitative Ability & Analytical Reasoning

1. If $f(x) = 2x + 1$, what is $f(3)$?
2. What is the binary equivalent of decimal 10?
3. What is $(x+y)^2(x+y)^2$?
4. What is the LCM of 12 and 18?
5. Simplify: $63 + 42\frac{6}{3} + \frac{4}{2}36 + 24$

6. Find the next number in the series: 2, 4, 8, 16, ____
7. Which is larger: 252^5 or 525^2 ?
8. If $A = \{1, 2, 3\}$, how many subsets does A have?
9. Convert $(1101)_2$ to decimal.
10. If $x = 5$, what is $3x - 43x - 43x - 4$?

Logical Reasoning

1. All cats are animals. All animals are living beings. Therefore:
(a) All cats are living beings. (b) All living beings are cats. (c) Some cats are living beings. (d) None.
2. If all roses are flowers and some flowers fade quickly, which is true?
3. If 5 machines make 5 widgets in 5 minutes, how long does it take 100 machines to make 100 widgets?
4. If Monday is the 1st day, what day is the 10th day?
5. Which diagram best represents birds, sparrows, and animals?
6. If A is taller than B, and B is taller than C, who is the shortest?
7. Find the odd one: Circle, Square, Rectangle, Triangle.
8. If + means $\times$, and $\times$ means +, then $2+3\times 4 = ?$
9. Arrange in dictionary order: Apple, Ape, Apricot, Application.
10. One statement is false:
 - A: B is honest.
 - B: C is honest.
 - C: A and B are both honest.Who is lying?

Computer Awareness

1. What does CPU stand for?
2. Which is a non-volatile memory?
3. What is the function of an operating system?
4. Which language is used for web development?
5. What does HTTP stand for?
6. Which of the following is an example of input device?
7. What is the shortcut to copy text in Windows?
8. Which storage has the highest capacity?
9. What is an algorithm?
10. What is phishing?

TANCET M.E./M.Tech. 2026 - Sample Questions

(General Engineering and Mathematics)

1. What is the Laplace transform of 1?
2. If a system has poles in the right half s-plane, it is: (a) Stable (b) Unstable (c) Marginally stable (d) None.
3. What is the Fourier transform used for?
4. Solve: $\frac{dy}{dx} = 3x^2 \frac{dy}{dx} = 3x^2 \frac{dy}{dx} = 3x^2$
5. What is the Z-transform of a unit step sequence?
6. What is the rank of a 3×3 identity matrix?
7. A heat exchanger transfers heat from fluid A to B. What law governs heat transfer?
8. What is the divergence of a vector field?

9. If $f(x)=\sin(x)$, what is $f'(x)$?
10. What is the inverse Laplace transform of $1/s$?

(Engineering Mathematics and Quantitative Ability)

1. What is the value of the determinant of $\begin{vmatrix} 1 & 2 & 3 \\ 4 & 1 & 3 \\ 2 & 4 & 1 \end{vmatrix}$?
2. Solve for x: $3x+2=11$
3. Integrate $x^2 dx$
4. What is the eigenvalue of a diagonal matrix?
5. What is the probability of getting a 6 in one die roll?
6. What is the divergence theorem used for?
7. If matrix A is 2×3 and matrix B is 3×2 , what is the order of AB?
8. If $y=\ln(x)$, what is dy/dx ?
9. What is the dot product of vectors i and j?
10. What is the Fourier series used to represent?