TANCET 2025 MBA Questions with Answers

This e-book comprises TANCET MBA questions and answers 2025 for the following sections:

- Mathematical Problems

- Data Sufficiency

- English Usage

TANCET MBA Maths Questions & Answers

Question: On solving 2p - 3q - 4r + 6r - 2q + p, the answer will be

Answer: 3p−5q+2r.

Question: Find the remainder when the polynomial x^4 - $3x^2$ + 7x - 10 is divided by (x - 2).

Answer: 8

Question: The area of a square field is 24200 sq m. How long will a man take to cross the field diagonally at the rate of 6.6 km/hr?

Answer: 2 minutes

Question: The surface area of the three coterminous faces of a cuboid are 6, 15, 10 sq.cm respectively. Find the volume of the cuboid.

Answer: 30 cm^3

Question: A solid metal cylinder of 10 cm height and 14 cm diameter is melted and re-cast into two cones in the proportion of 3: 4 (volume), keeping the height 10 cm. What would be the percentage change in the flat surface area before and after?

Answer: 50

Question: A circle of maximum possible size is cut from a square sheet. Subsequently, a square of maximum possible size is cut from the resultant circle. What will be area of the final square?

Answer: 50 per cent of the size of the original square

Question: If the largest angle in a triangle is 70 degree, what is least possible value of the smallest angle of the triangle?

Answer:

Question: A train traveling at 72 kmph crosses a platform in 30 seconds and a man standing on the platform in 18 seconds. What is the length of the platform in meter?

Answer: 240

Question: For a moderately skewed distribution, if the mean and median are 21 and 22 respectively, then its mode is approximately?

Answer: 24

Question: A certain sum of money is borrowed by a person at 8 per cent simple interest for 4 years. If he has to pay INR 7384 as interest, what is the total amount he has to pay?

Answer: INR 30459

Question: An integer m is said to be related to another integer n if m is a multiple of n. Then the relation is

Answer: Reflexive and transitive

Question: If the price of petrol increases by 25 per cent and Raj intends to spend only an additional 15 per cent on petrol, by how much per cent will he reduce the quantity of petrol purchased?

Answer: 8

Question: A vendor sells 60 per cent of apples he had and throws away 15 per cent of the remainder. Next day he sells 50 percent of the remainder and throws away the rest. What percent of his apples does the vendor throw?

Answer: 23

Question: John weighs twice as much as Maria. Maria's weight is 60% of Bob's weight. Dave's weight is 50% of Lee's. Lee weighs 190 per cent as much as John does. Which of these 5 persons weighs the least?

Answer: Maria

Question: A school drama tickets for INR 100 each for donating to an orphanage. One member sold 75 per cent of his tickets and had 80 tickets left. How much money did the member collect?

Answer: 24,000

Question: When two dice are thrown simultaneously, what is the probability that the sum of the two number that turn up is less than 11?

Answer: 11/12

Question: Ajay plans to host a lunch for his friends. He decides to keep 1 starter and 2 main courses for the lunch. From the many, he realizes that there are only 15 ways to fulfill his requirement. What can be the total number of dishes available on the menu?

Answer: 7

Question: On a 120 kms racing track, if P and Q start driving in the same direction from the same point and at the same time, then P wins the race by 25 minutes. If they drive towards each other from opposite ends on the same track starting at the same time, the distances that P and Q cover when they meet are in the ratio 3:2. Find the speed of P's car?

Answer: 144 kmph

Question: If a merchant offers a discount of 40 per cent on the marked price of his goods and thus ends up selling at cost price, what was the % mark up?

Answer: 66.66%

Question: A 20 litre mixture of milk and water contains milk and water in the ratio 3:2. 10 litres of the mixture is removed and replaced with pure milk and the operation is repeated once more. At the end of the two removal and replacement, what is the ratio of milk and water in the resultant mixture?

Answer: 9:1

TANCET MBA English Questions & Answers

Question: Knowledge of the local language _____ the assimilation of the culture of the place.

Answer: facilitates

Question: Our teacher teaches English _____ maths

Answer: with

Question: Please stop _____ so many mistakes

Answer: making

Question: He got too tired _____ over work

Answer: due to

Question: He was seen _____ to school

Answer: going

Question: Our flight was _____ from Jaipur to Agra airport

Answer: diverted

Question: Due to bad weather, our flight took off from Delhi _____ to Delhi

Answer: diverted

Question: Can I borrow _____ sugar?

Answer: a little

Question: _____ is known about her achievements

Answer: Little

Question: _____ but one was against the proposal.

Answer: Everyone

Question: Since we _____ read every book, we _____ only the famous ones.

Answer: cannot, select

Question: I got your mail _____ Tuesday.

Answer: on

Question: Choose the correct sentence:

    a.   do you like a glass of water?
    b.   would you like a glass of water?
    c.   would you like the glass of water?
    d.   do you like the glass of water?

Answer: option (b)

Question: _____ it help the students?

Answer: Will

Question Type: Replace the wrong words in the following questions

Question: Acquisition of certain specific skills can be facilitated from general awareness, education to novel situation.

Answer: Acquisition of certain specific skills **can be facilitated by** general awareness, education to novel situation.

Question: When he heard the siren, he started running to the door.

Answer: When he heard the siren, he started **running towards the door**.

Question: You need not come unless you want to.

Answer: No error

Question: Your admission into this university will be dependent on the marks you score in the entrance examination.

Answer: Your admission into this university **will depend** on the marks you score in the entrance examination.

Question: The prices of essential commodities has risen unprecedentedly, causing a lot of hardship to the common man.

Answer: The prices of essential commodities **have** risen unprecedentedly, causing a lot of hardship to the common man.

Question: Choose a grammatically correct sentence

    a. You had better told her everything, or else you will lose a friend
    b. You had better told her everything, or else you would lose a friend
    c. You had better tell her everything, or else you will lose a friend
    d. You better tell her everything, else you will lose a friend

Answer: option (d)

TANCET MBA Data Sufficiency Questions & Answers

Question: Find the investment of the shopkeeper on 200 antique pieces in INR

- **Statement I:** Out of 200 pieces, 38 were broken and he sold the remaining at INR 480 per piece.
- **Statement II:** He gained 8 per cent on the investment

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: Hari decided to lend Manoj a sum of Rs. 5,000 for some years. The simple interest charged is 12% per annum. How many years Hari lends the sum of money to Manoj?

- **Statement I:** The total interest at the end of 5 years is Rs. 2,500.
- **Statement II:** Fully using the money returned by Manoj to Hari, Hari will be able to buy a television of INR 9,999, without adding any more money

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient.

Question: If today the price of the item is INR 3500, what was the price of the item exactly 3 years ago?

- **Statement I:** Today the price of the item is exactly 1.21 times its price exactly 3 years ago
- **Statement II:** The price of the item increased by 10 per cent during these 3 years

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient.

Question: What is the 6th term of the Arithmetic sequence?

- **Statement I:** The sum of 6th and 12th term of sequence is 77.
- **Statement II:** The sum of 2nd to 10th term of the sequence is 108

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: Is y = 3?

- **Statement I:** $(y - 3) (x - 4) = 0$
- **Statement II:** $(x - 4) = 0$

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient.

Question: Is triangle ABC with sides a, b, and c acute angled?

- **Statement I:** Triangle with sides a^2, b^2, c^2 has an area of 140 sq cms.
- **Statement II:** Median AD ti sude BC is equal to altitude AE to side BC

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: $x^3 > x^2$, if

- **Statement I:** $x > 0$
- **Statement II:** $x < 1$

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: Salary of A and B is in ratio 3:4 and expenditure is in ratio 4:5. What is the ratio of their saving?

- **Statement I:** B's saving is 25% of his salary.
- **Statement II:** B's salary is Rs. 2,500

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: A shopkeeper sells some articles, taking profit of 20% on the cost price. Find the amount of profit

- **Statement I:** Cost price of the article is INR 2,400.
- **Statement II:** Selling price of the article is undisclosed.

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient.

Question: The average of three quotations for a particular item is Rs 120. Is the highest quotation less than or equal to

- **Statement I:** The lowest quotation is INR 90
- **Statement II:** One of the quotation is INR 125

Answer: Both statements together are sufficient, but neither alone is sufficient

Question: Is the positive integer m divisible by 12?

- **Statement I:** m is divisible by 6
- **Statement II:** m is divisible by 8

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: What was the cost price of the suitcase purchased by Richard?

- **Statement I:** Richard got 20% concession on the labeled price
- **Statement II:** Richard sold the suitcase for INR 2,000 with 25 per cent profit on the labelled price.

Answer: Both statements together are not sufficient. Additional data is required.

Question: What is the standard deviation of the four numbers p, q, r, s?

- **Statement I:** The sum of p, q, r and s is 24
- **Statement II:** The sum of p, q, r and s is 224

Answer: Both statements together are not sufficient. Additional data is required.

Question: Is y an integer?

- **Statement I:** y^3 is an integer
- **Statement II:** 3y is an integer

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: In a particular school, sixty students were athletes. Ten among them were also among the top academic performers. How many top academic performers were in the school?

- **Statement I:** Sixty per cent of the top academic performers were not athletes.
- **Statement II:** All the top academic performers were not necessarily athletes.

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient.

Question: Five students Atul, Bala, Chetan, Dev and Ernesto were the only ones who participated in a quiz contest. They were ranked based on their scores in the contest. Dev got a higher rank as compared to Ernesto, while Bala got a higher rank as compared to Chetan. Chetan's rank was lower than the median. Who among the five got the highest rank?

- **Statement I:** Atul was the last rank holder.
- **Statement II:** Bala was not among the top two rank holders.

Answer: Both statements together are sufficient, but neither alone is sufficient.

Question: If a and b are two distinct real number then which one of the following is always true? (a+b) is always an irrational number

- **Statement I:** Both a and b are irrational numbers
- **Statement II:** a is rational bu b is irrational.

Answer: Statement II alone is sufficient, but Statement I alone is not sufficient.

Question: If n is a two digit prime number, find the value of n

- **Statement I:** The sum of digits is 16
- **Statement II:** When the digits of n are reversed the number obtained is a prime number.

Answer: Both statements together are not sufficient. Additional data is required.

Question: If x is an integer, find its value?

- **Statement I:** x > 2
- **Statement 2:** x < 4

Answer: Both statements together are sufficient, but neither alone is sufficient

Question: If x and y are positive integers then the following is always true?
2x - 3y < 0

- **Statement I:** x = (y- 1)
- **Statement II:** x > y

Answer: Statement I alone is sufficient, but Statement II alone is not sufficient