XAT 2025 Question Paper (Memory Based)

Time Allowed :3 Hours	Maximum Marks :95	Total Questions :95

General Instructions

Read the following instructions very carefully and strictly follow them:

1. Please read the instructions carefully.
2. This Question Paper consists of **95 questions** in four sections.
3. The total duration of the XAT examination is 180 minutes (3 hours).
4. Sectional Timing: While the overall exam time is 180 minutes, specific sections are included within this time frame, except for the General Knowledge (GK) section, which is allotted 10 minutes.
5. All questions of a particular section must be attempted in the correct order.
6. Answering Format: Use a blue or black ball-point pen to mark answers on the answer sheet. Ensure markings are clear and within the designated spaces.

Question 1: A and B bought lands on the Moon from an eStore, both with the same diameter but A's land is square-shaped, and B's land is circular. What is the ratio of the areas of their respective lands?

Options:

(A) $4 : \pi$

(B) $\pi : 4$

(C) $1 : \pi$

(D) $\pi : 1$

Question 2: A bought a phone from a store and paid $\frac{1}{6}$ of the price using UPI, $\frac{1}{3}$ of the price in cash, and the remaining balance a year later. He also paid 10% interest on the remaining balance after one year. What was the original price of the phone?

Options:

(A) Rs.12,000

(B) Rs.18,000

(C) Rs.24,000

(D) Rs.30,000

Question 3: ABCD is a rectangle where points C and D have coordinates $(-2, 0)$ and $(2, 0)$, respectively. If the area of the rectangle is 24, what is the best way to describe the equation of the line AB?

Options:

(A) $y = 3$

(B) $y = 6$

(C) $y = -3$

(D) $y = -6$

Question 4: A chose an integer X, which is between 2 and 40. A noticed that X is such a number that, when any integer Y is divided by X, the remainder is always 1. What is the value of X?

Options:

(A) 37

(B) 41

(C) 39

(D) 41! + 1

Question 5: An iron beam made with rare materials has its market price dependent on the square of its length. The beam broke into two pieces in the ratio of $4:9$. If it is sold as two separate pieces, what would be the percentage profit or loss compared to its original value?

Options:

(A) 44.44% loss

(B) 50% loss

(C) 55.55% loss

(D) 60% loss

Question 6: In an office with 8 employees, the average rating of all employees is 30. The average rating of the top five employees is 38, and the average rating of the bottom three employees is 25. Which of the following is **not possible**?

Options:

(A) One of the top five employees has a rating of 50.

(B) The lowest rating among the bottom three employees is 20.

(C) The highest rating among the top five employees is 40.

(D) One of the bottom three employees has a rating of 24.

Question 7: Four reviewers ($R1$, $R2$, $R3$, $R4$) are in charge of reviewing products from companies A, B, C, and D. Each reviewer provides a rating between 1 and 5 for the products. Due to a technical glitch, the original ratings were deleted, and only the averages calculated for each product (A, B, C, D) and each reviewer ($R1, R2, R3, R4$) were saved. The data available is as follows:

	A	B	C	D	**Average**
$R1$	3	4	4	?	4
$R2$	3	?	5	?	4
$R3$	?	3	3	?	4
$R4$	?	?	?	?	4.25
Avg	4	4	4	4.25	

Tasks:

1. What are the missing values in the table?
2. How were the missing values calculated?
3. Verify the correctness of the given averages for both rows and columns.

Question 8:

In an 8-week course, the teacher conducts a test every week, and the scores are in the range of 1–4. There are only two students enrolled in the course, R and S. The following conditions are given:

1. R and S scored the same on the first test.
2. From the second test onwards, R consistently scored the same (a non-zero score).
3. The total of the first three test scores of R equals the total of the first two test scores of S.
4. From the fifth test onwards, S scored the same as R.
5. The scores of S from the first two tests and all the remaining tests follow a geometric progression.

Decision Making Questions - Set 1

Scenario:

There's a community 30 km outside of the main city. Mr. S started a grocery business in the community after winning the bid by offering way above the rent initially drafted by the

community council. The community council, led by Mr. D, agreed to the offer with a performance review every three years. Mr. S also agreed to provide an additional 15% of his grocery sales to the council, banking on the prospect of selling in higher volumes.
After setting up his business, Mr. S noticed that SUV owners in the community usually bought goods in bulk from the city once a week and used his store primarily for daily necessities and occasional big purchases like mixer grinders.

Question 1:

After a while, Mr. S noticed that he was barely breaking even, especially with the rent scheduled to increase after three years. To maximize profit, which of the following options should he choose?

1. Promote his business through leaflets and pamphlets.
2. Introduce a ”Wednesday Sale” offering a 40% discount on that day.
3. Stock and sell goods not available in the community but in high demand.
4. Do nothing and wait to observe further developments.
5. Negotiate with the council to reduce the rent.

Question 2:

The startup ”Rush Em’,” which initially provided home delivery in the city, expanded to the suburbs with a promise of delivering groceries within 50 minutes. This led to a decline in Mr. S’s business. What should Mr. S do?

1. Create his own app and start delivering groceries to the city to counter the startup.
2. Recruit a few employees and provide home delivery to the community residents within 10 minutes.
3. Offer more discounts to attract customers.

Question 3:

Due to increasing sales, Mr. S started selling vegetables, which negatively impacted the community's vegetable vendors. These vendors stopped selling, which affected some employees in the community who relied on free or low-priced vegetables. The community council decided to address this issue. What should they do?

1. Threaten Mr. S to stop selling vegetables since it was not mentioned in the initial agreement.
2. Ask Mr. S to provide free or low-priced vegetables to lower-class employees.
3. Impose a higher tax on Mr. S for selling vegetables and use the revenue to support affected employees.
4. Collaborate with Mr. S to find a middle ground, such as allowing both him and local vendors to sell vegetables.

Decision Making Questions - Set 2

Scenario:

Arya, a graduate from a reputable institute, got a job in an IT company but became bored after a year. Her best friend S, who worked at the same company, joined a top-tier B-school for an MBA, which tempted Arya to pursue the same path. Her friend assured her that an MBA would boost her career prospects and salary. Arya started preparing for an MBA while continuing her job, but the challenge of balancing preparation with work made her consider leaving the job.

Question 1:

Arya receives an offer from a top B-school for an agribusiness program. However, she feels unsure as the program does not align with her career aspirations. Meanwhile, she receives an offer for a one-year executive MBA program from a third-tier college, which has reported

stellar placements for its first batch. This program, however, is designed for candidates with significant work experience, making Arya hesitant since she only has one year of experience.
Which of the following factors would most influence Arya to choose the one-year executive MBA program?

1. The program has shown consistent placement success for multiple batches.
2. The program has a strong alumni network in her desired industry.
3. The program is flexible and allows candidates with less experience to join.
4. The program provides international exposure and corporate tie-ups.
5. The program guarantees placement in a top-tier company.

Question 2:

Arya learns that her IT company is tying up with a top-tier B-school to sponsor a management certification course for its 30 best employees. However, the selection criteria are based on performance or exceptional academics. Since Arya does not have exceptional academics, she worries she might not be selected for the program.
Which of the following options would alleviate Arya's concerns the most?

1. Focus on improving her performance metrics and aim for recognition as a top performer.
2. Speak to her manager about the program and seek support for nomination.
3. Look for alternative certification programs outside the company.
4. Seek feedback from colleagues who have participated in similar programs to better understand the selection process.
5. Request the company to include other criteria for selection, such as leadership potential.
