CAT Slot 2 Question Paper 2023

CAT Slot 2 Quant Memory-Based Question Paper 2023

1. How many positive integers under 50 have exactly two distinct factors except 1 and the number itself?

2. Area of the quadrilateral where x=5 and y = |x-y|-|x-5|=0 = ?

3. 40 liters of milk in a container. 4 liters are replaced from the container with water. This process is followed till the milk is less than water. How many repetitions are required?

4. Two boats met at a point and one of them moves towards West while one towards South. After 2 hours, distance between them is 60 km. Find the speed of the slower boat if the difference in two speeds is 6 kmph.

5. Ratio of two sides of polygon is 1:2 and ratio of their interior angle is 3:4. Find the number of sides of the polygon with more number of sides.

6. There are 100 bacteria on day 1. On nth day, 1 out of every n bacteria produces 1 more bacteria. On which day, the total number of bacteria will be more than or equal to 1000?

7. Average of 5 integers is 38 and all the numbers are between 0 and 50 (both inclusive). In these 5 numbers, a is the minimum. If exactly 3 of them are more than 32, find the difference between the minimum and the maximum value of a.

8. A person took a loan of 2 lakhs for 8% per annum. The interest is computed on a half-yearly basis. At the end of first year, he repaid Rs 10,320. At the end of three years he repaid all the amount Calculate the amount of Interest paid by the person in rupees

9. There were more questions from algebra followed by arithmetic.

10. There was one question from geometry where there was a standard triangle given there was a circle and diameter line that forms a triangle.

11. The profit and loss question was easy compared to the slot 1.

12. There was one question on mixtures which was difficult.

13. In Quant, about 5 to 6 questions were from Arithematic while Algebra had 9 to 10 questions.

14. 1 question each was from: i. Time, Distance, and Speed, ii. Time and Work, iii. Profit and Loss, iv. Compound Interest, v. Mixtures, and vi. Averages.

15. Number System: Factors-1 question, Divisibility-1 question

16. 1 question each from Log and Equations.

17. 2 questions each from Maxima & Minima, Sequence & Series, and 1 question from Inequalities.

18. Geometry & Mensuration:

    Rectangle: 1 question

    Circle: 1 question

    Coordinate Geo: 1 question

CAT Slot 2 DILR Memory-Based Question Paper 2023

1. Set 1: Ride- 3 Girls Taking Ride
2. Set 1 revolved around three girls taking rides at four different time slots, each associated with a different price. (Full question currently unavailable).
3. Set 2: 3x3 Grid Box with Coins Placement
4. A 3x3 grid box where coins were placed in rows, requiring calculations involving mean, median, and mode.
5. Set 3: Competition with Numbered Balls 1 to 9
6. Three individuals in a competition taking out balls numbered 1-9.
7. Set 4: Start and End of 5 Companies
8. Involving the start and end of five companies with the amount raised in each year, went to peak, then fell down.
9. Reasoning Based DI 5 questions and the difficulty level was moderate.

CAT Slot 2 VARC Memory-Based Question Paper 2023

1. The overall difficulty level was easy compared to slot 1.
2. There were 4 Reading Comprehensions, each having 4 sub-questions.
3. RC 1: Garments/ fashion Industry & Pollution (Easy to moderate)
4. RC 2: Netflix Dubbing of titles for Europe Good or Bad for Europe? (Easy to moderate)
5. RC 3: Liberalism is Dying (Moderate to difficult)
6. RC 4: Facts & Interpretation in History (Easy)
7. In Verbal Ability, 2 questions each were there from Para Jumble (Moderate), Para Completion (Moderate), Odd One Out (Easy), and Short Summary (Easy).
8. 1 question in VARC was mandatory (marked with asterisk).