

CAT 2015 DILR Slot 1 Question Paper

Time Allowed :2 Hours	Maximum Marks :198	Total Questions :66
-----------------------	--------------------	---------------------

General Instructions

Read the following instructions very carefully:

1. The total duration of the test is **2 hours**, with **40 minutes** allotted per section.
2. The question paper is divided into **three sections**:
 - **Section 1:** Verbal Ability and Reading Comprehension (VARC) – 24 questions
 - **Section 2:** Data Interpretation and Logical Reasoning (DILR) – 20 questions
 - **Section 3:** Quantitative Aptitude (QA) – 22 questions
3. Each correct answer carries **+3 marks**.
4. For multiple-choice questions (MCQs), **–1 mark** will be deducted for each wrong answer.
5. There is **no negative marking** for Type-in-the-Answer (TITA) questions.
6. Once the allotted time for a section ends, you will automatically move to the next section. You cannot go back to a previous section.
7. All answers must be entered on the computer screen using the mouse and keyboard. Rough sheets will be provided.
8. The use of calculators, mobile phones, or any other electronic device is strictly prohibited. An on-screen basic calculator will be provided.

1. The table below shows the sales (in Rs. lakh) of four products A, B, C, and D across four quarters of 2015. What is the total sales of product A across all quarters?

Product	Q1	Q2	Q3	Q4
A	20	25	30	35
B	15	20	25	30
C	10	15	20	25
D	25	30	35	40

- (1) 100
 - (2) 110
 - (3) 120
 - (4) 130
-

2. Using the same table, which product has the highest average sales per quarter?

- (1) Product A
 - (2) Product B
 - (3) Product C
 - (4) Product D
-

3. Using the same table, in which quarter is the total sales across all products the highest?

- (1) Q1
 - (2) Q2
 - (3) Q3
 - (4) Q4
-

4. Using the same table, what is the percentage increase in sales of product C from Q1 to Q4?

- (1) 100%
 - (2) 150%
 - (3) 200%
 - (4) 250%
-

5. A company's 2015 expenses are: Salaries 40%, Rent 20%, Utilities 15%, Marketing 15%, Miscellaneous 10%. If total expenses are Rs. 50 lakh, how much is spent on Salaries?

- (1) Rs. 15 lakh
 - (2) Rs. 20 lakh
 - (3) Rs. 25 lakh
 - (4) Rs. 30 lakh
-

6. Using the same pie chart, what is the ratio of expenses on Rent to Miscellaneous?

- (1) 1:1
 - (2) 2:1
 - (3) 3:1
 - (4) 4:1
-

7. Using the same pie chart, if Marketing expenses are reduced by 20%, how much is spent on Marketing?

- (1) Rs. 5 lakh
 - (2) Rs. 6 lakh
 - (3) Rs. 7 lakh
 - (4) Rs. 8 lakh
-

8. Using the same pie chart, what is the combined expense of Utilities and Miscellaneous?

- (1) Rs. 10 lakh
 - (2) Rs. 12.5 lakh
 - (3) Rs. 15 lakh
 - (4) Rs. 17.5 lakh
-

9. Five friends A, B, C, D, E sit in a row facing north. A is to the left of B, C is between A and B, D is not at an end, E is to the right of B. Who is in the middle?

- (1) A
 - (2) B
 - (3) C
 - (4) D
-

10. Using the same seating arrangement, who is at the rightmost position?

- (1) B
 - (2) D
 - (3) E
 - (4) C
-

11. Using the same seating arrangement, who is to the immediate left of B?

- (1) A
 - (2) C
 - (3) D
 - (4) E
-

12. Using the same seating arrangement, who is to the immediate right of A?

- (1) B
 - (2) C
 - (3) D
 - (4) E
-

13. The bar graph shows production (in thousand units) of products P, Q, R over 2013-2015. What is the total production of product P?

Year	P	Q	R
2013	10	15	20
2014	15	20	25
2015	20	25	30

- (1) 40
 - (2) 45
 - (3) 50
 - (4) 55
-

14. Using the same bar graph, which product has the highest total production over 2013-2015?

- (1) Product P
 - (2) Product Q
 - (3) Product R
 - (4) None
-

15. Using the same bar graph, what is the percentage increase in production of product Q from 2013 to 2015?

- (1) 50%
 - (2) 66.67%
 - (3) 75%
 - (4) 100%
-

16. Using the same bar graph, what is the average production of product R over the three years?

- (1) 20
 - (2) 25
 - (3) 30
 - (4) 35
-

17. Four people A, B, C, D form two teams of two. A and B cannot be together, C and D cannot be together. Who is in the same team as A?

- (1) B
 - (2) C
 - (3) D
 - (4) None
-

18. Using the same team formation, who cannot be in the same team as B?

- (1) A
 - (2) C
 - (3) D
 - (4) None
-

19. Using the same team formation, if C is with A, who is in the other team?

- (1) A and B
 - (2) B and D
 - (3) C and D
 - (4) A and D
-

20. Using the same team formation, how many valid team arrangements are possible?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

21. The line graph shows monthly closing stock prices (in Rs.) of Company X for Jan-Apr 2015: Jan = 100, Feb = 120, Mar = 110, Apr = 130. What is the percentage increase from Jan to Apr?

- (1) 20%
- (2) 25%
- (3) 30%
- (4) 35%

22. Using the same line graph, in which month was the stock price the lowest?

- (1) Jan
- (2) Feb
- (3) Mar
- (4) Apr

23. Using the same line graph, what is the average stock price over the four months?

- (1) 110
- (2) 115
- (3) 120
- (4) 125

24. Using the same line graph, what is the absolute difference between the highest and lowest stock prices?

- (1) 20
- (2) 25
- (3) 30
- (4) 35

25. Four tasks T1, T2, T3, T4 are scheduled in slots 1-4. T1 is before T3, T2 is not last, T4 is after T2. Which task is in slot 3?

- (1) T1
- (2) T2
- (3) T3
- (4) T4

26. Using the same scheduling puzzle, which task is in slot 4?

- (1) T1
- (2) T2
- (3) T3
- (4) T4

27. Using the same scheduling puzzle, which task is immediately before T3?

- (1) T1
- (2) T2
- (3) T4

(4) None

28. Using the same scheduling puzzle, which task cannot be in slot 4?

- (1) T1
 - (2) T2
 - (3) T3
 - (4) T4
-

29. A shop sells items A and B. Item A: cost price Rs. 100, sold at 20% profit. Item B: cost price Rs. 200, sold at 25% profit. Total profit from 10 items is Rs. 250. How many of item A were sold?

- (1) 4
 - (2) 5
 - (3) 6
 - (4) 7
-

30. Using the same caselet, what is the total selling price of all 10 items?

- (1) Rs. 1700
 - (2) Rs. 1850
 - (3) Rs. 2000
 - (4) Rs. 2150
-

31. Using the same caselet, what is the total cost price of all 10 items?

- (1) Rs. 1400
 - (2) Rs. 1500
 - (3) Rs. 1600
 - (4) Rs. 1700
-

32. Using the same caselet, what is the average profit per item?

- (1) Rs. 25
 - (2) Rs. 30
 - (3) Rs. 35
 - (4) Rs. 40
-

33. Using the same caselet from questions 29-32 (A shop sells items A and B. Item A: cost price Rs. 100, sold at 20% profit. Item B: cost price Rs. 200, sold at 25% profit. Total profit from 10 items is Rs. 350, with 5 items of A and 5 items of B sold), what is the percentage contribution of item A's profit to the total profit?

- (1) 20%
 - (2) 28.57%
 - (3) 33.33%
 - (4) 40%
-

34. Using the same caselet, if the shop sells 10 more items (5 additional A and 5 additional B) under the same profit conditions, what will be the total profit from all 20 items?

- (1) Rs. 600
 - (2) Rs. 650
 - (3) Rs. 700
 - (4) Rs. 750
-