CAT 2025 DILR (Slot-2) Question Paper

Time Allowed :120 Minutes	**Maximum Marks :**204	**Total questions :**68

General Instructions

Read the following instructions very carefully and strictly follow them:

1. The total duration of the test is **120 Minutes**, 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) – 22 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.

1. Six employees — A, B, C, D, E, F — each specialize in exactly one of three skills: Data, Design, or Marketing (two per skill).

1. A and D do not share a skill.
2. B's skill is the same as either E or F (but not both).
3. C is not in Marketing.

How many valid assignments of skills are possible?

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2. Eight people sit around a circular table: P, Q, R, S, T, U, V, W.

Q sits second to the right of P.

S is not a neighbor of R.

Only two people sit between T and W.

U sits opposite V.

How many distinct seatings satisfy all conditions?

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3. A store sells four items (A, B, C, D) over three months (Jan, Feb, Mar).

Total sales of A over the three months = 300 units.

Feb sales of C are 50 more than Jan sales of C.

Mar sales of B are half of Feb sales of A.

Total sales across all months for all items = 1320 units.

What are the sales in Feb for item A?

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4. Four students (K, L, M, N) participate in four competitions (Quiz, Debate, Chess, Coding), one event each.

1. K does not do Quiz or Chess.

2. L does Coding.

3. N does not do Debate.

4. M does not do the same event type as K.

How many valid assignments are possible?

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5. A courier must travel from Hub S to Hub T using intermediate hubs A, B, C.

Allowed edges: S→A, S→B, A→C, B→C, C→T, A→T.

The courier cannot use more than 3 edges in total.

How many valid routes from S to T are possible?
