CAT 2026 Slot 1 Nov 29

Question Paper

Conducted by the Indian Institute of Management Indore (IIM Indore)

सिद्धिमूलं प्रबन्धनम्
भा. प्र. सं. इन्दौर
IIM INDORE

Time Allowed: 2 Hours | **Questions in this PDF: 9** | **Maximum Marks: 204**

General Instructions

(i) This paper is a **memory-based version of the CAT 2026 Slot 1 paper**, held by **IIM Indore** on **29 November 2026** as a **computer-based test** with a **2-hour (120-minute) duration**. The questions were **recalled by candidates** who appeared in the exam.

(ii) The CAT exam has **68 questions** and a maximum of **204 marks**, divided into three sections in this order: **Verbal Ability and Reading Comprehension (VARC)** – 24 questions, **Data Interpretation and Logical Reasoning (DILR)** – 22 questions and **Quantitative Ability (QA)** – 22 questions.

(iii) Each section is timed separately: **40 minutes** per section. A candidate cannot switch between sections, and the screen moves to the next section automatically when the time for a section ends.

(iv) Questions are of two types: **multiple choice questions (MCQs)** with one correct option, and **Type In The Answer (TITA)** questions, for which the answer is typed in using the on-screen keypad.

(v) **Marking scheme:** **+3** for every correct answer; **−1** for every incorrect MCQ; **no negative marking** for TITA questions; and **0** for an unanswered question.

(vi) Rough work is to be done on the rough sheets provided at the centre, which must be returned after the test. An on-screen calculator is available; no other calculators or electronic gadgets are allowed.

VARC — Verbal Ability and Reading Comprehension · Question 1

1. When we encounter new situations, concepts, or problems, we make _____ (1) of them by _____ (2) them onto older experiences and structures. Far from being a _____ (3) mental shortcut, analogy is a process by which humans generalize, adapt, and grow in _____ (4).

(A) meaning, linking, inconsequential, life

(B) sense, mapping, minor, understanding

(C) use, engaging, quick, confidence

(D) fun, connecting, serious, skills

(E) most, relating, comprehensive, experiences

QA — Quantitative Ability · Questions 2–9

2. If a and b are positive integers with HCF(a, b) = 3, and

$$\frac{a}{b} = \log_9 \sqrt[3]{32} \times (\log_2 3 + \log_4 9 + \log_8 27).$$

Find the value of $2a + 3b$.

Type in the answer.

---

3. If $x > 23$ and

$$(x - 17)(x - 19)(x - 21)(x - 23) = 384,$$

then find the value of x.

Type in the answer.

---

4. Three quantities A, B, and C are such that their initial values satisfy $A : C = 3 : 5$, while $B = 0$. A transfers one-third of its initial value to B, and C transfers an amount equal to one-fourth of its initial value minus 3 to B. After these transfers, the ratio of the remaining value of A to the new value of B becomes $9 : 10$. Find the initial values of A, B, and C.

---

5. If x and y are positive real numbers, find the minimum value of

$$\left(\frac{1}{5x} + y\right)\left(x + \frac{1}{5y}\right)$$

Type in the answer.

---

6. How many four-digit numbers contain the digits 4 and 7 next to each other, in either order, and are divisible by 15?

Type in the answer.

---

7. A product is marked 60% above its cost price. It is sold at a discount of Rs 225 on the marked price, giving a profit of 40%. Find the cost price of the product (in Rs).

Type in the answer.

---

8. The diagonals of a rhombus are 24 units and 10 units long. Find the area of the quadrilateral formed by joining the midpoints of its sides.

Type in the answer.

---

9. Find the domain of the real function

$$f(x) = \frac{x+2}{\sqrt{x+3}-1}$$

— End of Question Paper —