

METRER Practice Questions

STD VII Syllabus — Level I & II

PRACTICE QUESTIONS

Question 1 **Insert Missing Character**

Find the missing number in the given pattern below:

	3	4	5
	2	5	6
5	9		[?]

- | | |
|--------|--------|
| (A) 11 | (B) 10 |
| (C) 30 | (D) 15 |

Question 2 **Miscellaneous Series Completion**

Find the next term in the given number series:

2, 5, 10, 17, 26, [?]

- | | |
|--------|--------|
| (A) 35 | (B) 37 |
| (C) 33 | (D) 40 |

Question 3 **Coding Decoding**

If "**SMART**" is coded as "**UOCVT**" in a certain code language, how is "**BRAIN**" written in that same code?

- | | |
|-----------|-----------|
| (A) DTCKP | (B) DTCLP |
| (C) ETDKP | (D) DUCKP |

Question 4 **Logical Venn Diagram & Reasoning**

Which of the following descriptions best represents the logical Venn diagram for: "**Animals, Dogs, and Cats**"?

- (A) Two separate circles completely inside one large circle
- (B) Three overlapping circles
- (C) One circle inside another, with the third completely separate
- (D) Three completely separate circles with no overlap

Question 5 Direction Sense Test

Rohan walks 10 meters North, turns right and walks 5 meters, then turns right again and walks 10 meters. How far and in which direction is he from his starting point?

- (A) 5 meters East (B) 5 meters West
(C) 10 meters South (D) 15 meters East

Question 6 Mathematical Operations

If '+' means '×', '-' means '÷', '×' means '-', and '÷' means '+', then solve:

$$12 + 4 - 2 \times 6 \div 3$$

- (A) 21 (B) 18
(C) 24 (D) 15

Question 7 Sitting Arrangements

Four friends A, B, C, and D are sitting around a square table facing the center (one on each side). **A** is sitting opposite to **C**, and **B** is sitting to the immediate right of **A**. Who is sitting to the immediate left of **A**?

- (A) B (B) C
(C) D (D) Cannot be determined

Question 8 Blood Relation

Pointing to a photograph, Priya said, "*He is the only son of my grandfather's only son.*" How is the man in the photograph related to Priya?

- (A) Father (B) Brother
(C) Uncle (D) Cousin

Question 9 Alpha-Numeric Sequence Puzzle

Study the following sequence:

A 4 # 7 B \$ 9 K 2 % M 8

Which element is **4th to the left** of the **7th element from the right end**?

- (A) 7 (B) B
(C) # (D) \$

Question 10 Mirror & Water Image

If an analog clock shows **3:00** when viewed directly, what time will it display in its **water image**?

- | | |
|----------|----------|
| (A) 3:00 | (B) 9:00 |
| (C) 3:30 | (D) 2:30 |