

## Letter Series for MAH MCA CET Exam

### 1. What is a Letter Series?

A **letter series** is a sequence of letters arranged in a pattern. The task is to find the missing letter(s) by identifying the logic behind the pattern.

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### 2. Common Types of Letter Series and How to Solve Them

#### (A) Alphabetic Order Series

- The letters follow the **English alphabetical sequence**.

☒ **Example 1: A, B, C, D, ?**

**Pattern:** +1 (A → B → C → D → E)

**Answer:** E

☒ **Example 2: L, M, N, O, ?**

**Pattern:** +1 (L → M → N → O → P)

**Answer:** P

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#### (B) Skip Letter Series

- Letters skip one or more positions in the alphabet.

☒ **Example 1: A, C, E, G, ?**

**Pattern:** +2 (A → C → E → G → I)

**Answer:** I

☒ **Example 2: B, E, H, K, ?**

**Pattern:** +3 (B → E → H → K → N)

**Answer:** N

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#### (C) Reverse Alphabet Series

- Letters move in **reverse alphabetical order**.

☒ **Example 1: Z, X, V, T, ?**

**Pattern:** -2 (Z → X → V → T → R)

**Answer:** R

☒ **Example 2: M, K, I, G, ?**

**Pattern:** -2 (M → K → I → G → E)

**Answer:** E

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#### (D) Alternate Letter Series

- Two or more sequences run parallelly.

☒ **Example 1: A, Z, B, Y, C, ?**

**Pattern:** First series  $\rightarrow A \rightarrow B \rightarrow C$

Second series  $\rightarrow Z \rightarrow Y \rightarrow X$

**Answer:** X

☒ **Example 2: P, O, Q, N, R, M, ?**

**Pattern:**

- First sequence:  $P \rightarrow Q \rightarrow R \rightarrow S (+1)$
- Second sequence:  $O \rightarrow N \rightarrow M \rightarrow L (-1)$

**Answer:** S, L

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### (E) Number-Based Letter Series

- The letters are replaced by their **positions in the alphabet**.

☒ **Example 1: C, F, I, L, ?**

**Pattern:** 3rd, 6th, 9th, 12th, 15th letter

**Answer:** O (O is the 15th letter)

☒ **Example 2: B, E, H, K, ?**

**Pattern:** +3 ( $B \rightarrow E \rightarrow H \rightarrow K \rightarrow N$ )

**Answer:** N

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### (F) Mixed Pattern Series

- A combination of different rules.

☒ **Example 1: A, D, I, P, ?**

**Pattern:** +3, +5, +7, +9

**Answer:** Y

☒ **Example 2: B, D, G, K, ?**

**Pattern:** +2, +3, +4, +5

**Answer:** P

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## 3. MCQs with Solutions

**1 Find the missing letter:**

**B, D, G, K, ?**

- a) O
- b) M
- c) P
- d) Q

☒ **Answer:** c) P (Pattern: +2, +3, +4, +5)

**2 What comes next?**

**Z, X, V, T, ?**

- a) Q
- b) R
- c) S
- d) P

☒ **Answer: b) R** (-2 pattern)

**3 Identify the missing letter:**

**A, C, F, J, O, ?**

- a) S
- b) T
- c) U
- d) V

☒ **Answer: c) U** (+2, +3, +4, +5)

**4 What comes next in this series?**

**M, K, I, G, ?**

- a) D
- b) E
- c) F
- d) H

☒ **Answer: b) E** (-2 pattern)

**5 Find the missing letter:**

**C, F, I, L, ?**

- a) O
- b) P
- c) Q
- d) R

☒ **Answer: a) O** (+3 pattern)

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#### 4. Quick Tips to Solve Letter Series Fast

- ☒ **Step 1:** Check for **alphabetical order** (+1, -1, +2, etc.)
  - ☒ **Step 2:** Look for **skip patterns** (+2, +3, etc.)
  - ☒ **Step 3:** Identify **reverse or alternating sequences**
  - ☒ **Step 4:** Convert letters to **numbers** for easier analysis
  - ☒ **Step 5:** **Practice regularly** with mock tests
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#### 5. Practice Questions for You

Try these and let me know your answers! 😊

**1 Find the missing letter:**

**D, G, J, M, ?**

**2 What comes next?**

**Y, W, U, S, ?**

3 Identify the missing letter:

A, C, F, J, O, ?

4 What comes next in this series?

B, F, J, N, ?

5 Find the missing term:

L, M, O, R, ?

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