



Date : 25th Nov 2023

Logical Reasoning – Series

English

Q:1 Select the correct option that will complete the series.

BMO, FPQ JSS, ?

1. MVU
2. NVU
3. VNU
4. UNV

Q:2 Select the correct option that will complete the series.

676, 784, 900, 1024, 1156, 1296, ?

1. 1444
2. 1521
3. 1369
4. 1849

Q:3 Find the next number in the series.

0, 6, 12, 20, 28, ?

1. 38
2. 32
3. 35
4. 37

Q:4 Find the missing term in the series.

6, 7, 9, 15, ?, 159

1. 109
2. 81
3. 39
4. 45

Q:5 Find the value of (?) in the number series such that the value fits the logic of the series.

(2, 5, 27), (4, 17, 291), ?, (8, 65, 4227)

1. (6, 36, 1376)
2. (6, 37, 1371)
3. (5, 25, 625)
4. (6, 34, 1376)

Q:6 Which of the following letter clusters will replace the question mark (?) in the given series to make it logically complete?

APB, CMF, EJJ, ?

1. GTE
2. DDE
3. GGN
4. BGB

Q:7 Select the set of letters that when sequentially placed in the blanks of the given series will complete the series.

_ k l j _ l _ j k l m _

1. jljj
2. jlmj
3. jkmj
4. jkmn

Q:8 Complete the numerical series by choosing the most appropriate options given below.

99, 79, ?, 10, - 01

1. 61
2. 62
3. 65
4. 66

Q:9 Select the correct option that will fill in the blank and complete the series.

ALO, EOQ IRS, ?

1. MUS
2. MUU
3. BVC
4. CDE

Q:10 Complete the following series.

1600, 1000, 700, 550, ?

1. 475
2. 520
3. 400
4. 495

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Answer Key

1. (2)	2. (1)	3. (1)	4. (3)	5. (2)
6. (3)	7. (4)	8. (2)	9. (2)	10. (1)

Answers and Solutions

Q:1 The correct answer is **Option 2** i.e. **NVU**.

Given series: BMO, FPQ JSS, ?

The logic used here is:

$$B + 4 = F, F + 4 = J, J + 4 = N$$

$$M + 3 = P, P + 3 = S, S + 3 = V$$

$$O + 2 = Q, Q + 2 = S, S + 2 = U$$

The next term in the series is **NVU**.

Hence, **NVU** is the correct answer.

Q:2 The correct answer is **Option 1** i.e. **1444**.

Given series: 676, 784, 900, 1024, 1156, 1296, ?

The logic used here is:

$$26^2 = 676$$

$$28^2 = 784$$

$$30^2 = 900$$

$$32^2 = 1024$$

$$34^2 = 1156$$

$$36^2 = 1296$$

$$38^2 = 1444$$

The next term in the series is **1444**.

Hence, **1444** is the correct answer.

Q:3 The correct answer is **Option 1** i.e. **38**

Given series: 0, 6, 12, 20, 28, ?

The logic used here is:

$$0 + 6 = 6$$

$$6 + 6 = 12$$

$$12 + 8 = 20$$

$$20 + 8 = 28$$

$$28 + 10 = 38$$

The next term in the series is **38**.

Hence, **38** is the correct answer.

Q:4 The correct answer is **Option 3** i.e. **39**

The pattern used is:

$$\text{First number} = 6$$

$$6 + 1! = 6 + 1 = 7$$

$$7 + 2! = 7 + 2 = 9$$

$$9 + 3! = 9 + 6 = 15$$

$$15 + 4! = 15 + 24 = 39$$

$$39 + 5! = 39 + 120 = 159$$

So, the missing term is **39**.

Hence, the correct answer is **39**.

Q:5 The correct answer is **Option 2** i.e. **(6, 37, 1371)**.

The logic is:

$$(2, 5, 27) : 2^2 + 1 = 5$$

$$5^2 + 2 = 27$$

$$(4, 17, 291) : 4^2 + 1 = 17$$

$$17^2 + 2 = 291$$

$$(6, 37, 1371) : 6^2 + 1 = 37$$

$$37^2 + 2 = 1371$$

$$(8, 65, 4227) : 8^2 + 1 = 65$$

$$65^2 + 2 = 4227$$

Q:6 The correct answer is **Option 3** i.e. **GGN**

APB, CMF, EJJ, ?

Logic: $A + 2 = C, P - 3 = M, B + 4 = F,$

Similarly, $C + 2 = E, M - 3 = J, F + 4 = J,$

So, $E + 2 = G, J - 3 = G, J + 4 = N$

Hence, the correct answer is **GGN**.

Q:7 The correct answer is **Option 4** i.e. **jkln**

The sequence followed here is :

j k l / j k l m / j k l m n

Hence, the correct answer is **jkln**.

Q:8 The correct answer is **Option 2** i.e. **62**.

Given series: 99, 79, ?, 10, - 01

The logic used here is:

$$(9 \times 9) - 2 = 79$$

$$(7 \times 9) - 1 = 62$$

$$(6 \times 2) - 2 = 10$$

$$(1 \times 0) - 1 = -01$$

The missing term in the series is **62**.

Hence, **62** is the correct answer.

Q:9 The correct answer is **Option 2** i.e. **MUU**.

Given series: ALO, EOQ IRS, ?

The logic used here is:

$$A + 4 = E, E + 4 = I, I + 4 = M$$

$$L + 3 = O, O + 3 = R, R + 3 = U$$

$$O + 2 = Q, Q + 2 = S, S + 2 = U$$

The next term in the series is **MUU**.



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Hence, **UU** is the correct answer.

Q:10 The correct answer is **Option 1** i.e. **475**

The pattern that follows is:

$$1600 - 600 = 1000$$

$$1000 - 300 = 700$$

$$700 - 150 = 550$$

The next number will be :

$$550 - 75 = 475$$

Hence, the correct answer is **475**.

