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LOGICAL REASONING

SAMPLE BOOK

7 GRADE

LOGICAL REASONING

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I AM PROGRESSING

(Tick mark the columns after achieving the Learning Milestones)

TOPIC	1st Learning	Exercise Solving	1st Revision	2nd Revision
Verbal Series				
Coding & Decoding				
Alphabet Test & Alpha-numeric Sequence Puzzle				
Verbal Analogy				
Verbal Classification				
Mathematical Operations				
Inserting the Missing Character				
Number, Ranking & Time Sequence Test				
Logical Venn Diagrams				
Direction Sense Test				
Blood Relations				
Sitting Arrangement				

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LOGICAL REASONING

SAMPLE THEORY

CHAPTER 1

VERBAL SERIES

VERBAL SERIES

The word "series" is defined as anything that follows to form a specific pattern or in continuation of a given pattern or sequence.

To complete a series or identify a term, a student is required to identify the rule on which the given series has been formed. Let us illustrate to the readers with the help of examples with answers explained in detail.

- Number Series
- Alphabet Series
- Alphanumeric Series
- Continuous Pattern Series

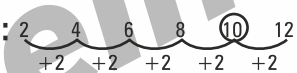
NUMBER SERIES

SOLVED EXAMPLES

Example : Find the missing number in the pattern below.

(1) 9 (2) 10 (3) 11 (4) 7

Solution :

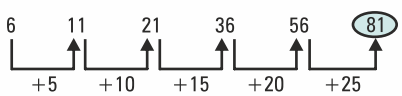


Hence, the answer is (2).

Example : Choose the correct alternative which replaces the question mark.

(1) 51 (2) 91 (3) 42 (4) 81

Solution :



Therefore, the next number is 81.

Hence, the answer is (4).

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LOGICAL REASONING

SAMPLE EXERCISE

EXERCISE

GRADE-7

Verbal Series

1. What comes next in the series given below ?

AZ, BY, CX, DW, ?

(1) EU (2) VE (3) UE (4) EV

2. What comes next in the series given below ?

DE, HI, LM, PQ, ?

(1) QR (2) RS (3) ST (4) TU

3. What comes next in the series given below ?

61, 53, 45, 37, 29, ?

(1) 23 (2) 21 (3) 19 (4) 16

4. What comes next in the series given below ?

2, 10, 20, 32, 46, ?

(1) 62 (2) 64 (3) 78 (4) 80

5. What comes next in the series given below ?

1, 8, 27, 64, 125, ?

(1) 150 (2) 216 (3) 228 (4) 236

6. Find out the next number in the given series.

2, 5, 9, 14, 20, ?

(1) 24 (2) 25 (3) 26 (4) 27

7. Find the next number in the given series.

(48, 12) (40, 10) (32, 8) (24, 6) (?)

(1) 14, 7 (2) 16, 8 (3) 16, 4 (4) 9, 6

8. Find out the next number in the given series.

1, 2, 4, 8, 16, ?

(1) 24 (2) 32 (3) 36 (4) 64

9. Find out the next number in the given series.

2, 3, 5, 7, 11, 13, ?

(1) 15 (2) 16 (3) 17 (4) 18

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