

SAMPLE PAPER SYLLABUS 2020-21



4

CLASS



Total Questions: 35				Time: 1 hr.
PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section
No. of Questions	10	10	10	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1: Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Days and Dates & Possible Combinations, Analogy and Classification.

Section – 2: Numerals and Number Names, Number Sense (more than 4-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Time, Money, Geometry, Perimeter of Various Shapes, Symmetry, Conversions, Data Handling

Section – 3: The Syllabus of this section will be based on the Syllabus of Mathematical Reasoning.

Section – 4: Higher Order Thinking Questions - Syllabus as per Section–2.

LOGICAL REASONING

1. What is the rule for this number pattern?

1, 1, 2, 6, 24, 120, . . .

- (A) Add 0, then add 1, then add 2, and so on
- (B) Multiply by 1, then multiply by 2, then multiply by 3, and so on
- (C) Multiply by 1, then add 1, and so on
- (D) Multiply by 2, then subtract 1, and so on
- 2. There are four figures out of which three are same in some way while one is different from the rest. Find out the different figure.









- 3. Count the number of straight lines in the given figure.
 - (A) 17

(B) 18

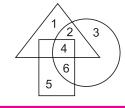
(C) 19

(D) 20



- 4. If in a certain code language 'MONKEY' is coded as 'YEKNOM', then how will 'MONIKA' be coded in that language?
 - (A) KANIMO
- (B) AKINOM
- (C) NOMIKA
- (D) AIKONM

- 5. Which number lies in all the three figures?
 - (A) 1
 - (B) 2
 - (C) 4
 - (D) 5



MATHEMATICAL REASONING

- 6. If $\diamondsuit \times 4 = \cancel{\times}$ and $\cancel{\times} \diamondsuit = 330$, then $\cancel{\times} + \diamondsuit = \underline{\hspace{1cm}}$.
 - (A) 110
- (B) 440
- (C) 550
- (D) 990
- 7. Mohit went for swimming at 2:30 p.m. and returned back home $3\frac{1}{2}$ hours later. The time he came back home is _____.













- How many vertices does the given figure have?
 - (A) 4

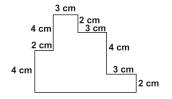
(B) 5

(C) 6

(D) 8



- There are tens in 36520.
 - (A) 12
- (B) 36
- (C) 365
- (D) 3652
- 10. The perimeter of the given figure (not drawn to scale) is ____
 - (A) 35 cm
 - (B) 27 cm
 - (C) 38 cm
 - (D) 42 cm



EVERYDAY MATHEMATICS

- 11. There are 3 rows of strawberry plants. Each row has 6 plants. How many strawberry plants are there in all?
 - (A) 9
- (B) 18
- (C) 22
- (D) 24
- 12. Ram, Rahul and Rohit shared a bag of marbles. The bag contained 272 marbles. How many marbles were left over after the friends shared them equally?
 - (A) 90
- (B) 91

- (D) 2
- 13. There were 3856 trees in a forest. In another forest, there were 4795 trees. How many more trees were there in the second forest?
 - (A) 930
- (B) 939
- (C) 1689
- (D) 1600

ACHIEVERS SECTION

- **14.** Find the value of $\frac{P-Q+R}{S}$.
 - (A) 3
 - (B) 4
 - (C) 6
 - (D) 7

1*P*19 38) 72954 (-38 349 -3 Q 2 75 -38 3 R 4 -342

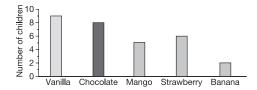
 S_2

- 15. The given bar graph shows the favourite ice-cream flavours of a group of children. What fraction of total children prefer strawberry flavour?
 - (A) 1/4

(B) 1/5

(C) 1/6

(D) 4/15



ANSWERS