

SAMPLE PAPER SYLLABUS 2019-20







Total Questions : 50					
	PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section	
No. of Questions	15	20	10	5	
Marks per Ques.	1	1	1	3	

SYLLABUS

Section – 1: Patterns, Analogy and Classification, Geometrical Shapes, Mirror and Water Images, Direction Sense Test, Ranking Test, Alphabet Test, Logical Sequence of Words, Puzzle Test, Coding-Decoding.

Section – 2: Numerals, Number names and Number Sense (7 and 8 digit numbers), Computation Operations, Fractions and Decimals, Measurement of Length, Weight, Capacity, Time, Temperature and Money, Conversions, Geometrical Shapes and Solids, Angles, Perimeter of Various Shapes & Area of Rectangle and Square, Symmetry, 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. Shelley is ordering a skirt from a catalog. She can choose one of two lengths: a short skirt or a long skirt. Then she can choose one of three fabric patterns: stripes, plaid or flowers. At most how many different combinations could Shelley order choosing a length and a fabric pattern?





(A) 2

(B) 3

(C) 5

(D) 6

2. The number of cubes in the given figure is _____

(A) 11

(B) 12

(C) 13

(D) 14



3. Find the odd one out.

(A) 7

(B) 9

(C) 4

(D) 6

4. Which of the following is ninth to the right of the seventeenth from the right end of the given arrangement?
M4ET%J9IB@U8©N#F1V7★2AH3Y5\$6K

(A) A

(B) %

(C) I

(D) Y

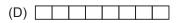
MATHEMATICAL REASONING

5. Which figure has an area of 8 sq. units and a perimeter of 12 units? (Each square block is of side 1 unit).



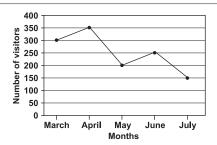






6. The line graph shows the number of people who visited a museum from March to July. How many more visitors were there in April than in June?

- (A) 200
- (B) 350
- (C) 150
- (D) 100



1.	(A) 5 (C) 7	` ,				
8.	What fraction of the figures are ? (A) 1/4 (B) 1/3 (C) 1/5 (D) 1/2		♡◇☆♣♡☆ ☆♣♡☆◇☆ ♣◇☆◇☆♡ ♡☆♣♡♣◇			
9.	Katrina went to watch a movie. The tintwo clocks given. How long did the movie. (A) 1 hr 45 mins (B) 2 hrs 45 mins (C) 2 hrs 15 mins (D) 3 hrs		started and ended are shown on the $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			
10.	If 'White' is called 'Blue', 'Blue' is called 'is called 'Black', 'Black' is called 'Violet' of human blood?(A) Red(B) Yellow					
		DAY MATHEMATIC	,			
44						
11.	number of coins. How many coins were (A) 20 (B) 45		(D) 12			
12.	elementary school. How many students	e 914 students enrolled in Elementary School. Middle School has 276 fewer students than ary school. How many students are enrolled at Middle School? (B) 762 (C) 1190 (D) 638				
13.	. , ,	e at 7 : 15 a.m. to go to work. He returned home at 4 : 45 p.m. For how long Tom was ome? (B) 9 hours 30 minutes				
	ACH	IEVERS SECTION				
14.	Part of a scale is shown below. What is $\frac{1}{9.7}$	s the value of the readi	ing at X?			
	(A) 10.02 cm (B) 10.04 cm	(C) 10.2 cm	(D) 10.4 cm			
15.	5. Vivek rented a bicycle for 3 hours. How(A) ₹ 13(C) ₹ 22	v much did he pay? (B) ₹ 19 (D) ₹ 30	Bicycle for Rent First hour: ₹ 7 Every additional $\frac{1}{2}$ hour: ₹ 3			
	SPA	CE FOR ROUGH WORK				

1. (D) 2. (B) 3. (A) 4. (A) 5. (B) 6. (D) 7. (C) 8. (A) 9. (B) 10. (B) 11. (A) 12. (D) 13. (B) 14. (B) 15. (B)