

## **SAMPLE PAPER SYLLABUS 2018-19**







Total Questions : 50				Time: 1 hr.		
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, Volume, 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

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 numeral 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).



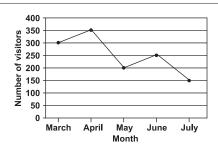




(D)				

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



7.	How many angles ins (A) 5 (C) 7	ide the figure are gre	eater than a right and (B) 6 (D) 8	gle?	
8.	What fraction of the fi (A) 1/4 (B) 1/3 (C) 1/5 (D) 1/2	gures are 🌅 ?		♡◇ <u>☆</u> <u>☆</u> ♣♡ <u>☆</u> <u>♣</u> ◇ <u>☆</u> ◇ ♡ <u></u>	
9.	Katrina went to watch two clocks given. How (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
10.	If 'White' is called 'Blue is called 'Black', 'Black of human blood?  (A) Red			low', 'Yellow' is called '0 range', then what would (D) Violet	
		EVERYDA	AY MATHEMATIC	S	
11.	Harry had 500 coins in number of coins. How (A) 20	-		ent stacks. Each stack (D) 12	had the same
12.	There are 914 student elementary school. Ho (A) 642		•		students than
13.	Tom left home at 7:1 away from home? (A) 7 hours 30 minut (C) 3 hours 30 minut	es	(B) 9 hours 30 (D) 8 hours 30	minutes	long Tom was
		ACHIE	VERS SECTION		
14.	Part of a scale is sho	wn below. What is th	9.9 10.0	(in cm)	
	(A) 10.02 cm	(B) 10.04 cm	(C) 10.2 cm	(D) 10.4 cm	
15.	Vivek rented a bicycle (A) ₹ 13 (C) ₹ 22	e for 3 hours. How m	uch did he pay? (B) ₹ 19 (D) ₹ 30	Bicycle for Rent  First hour: $\ \ \ 7$ Every additional $\frac{1}{2}$ hour: $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	00
		SPACE	FOR ROUGH WORK		

IMO - 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)