

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, Possible Combinations, Analogy and Classification, Clock and Calendar.

Section – 2 : Numerals, 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 : Syllabus as per Section-2.

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

LOGICAL REASONING

1. The codes of some digits are given below.

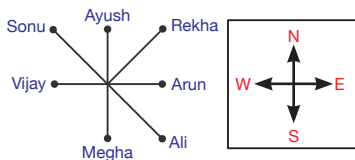
Digits	5	3	6	1	7	8	4	2
Codes	@	#	U	\$	H	E	%	©

Find the code for 85261.

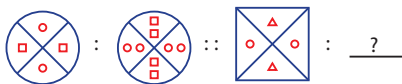
- (A) E©@# \$ (B) %©@UH (C) E@©U\$ (D) H@©%#

2. Who among the following is in the South-West of Arun?

- (A) Vijay
(B) Rekha
(C) Megha
(D) Ali



3. There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship of the given pair and find the missing figure.



- (A) (B) (C) (D)

MATHEMATICAL REASONING

4. Which of the following fractions is $\frac{5}{6}$ more than $\frac{7}{12}$?

(A) $1\frac{7}{12}$

(B) $1\frac{5}{12}$





(C) $2\frac{7}{12}$

(D) $3\frac{5}{12}$

5. If $\square + \square + \square + \square + \square = 125$ and $\square - 4 \star = \star$,
then find the value of $\star + \star + \square + \square$.
- (A) 25 (B) 45 (C) 50 (D) 60

6. Which of the following options is INCORRECT?
- (A) 7th multiple of greatest one-digit number is 63.
 (B) Largest multiple of a number is the number itself.
 (C) The number of common factors of 17 and 51 is 2.
 (D) None of these

EVERYDAY MATHEMATICS

7. Varun made a shape by folding the given cardboard along the dotted lines. Which shape did Varun make?
- (A)  (B)  (C)  (D) 
8. The capacity of a small container is 400 mL and the capacity of a big container is 1500 mL. If Sumit uses 9 small containers and 2 big containers of water to fill up an empty tank, then what is the capacity of the tank?
- (A) 5 L 200 mL (B) 6 L 600 mL (C) 4 L 500 mL (D) 6 L 60 mL

ACHIEVERS SECTION

9. Identify the number using the given clues.

- Its ones place digit is the face value of digit at hundreds place in 5782.
- Its tens place digit is the greatest one-digit even number.
- Its thousands place digit is the tens place digit of CDLXIX.
- Its hundreds place digit is greater than its tens place digit.
- Its ten thousands place digit is less than 6 but more than 3.

(A) 55987

(B) 46798

(C) 47978

(D) 46987

10. Read the given statements carefully and state T for true and F for false.
- P. The number of letters having perpendicular lines in the given word is 4.

TREAT

- Q. The number of lines of symmetry in a square is 4.
 R. An isosceles triangle does not have any line of symmetry.

P	Q	R
(A) F	F	T
(B) T	F	F
(C) F	T	T
(D) T	T	F

ANSWER KEY

1. (C) 2. (C) 3. (A) 4. (B) 5. (D) 6. (B) 7. (C) 8. (B) 9. (D) 10. (D)