Aptitude Test –

30 Questions (30 Minutes)

Section A

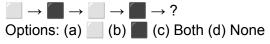
Q1.

Find the missing figure:



Q2.

In a sequence of figures:



Q3.

Which figure is different from the rest?

$$(\mathsf{A}) \bullet \blacktriangle \ (\mathsf{B}) \ \blacktriangle \bullet \ (\mathsf{C}) \bullet \bullet \ (\mathsf{D}) \bullet \blacktriangle$$

Q4.

Look at this matrix of symbols:

$$\begin{array}{c|c} | \triangle | \circ | \triangle | \\ | \circ | \Box | \circ | \\ | \triangle | \circ | ? | \end{array}$$

Find the missing figure.

Options: (a)
$$\triangle$$
 (b) \square (c) \circ (d) None

Q5.

Paper folding question:

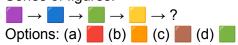
A square paper is folded once and a hole is punched. When unfolded, how many holes will

appear?

Options: (a) 2 (b) 4 (c) 6 (d) 8

Q6.

Series of figures:



Q7.

Mirror image of word: **BOXING** \rightarrow ?

Options: (a) GXINOB (b) GNIXOB (c) BGINXO (d) NOBXIG

Q8.

Water image of number 2691 is:

Options: (a) 1962 (b) 1692 (c) 2691 (d) None

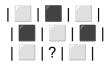
Q9.

In a cube, opposite faces are painted different colors. If Red is opposite Blue, Yellow opposite Green, and White opposite Black, then if Yellow is on top and Red is in front, which color is at the right?

Options: (a) Blue (b) Black (c) White (d) Green

Q10.

Pattern completion:



Options: (a) (b) (c) None

Section B

Q11.

Find the unit digit of 2252^{25}. Options: (a) 2 (b) 4 (c) 8 (d) 6

Q12.

LCM of 12 and 18 is:

Options: (a) 24 (b) 36 (c) 48 (d) 72

Q13.

What is 15% of 240?

Options: (a) 24 (b) 30 (c) 36 (d) 40

Q14.

The sum of first 20 natural numbers is: Options: (a) 190 (b) 200 (c) 210 (d) 220

Q15.

If 35 is divided by 7, remainder is? Options: (a) 0 (b) 2 (c) 5 (d) 7

Q16.

Find the largest 4-digit number divisible by 12.

Q17.

A number when divided by 6, 8, 10 leaves remainder 5 in each case. Find the least such number.

Q18.

Find number of zeroes in 100!100!.

Q19.

The product of two numbers is 180. Their LCM is 60. Find their HCF.

Q20.

Solve:

 $12+13+14+15 \cdot \{1\}_{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5}$

Section C

Q21.

Pointing to a man, Ramesh said, "He is my father's only son." How is the man related to Ramesh?

Options: (a) Father (b) Uncle (c) Brother (d) Ramesh himself

Q22.

If A is the mother of B, and B is the sister of C, then A is ____ of C. Options: (a) Father (b) Mother (c) Aunt (d) Sister

Q23.

In a family, P is the father of Q. Q is the sister of R. R is the son of S. Then S is? Options: (a) Wife of P (b) Husband of Q (c) Mother of Q (d) Cannot be determined

Q24.

Pointing to a woman, a man said, "Her husband's brother is my uncle." How is the woman related to the man?

Options: (a) Aunt (b) Mother (c) Sister-in-law (d) Cousin

Q25.

X introduces Y as the son of his father's only son. How is Y related to X? Options: (a) Son (b) Brother (c) Cousin (d) Father

Q26.

A is B's father. C is D's mother. D is B's brother. How is A related to C? Options: (a) Husband (b) Wife (c) Brother (d) Cannot be determined

Q27.

If A \times B means A is the father of B, A – B means A is the sister of B, A ÷ B means A is the son of B, then P ÷ Q \times R – S means?

Q28.

Raj is the son of Sunita. Sunita is the daughter of Mahesh. Mahesh is the father of Sohan. How is Raj related to Sohan?

Q29.

If A is the brother of B, B is the sister of C, and C is the father of D, how is A related to D?

Q30.

Coding relation:

If "Brother" = 219, "Sister" = 315, then "Father" = ?