



MODEL QUESTION PAPER

GRADE 1

Choose the correct answer.

1. What number should come in the box?

- A. 5
C. 7
- B. 6
D. 8

2. $12 - \square = 7$

- A. 3
C. 5
- B. 4
D. 6

Fruit	Number of Students
Mangoes	
Apples	
Bananas	
Oranges	

3. How many mangoes are there in the picture?

- A. 3
C. 1
- B. 5
D. 2

4. How many oranges and mangoes are there altogether in the above picture?

- A. 2
C. 7
- B. 5
D. 9

5. How many bananas are there in the above picture?

- A. 2
C. 4
- B. 6
D. 8

6. Which shape has four equal sides?

- A. Rectangle
- B. Square
- C. Oval
- D. Triangle

7. Which letter comes after M?

- A. L
- B. N
- C. O
- D. K

8. Which object is bigger?

- A. Elephant
- B. Cat
- C. Rat
- D. Ant

9. Which number is the odd one out?

- A. 8
- B. 12
- C. 15
- D. 10

10. Which shape has 4 corners?

- A. Triangle
- B. Circle
- C. Oval
- D. Square

11. Which number has 2 tens and 5 ones?

- A. 52
- B. 25
- C. 205
- D. 15

12. Which pair shows equal numbers?

- A. 12 and 21
- B. 15 and 14
- C. 18 and 18
- D. 19 and 9

GRADE 2

Choose the correct answer.

1. What is $29 + 21$?

- A. 49
- B. 50
- C. 51
- D. 52

2. Which number is smaller?

- A. 29
- B. 92
- C. Both are same
- D. None

3. Which shape has 3 sides?

- A. Square
- B. Triangle
- C. Circle
- D. Rectangle

4. What is data?

- A. Only Pictures
- B. Only Numbers
- C. Collection of Information
- D. Only Shapes

The table below shows the number of children who like different toys:

S.No.	Toy	Number of Children
1.	Car	14
2.	Doll	09
3.	Ball	18
4.	Kite	07

5. Which toy is liked by the most children?

- A. Car
- B. Doll
- C. Ball
- D. Kite

6. Which toy is liked by the fewest children?

- A. Car
- B. Doll
- C. Ball
- D. Kite

7. How many children like Car?

- | | |
|-------|-------|
| A. 9 | B. 12 |
| C. 14 | D. 18 |

8. How many more children like Ball than Doll?

- | | |
|------|-------|
| A. 7 | B. 8 |
| C. 9 | D. 10 |

9. How many children like Doll and Kite altogether:

- | | |
|-------|-------|
| A. 14 | B. 15 |
| C. 16 | D. 17 |

10. Which object is longest?

- | | |
|----------|-----------|
| A. Rope | B. Thread |
| C. Stick | D. Hair |

11. What comes next? 9, 18, 27, ____

- | | |
|-------|-------|
| A. 30 | B. 36 |
| C. 40 | D. 45 |

12. When the minute hand is at 6, it means:

- | | |
|--------------|-----------------|
| A. O'clock | B. Quarter past |
| C. Half past | D. Quarter to |

13. How many ₹5 coins make ₹20?

- | | |
|------|------|
| A. 2 | B. 3 |
| C. 4 | D. 5 |

14. Which container holds less water?

- | | |
|-----------|-----------|
| A. Tank | B. Bucket |
| C. Bottle | D. Spoon |

GRADE 3

Choose the correct answer.

1. What is $345 + 124$?

- A. 459
- B. 469
- C. 479
- D. 489

2. What is the place value of 5 in 4,582?

- A. 5
- B. 50
- C. 500
- D. 5000

3. What is data?

- A. A story
- B. Collection of information
- C. A number only
- D. A shape

4. Which unit is used to measure length?

- A. Kilogram
- B. Litre
- C. Metre
- D. Minute

5. A point shows:

- A. Length
- B. A position
- C. Weight
- D. Time

6. Find the next number: 2, 4, 6, 8, ____

- A. 9
- B. 10
- C. 11
- D. 12

7. How many hours are there in a day?

- A. 12
- B. 24
- C. 60
- D. 48

8. A pictograph usually uses a _____ to show what each picture represents.

- A. Key
- B. Story
- C. Poem
- D. Cartoon

9. What is the place value of 9 in 9,804?

- A. 9
- B. 90
- C. 900
- D. 9000

10. $18 \times 5 = ?$

- A. 80
- B. 85
- C. 90
- D. 95

GRADE 4

Choose the correct answer.

1. 4,95,600 rounded to nearest thousand is

A. 4,95,000

B. 4,96,000

C. 5,00,000

D. 4,90,000

2. 9,000 – 4,785 =

A. 4,215

B. 4,225

C. 4,205

D. 4,115

3. A prime number has exactly _____

A. 1 factor

B. 2 factors

C. 3 factors

D. many factors

4. Tally marks are used to

A. draw pictures

B. count data

C. colour charts

D. write stories

5. A line has

A. One end

B. Two ends

C. No ends

D. Three ends

6. $\frac{3}{3}$ is equal to

A. 0

B. $\frac{1}{2}$

C. 1

D. 3

7. Find the odd one out

A. Square

B. Rectangle

C. Circle

D. Triangle

8. International place value system uses

- A. Lakhs
- B. Crores
- C. Millions
- D. Ten thousands

9. Which has 0 in the tens place?

- A. 5,430
- B. 5,403
- C. 5,340
- D. 5,304

10. Divisible by 2 if last digit is

- A. odd
- B. 5
- C. even
- D. 9

GRADE 5

Choose the correct answer.

1. A right-angled triangle has

- A. All angles = 90°
- B. One angle = 90°
- C. Two angles = 90°
- D. No angle = 90°

2. Average of 6, 8, 10, 12 is

- A. 8
- B. 9
- C. 10
- D. 9.5

3. Coding: If APPLE $\rightarrow$ BQQMF, BANANA $\rightarrow$?

- A. CBOBOB
- B. CBOBMB
- C. CBMBMB
- D. CBPBOB

4. Roman numeral for 2021 is

- A. MMXXI
- B. MMXX
- C. MCMXXI
- D. MMXII

5. Multiply 123×45

- A. 5,435
- B. 5,445
- C. 5,535
- D. 5,635

6. LCM of 8 and 12

- A. 16
- B. 20
- C. 24
- D. 36

7. Add: $\frac{5}{6} + \frac{1}{3} = ?$

- A. $\frac{7}{6}$
- B. $\frac{2}{3}$
- C. $\frac{6}{6}$
- D. $\frac{5}{9}$

8. Compare: 2.05 ____ 2.5

A. <

B. >

C. =

D. Cannot compare

9. Number of sides in a decagon

A. 8

B. 10

C. 12

D. 9

10. Median of 5, 8, 9, 12, 15, 18

A. 9

B. 12

C. 10.5

D. 11

11. Number puzzle: $1 \rightarrow 1, 2 \rightarrow 4, 3 \rightarrow 9, 4 \rightarrow ?$

A. 16

B. 12

C. 14

D. 18

GRADE 6

Choose the correct answer.

1. Multiply: 345×23

- A. 7,950
- B. 7,900
- C. 7,935
- D. 7,920

2. $6 \text{ km } 350 \text{ m} = ? \text{ m}$

- A. 6,350
- B. 6,035
- C. 6,300
- D. 6,530

3. What is the sum of the interior angles of a quadrilateral?

- A. 540°
- B. 180°
- C. 360°
- D. 720°

4. A triangle with exactly two sides equal is

- A. Isosceles triangle
- B. Scalene triangle
- C. Equilateral triangle
- D. Right triangle

5. $\frac{2}{3} \times \frac{3}{5} = ?$

- A. $\frac{1}{2}$
- B. $\frac{3}{5}$
- C. $\frac{2}{5}$
- D. $\frac{1}{3}$

6. Prime factorization of 30

- A. $2 \times 5 \times 5$
- B. $2 \times 3 \times 6$
- C. $2 \times 3 \times 5$
- D. $3 \times 5 \times 6$

7. $1,00,000 - 1 = ?$

- A. 99,998
- B. 99,999
- C. 1,00,001
- D. 90,000

8. Solve: $3x + 2 = 14$

- A. 5
- C. 3

- B. 4
- D. 6

9. $8 \times 12 = ?$

- A. 96
- C. 108

- B. 88
- D. 100

10. Product of $5 \times 5 \times 2 = ?$

- A. 45
- C. 50

- B. 40
- D. 55

11. A polygon with 8 sides is called

- A. Octagon
- C. Hexagon

- B. Heptagon
- D. Nonagon

GRADE 7

Choose the correct answer.

1. The sum of two numbers is 478. One of the numbers is 215. Find the other number.

- | | |
|--------|--------|
| A. 263 | B. 273 |
| C. 265 | D. 275 |

2. A polygon has 8 sides. How many diagonals does it have?

- | | |
|-------|-------|
| A. 18 | B. 20 |
| C. 16 | D. 12 |

3. Marks of 8 students are: 12, 15, 12, 18, 20, 12, 15, 18. The mode is:

- | | |
|-------|-------|
| A. 12 | B. 15 |
| C. 18 | D. 20 |

4. Solve: $4x - 5 = 15$

- | | |
|------|------|
| A. 8 | B. 6 |
| C. 7 | D. 5 |

5. A rectangle has length 15 cm and breadth 8 cm. Its area is:

- | | |
|-----------------------|-----------------------|
| A. 115 cm^2 | B. 112 cm^2 |
| C. 120 cm^2 | D. 125 cm^2 |

6. Divide ₹700 in the ratio 3:4. First share = ?

- | | |
|---------|---------|
| A. ₹300 | B. ₹200 |
| C. ₹250 | D. ₹350 |

7. $(-12) + 7 - (-3) = ?$

- | | |
|-------|-------|
| A. -2 | B. -1 |
| C. -3 | D. 0 |

8. Add: $\frac{7}{8} + \frac{5}{12}$

A. $\frac{19}{20}$

B. $\frac{23}{24}$

C. $\frac{31}{24}$

D. $\frac{25}{24}$

9. Solve: $x + 7 = 15$

A. 8

B. 7

C. 6

D. 9

10. The sum of angles on a straight line is:

A. 90°

B. 180°

C. 360°

D. 270°

GRADE 8

Choose the correct answer.

1. Two parallel lines are cut by a transversal. If one pair of alternate interior angles are 50° and x° , find x .

- | | |
|---------------|---------------|
| A. 50° | B. 60° |
| C. 40° | D. 45° |

2. The sum of angles in a triangle = ?

- | | |
|----------------|----------------|
| A. 180° | B. 90° |
| C. 360° | D. 270° |

3. Divide ₹720 in the ratio 3:5. Larger share = ?

- | | |
|---------|---------|
| A. ₹270 | B. ₹450 |
| C. ₹360 | D. ₹400 |

4. The mean of 5, 10, 15, 20, 25 = ?

- | | |
|-------|-------|
| A. 15 | B. 12 |
| C. 20 | D. 18 |

5. Simplify: $3x + 5x - 7$

- | | |
|-------------|--------------|
| A. $8x - 7$ | B. $15x - 7$ |
| C. $8x + 7$ | D. $2x - 7$ |

6. The perimeter of a rectangle with length 12 cm and breadth 8 cm = ?

- | | |
|----------|----------|
| A. 40 cm | B. 42 cm |
| C. 38 cm | D. 50 cm |

7. Which of the following is a rational number?

- | | |
|---------------|---------|
| A. $\sqrt{2}$ | B. 0.75 |
| C. π | D. e |

8. Which quadrilateral has both pairs of opposite sides equal and parallel?

- A. Trapezium
- B. Rectangle
- C. Parallelogram
- D. Square

9. If a die is rolled, the probability of getting an even number is:

- A. $\frac{1}{2}$
- B. $\frac{1}{3}$
- C. $\frac{1}{6}$
- D. $\frac{2}{3}$

10. What is the square of 17?

- A. 289
- B. 144
- C. 256
- D. 196

11. A graph representing data using rectangles is called:

- A. Line graph
- B. Bar graph
- C. Pie chart
- D. Histogram

GRADE 9

Choose the correct answer.

1. If two numbers are 8 and 12, their HCF is:

- A. 4
- B. 6
- C. 8
- D. 12

2. Which quadrant contains points with $x > 0$, $y > 0$?

- A. I
- B. II
- C. III
- D. IV

3. Volume of a cuboid with dimensions $2\text{ cm} \times 3\text{ cm} \times 4\text{ cm}$ is:

- A. 24 cm^3
- B. 20 cm^3
- C. 9 cm^3
- D. 12 cm^3

4. Mean of first 10 natural numbers is:

- A. 5
- B. 5.5
- C. 6
- D. 10

5. Volume of a cube with side 5 cm is:

- A. 25 cm^3
- B. 125 cm^3
- C. 150 cm^3
- D. 100 cm^3

6. Mean of 5, 10, 15, 20, 25 is:

- A. 15
- B. 20
- C. 25
- D. 10

7. Surface area of a right circular cylinder $= 2\pi r(h + r)$.

- A. True
- B. False
- C. Sometimes
- D. None

8. Mode of 3, 3, 4, 4, 5, 5 is:

- A. 3
- B. 4
- C. No mode
- D. Multiple modes

9. Which type of graph best shows parts of a whole?

- A. Line graph
- B. Pie chart
- C. Bar graph
- D. Scatter plot

10. For a set of equally spaced values, the median is equal to the_____

- A. Mean
- B. Mode
- C. Zero
- D. Cannot say