

**Class : 7**Register  
Number**SECOND TERM - SUMMATIVE ASSESSMENT(SA) - 2023-24**

Time Allowed : 2.00 Hours]

**MATHEMATICS**

[Max. Marks :60

**PART - I****I. Choose the correct Answer.**

5x1=5

- To convert grams into kilograms, we have to divide to it by  
a) 10000                      b) 1000                      c) 100                      d) 10
- The ratio of the area of a circle to the area of its semicircle is  
a) 2:1                      b) 1:2                      c) 4:1                      d) 1:4
- Observe the equation  $(10+y)^4 = 50625$  and find the value of y  
a) 1                      b) 5                      c) 4                      d) 0
- If two plane figures are congruent then they have  
a) Same size                      b) Same shape  
c) Same angle                      d) Same shape and same size
- The elements along the sixth row of the Pascal's Triangle is  
a) 1, 5, 10, 5, 1                      b) 1, 5, 5, 1  
c) 1, 5, 5, 10, 5, 5, 1                      d) 1, 5, 10, 10, 5, 1

**II. Fill in the Blanks.**

5x1=5

- The simplest form of 0.35 is -----
- Formula used to find the circumference of a circle is -----
- The expanded form of  $p^3q^2$  is -----
- The exterior angles of a triangle add up to -----

X	1	2	3	4	5
Y	4	8	12	16	-

**III. Say true or false:**

5x1=5

- Decimal form of  $\frac{3}{5}$  is 0.6.
- The formula to find the width of the circular path is  $(r-R)$  units.
- $2^3 \times 3^2 = 6^5$ .
- Two circles are congruent if they have the same radius.
- General form of the sequence 1, 4, 9, 16, ..... is  $y = n^2$ .

**IV. Match the following:**

5x1=5

- $\frac{1}{10}$  -  $\pi$
- Area of the rectangular path -  $a^{m+n}$
- $\frac{c}{d}$  - 7
- Degree of  $6x^7 - 7x^3 + 4$  is - 0.1
- $a^m \times a^n$  - LB - lb

**PART - II****V. Answer any 10 questions. Q.No.35 is Compulsory.**

10x2=20

- Expand the decimal number 5678.358.
- Arrange the following in ascending order. 2.35, 2.53, 5.32, 3.52, 3.25.
- Represent the decimal numbers 1.7 and 2.1 on the number line.

CH/7/Mat/1

