

Time : 2 Hrs.

Name: _____

Marks: Orals: _____ /10

Roll No.: _____

Written: _____ /50

Section: _____

Total : _____ /60

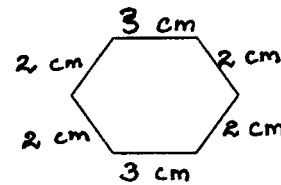
Instructions:

1. Read the questions carefully.
2. Part A to be done in the question paper.
3. Part B and Part C should be done in the answer sheet.

PART A**I. Fill in the blanks:-**

$$\left(\frac{1}{2} \times 10 = 5\right)$$

- 1) Fractions with numerator smaller than the denominator are called _____.
- 2) The distance around a shape or figure is called _____.
- 3) The common end point of an angle is called _____.
- 4) _____ + $\frac{8}{9} = \frac{8}{9}$
- 5) A polygon formed with three line segments is called a _____.
- 6) A unit fraction has _____ as its numerator.
- 7) A _____ has a fixed length.
- 8) $\frac{13}{16} + \text{_____} = \frac{9}{16} + \frac{13}{16}$
- 9) Perimeter of the given figure is _____.
- 10) The mixed numeral for $\frac{26}{5}$ is _____.



II. Choose the correct answer:-

$$\left(\frac{1}{2} \times 10 = 5\right)$$

- 1) Fractions having same values are called _____.
(like fractions, equivalent fractions, unlike fractions)
- 2) The position of two hands in the clock forms _____.
(a ray, a line, an angle)
- 3) The reciprocal of $8\frac{2}{6}$ is _____.
 $\left(\frac{50}{6}, \frac{6}{22}, \frac{6}{50}\right)$
- 4) The area of a rectangle is = _____.
(length x breadth, 4 x side, side x side)
- 5) $\frac{16}{20} = \frac{\quad}{5}$
(8, 2, 4)
- 6) The basic unit of measuring an angle is _____.
(cm, inch, degree)
- 7) $\frac{6}{8}$ of 12 = _____.
 $\left(\frac{6}{96}, \frac{72}{8}, \frac{48}{12}\right)$
- 8) A closed figure having three equal sides is called _____.
(an angle, an equilateral triangle, a rectangle)
- 9) $2\frac{3}{9}$ _____ $1\frac{5}{16}$
(< , > , =)
- 10) $\frac{2}{8} - \underline{\hspace{1cm}} = 0$
 $\left(\frac{1}{8}, 0, \frac{2}{8}\right)$

III. Match the following:-

$$\left(\frac{1}{2} \times 8 = 4\right)$$

- | | |
|-------------------------------------|------------------|
| 1) 130° | $\frac{14}{6}$ |
| 2) Improper fraction | Ray |
| 3) $\frac{3}{9}, \frac{6}{9}$ | $\frac{90}{100}$ |
| 4) One end point | $18\frac{2}{9}$ |
| 5) $\frac{3}{5} \times \frac{4}{6}$ | Like fractions |
| 6) Mixed numeral | No size |
| 7) $\frac{9}{10}$ | $\frac{12}{30}$ |
| 8) Point | Obtuse angle |

Write true or false:-

$$\left(\frac{1}{2} \times 8 = 4\right)$$

- 1) To calculate the perimeter of a triangle, we add the lengths of the three sides. _____
- 2) If two fractions have same numerators, then the fraction with smaller denominator will be the smaller. _____
- 3) A polygon cannot be formed by two line segments. _____
- 4) $\frac{12}{8}$ and $\frac{2}{3}$ are equivalent fractions. _____
- 5) In a fraction $\frac{6}{9}$, 6 is the dividend and 9 is the divisor. _____
- 6) $\frac{9}{1}$, $\frac{12}{1}$ are examples of unit fractions. _____
- 7) A line segment can be positioned vertically, horizontally or slanting. _____
- 8) $\frac{5}{9}$, $\frac{4}{9}$, $\frac{2}{9}$, $\frac{1}{9}$ are in ascending order. _____

V. Use the correct symbol:-

$$\left(\frac{1}{2} \times 5 = 2\frac{1}{2}\right)$$

- 1) Number of sides of a triangle Number of sides of a rectangle.
- 2) $\frac{9}{16}$ $\frac{4}{16}$
- 3) Acute angle Obtuse angle
- 4) Perimeter of a square of side 2m Perimeter of an equilateral triangle of side 2m.
- 5) $2\frac{3}{8}$ $3\frac{1}{6}$

PART B

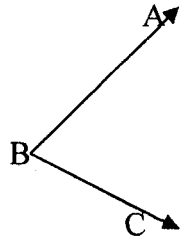
(To be done in the answer sheet)

VI. Do the following:-

(2 x 10 =20)

- 1) Construct a line segment of length 8.6cm.
- 2) Write the next 4 equivalent fractions of $\frac{4}{6}$. _____, _____, _____, _____.
- 3) Draw an angle, name it, write its vertex and arms.
- 4) Add $3\frac{4}{20}$ and $2\frac{7}{20}$.
- 5) Subtract $\frac{5}{9}$ from $8\frac{4}{9}$.

6) Measure the angle and write its measurement.

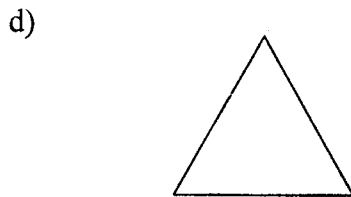
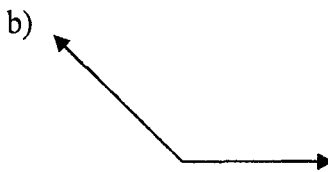
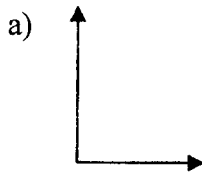


7) Multiply $2\frac{4}{6}$ and $\frac{4}{8}$.

8) Divide $\frac{12}{15}$ by 6.

9) Find the area of the square whose side is 16cm.

10) Identify the following:-



VII. Construct an angle whose measurement is 115° .

$(3\frac{1}{2}$ Marks)

VIII. Answer any two of the following:-

$(3 \times 2 = 6)$

- 1) Rohit filled $9\frac{2}{3}$ ltrs of petrol in his car in the morning. In the evening $5\frac{1}{3}$ ltrs of petrol was left in the car. How much petrol was consumed?
- 2) Find the length of the iron wire required to fence a ground whose length is 22m and breadth is 12m.
- 3) A path is to be made around a park whose shape is that of an equilateral triangle. Each side of the park is 35m. Find the cost of making the path, if it costs 70 paise per meter.