



CLASS: VI  
DATE: 15/01/2023

MAX. MARKS: 20  
TIME: 40 MINUTES

**GENERAL INSTRUCTIONS:**

All questions are compulsory.

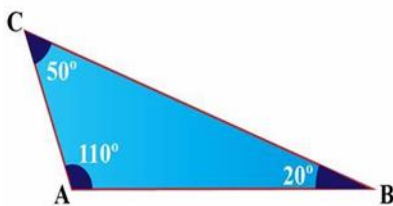
The question paper consists of 11 questions divided into three sections A,B and C.

**SECTION- A (Each question carries 1 mark)**

**Multiple choice questions:**

Choose the correct answer from the given options:

1. Name the figure given below:

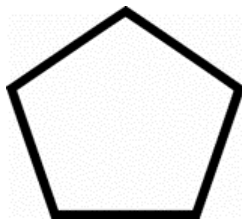


- a. Right angled triangle      b. Obtuse angled triangle      c. Acute angled triangle      d. Equilateral triangle
2. An angle whose measure is less than that of a right angle is:
- a. Straight angle      b. Right angle      c. Acute angle      d. Obtuse angle

**OR**

An angle whose measure is greater than that of a right angle is:

- a. Zero angle      b. Right angle      c. Acute angle      d. Obtuse angle
3. Name the polygon:



- a. Triangle      b. Square      c. Pentagon      d. Hexagon
4. Write the fraction representing the shaded portion:



- a.  $\frac{3}{4}$       b.  $\frac{1}{4}$       c.  $\frac{1}{2}$       d.  $\frac{1}{3}$
5. What fraction of a day is 8 hours?
- a.  $\frac{2}{3}$       b.  $\frac{1}{4}$       c.  $\frac{1}{2}$       d.  $\frac{1}{3}$

**SECTION- B (Each question carries 2 marks)**

6. Replace  $\square$  in the following by the correct number.

$$\frac{2}{7} = \frac{8}{\square}$$

**OR**

Draw the number line and locate the points on it.

$$\frac{1}{8}, \frac{3}{8}, \frac{5}{8}, \frac{7}{8}$$

7. Reduce the fraction  $\frac{48}{60}$  to the simplest form.

8. What is the measure of the following?

(i) a right angle

(ii) a straight angle

**SECTION- C (Each question carries 3 marks)**

9. Add:  $3\frac{2}{3} + 5\frac{1}{4} + 4\frac{1}{2}$

10. Subtract:  $5\frac{6}{7} - 2\frac{2}{3}$

11. Simplify:  $4\frac{2}{3} - 3\frac{1}{4} + 7\frac{1}{2}$

**OR**

Savita bought  $\frac{2}{5}$  m of ribbon and Kavita bought  $\frac{3}{4}$  m of the ribbon. What was the total length of the ribbon they bought?

**\*\*THE END\*\***



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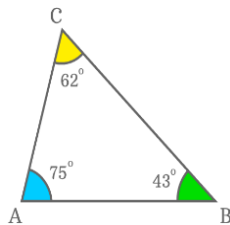
The question paper consists of 11 questions divided into three sections A,B and C.

**SECTION- A (Each question carries 1 mark)**

Multiple choice questions:

Choose the correct answer from the given options:

1. Name the figure given below:



- a. Right angled triangle      b. Obtuse angled triangle      c. Acute angled triangle      d. Equilateral triangle

2. An angle whose measure is equal to  $90^\circ$  is:

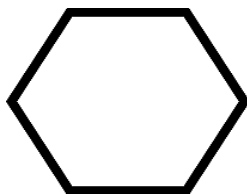
- a. Zero angle      b. Right angle      c. Acute angle      d. Obtuse angle

**OR**

An angle whose measure is equal to  $180^\circ$  is:

- a. Straight angle      b. Right angle      c. Acute angle      d. Obtuse angle

3. Name the polygon:



- a. Triangle      b. Square      c. Pentagon      d. Hexagon

4. Write the fraction representing the shaded portion:



- a.  $\frac{3}{4}$       b.  $\frac{1}{4}$       c.  $\frac{1}{2}$       d.  $\frac{1}{3}$

5. What fraction of a day is 8 hours?

- a.  $\frac{2}{3}$       b.  $\frac{1}{4}$       c.  $\frac{1}{2}$       d.  $\frac{1}{3}$

**SECTION- B (Each question carries 2 marks)**

6. Replace  $\square$  in the following by the correct number:

$$\frac{2}{7} = \frac{10}{\square}$$

**OR**

Draw the number line and locate the points on it.

$$\frac{1}{6}, \frac{3}{6}, \frac{5}{6}, \frac{7}{6}$$

7. Reduce the fraction  $\frac{49}{84}$  to the simplest form.

8. What is the measure of the following?

(i) a right angle

(ii) a straight angle

**SECTION- C (Each question carries 3 marks)**

9. Add:  $5\frac{2}{3} + 6\frac{1}{4} + 4\frac{1}{2}$

10. Subtract:  $4\frac{6}{7} - 2\frac{2}{3}$

11. Simplify:  $6\frac{2}{3} + 4\frac{1}{4} - 7\frac{1}{2}$

**OR**

Ramesh bought  $2\frac{1}{2}$  kg of sugar whereas Rohit bought  $7\frac{1}{2}$  kg of sugar. Find the total amount of sugar bought by both.

**\*\*THE END\*\***