

Grade:V

Periodic Test 1

Mark:40

Name : _____

(Mathematics)

Time: 01.30 hrs

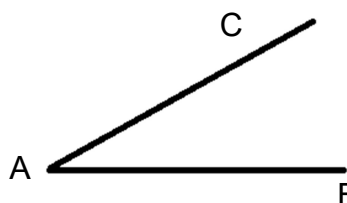
Roll No. : _____

Date:19/7/25

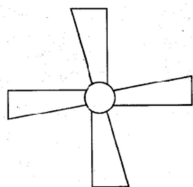
I) Choose the correct option:

(10X1=10)

1. What is a line segment?
 - a) A line that goes on forever in both directions.
 - b) A part of a line with two endpoints.
 - c) A line with one endpoint.
 - d) A curved line.
2. How many sides does a heptagon have?
 - a) 5
 - b) 6
 - c) 7
 - d) 8
3. Which angle measures exactly 90 degrees?
 - a) Acute angle
 - b) Obtuse angle
 - c) Right angle
 - d) Straight angle
4. In the following figure, what is the name of the angle shown?



- a) $\angle ABC$
 - b) $\angle BAC$
 - c) $\angle ACB$
 - d) $\angle CBA$
5. Which shape will look same for $\frac{1}{3}$ turn and $\frac{1}{6}$ turn?



a)



b)



c)



d)

6. What is the place value of 5 in 6,54,32,108 in the Indian system?
 - a) 5,00,000
 - b) 50,000
 - c) 5,000
 - d) 500
7. What is the Roman numeral for 49?
 - a) XLIX
 - b) LXIX
 - c) XLI
 - d) LXXI
8. What is the greatest 7-digit number formed using the digits 2, 0, 8, 5, 3, 7, 1 (each used at most once)?
 - a) 8,75,32,10
 - b) 8,75,31,02
 - c) 8,73,52,10
 - d) 8,73,21,05

9. If the number 4,32,198 is rounded to the nearest ten thousand and then to the nearest thousand, what is the final result?

- a) 4,32,000 b) 4,30,000 c) 4,33,000 d) 4,32,200

10. In the international system, how is 5,43,21,789 written?

- a) 54,321,789 b) 5,432,178 c) 543,217,89 d) 5,43,21,789

II) Very Short Answer Questions:

(5X2=10)

11. Draw a polygon with six sides, write its type and name it.

12. Write the type of angle.

- a. 45° b. 185° c. 90° c. 130°

13. Mark the commas using the number 789456 in the Indian system and International system and write the name in both the system.

14. Find the successor and predecessor of 5,00,000.

15. Convert Roman numeral to a Hindu-Arabic numeral.

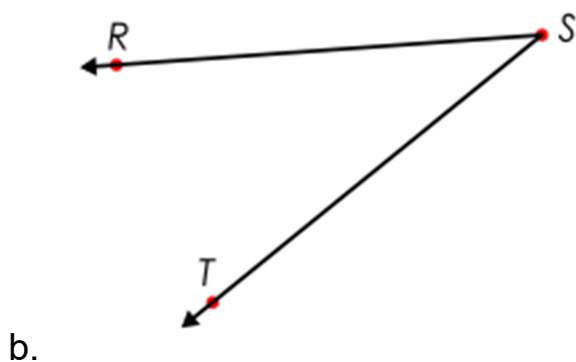
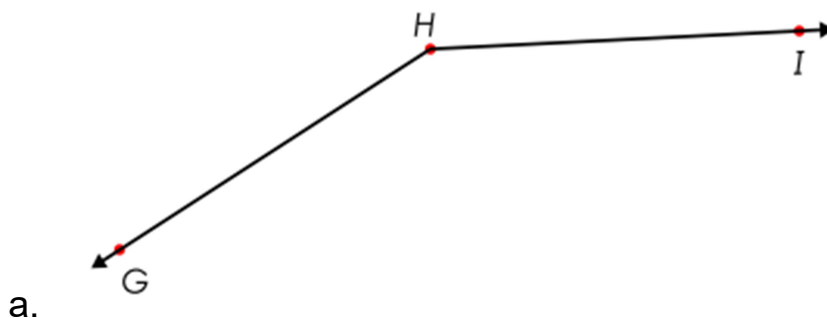
- a. XXXIV b. CCII c. XLI d. CCCXLV

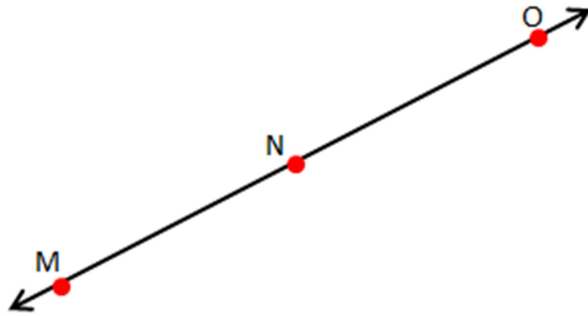
III) Very Detailed Answer Questions:

(4X3=12)

16. Draw a line, a ray, and a line segment, label them appropriately and name them.

17. Measure the angles and write its type.





c.

18. Form the numbers

- What is the successor and predecessor of the greatest 6-digit number
- Using the seven digits form the greatest and smallest seven-digit number (do not repeat the digits)

Digits to be used	Greatest 7-digit number	Smallest 7-digit number
9,6,2,8,7,3,1		
6,7,0,9,4,5,8		

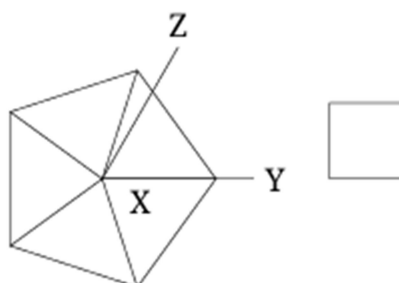
19. Round off the numbers to the given place values.

Numbers	Nearest tenthousand	Nearest lakh	Nearest ten lakh
16,76,452			
78,35,153			

IV) Case-Based Question:

(2X4=08)

20. Sarah is designing a garden layout. She draws a plan with a pentagonal flower bed, a square bench, and a path forming an angle. The figure below shows part of her design:



- Name the polygon representing the flower bed. (1 mark)
- Does the square bench have rotational symmetry? (1 mark)
- Identify the arms and vertex of the angle formed by the path. What type of angle is $\angle XYZ$ if it measures 60 degrees? (2 mark)

21. A library records the number of books in four different sections, each represented by a 7-digit number:

- Fiction Section: 3,987,654
- Non-Fiction Section: 5,123,789
- Children's Section: 4,256,123
- Reference Section: 6,789,012

1. Write the number of books in all the section in the **Indian System** of numeration. (1 mark)
2. Write four consecutive numbers after children's section book count. (1 mark)
3. Arrange the number of books in all four sections in **ascending order** and **descending order**. (2 mark)

All the Best