Grade:IV   **Periodic Test 1**   **Mark:40**

Name :_____   **(Mathematics)**   **Time: 01.30 hrs**

Roll No. :_____   **Date:17/7/25**

I) Choose the correct option: (10X1=10)

1. Which of the following shapes is NOT a polygon?
   A) Triangle   B) Rectangle   C) Circle   D) Pentagon
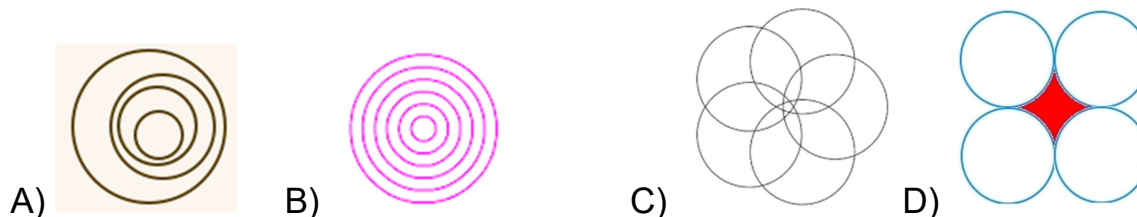
2. Which of the following is a regular polygon?
   A) Rectangle   B) Square   C) Trapezium   D) Kite

3. How many sides does a quadrilateral have?
   A) 3   B) 4   C) 5   D) 6

4. Which figure shows concentric circles?

   A)   B)   C)   D)

5. Which shape has only one line of reflectional symmetry?

   A)   B)   C)   D)

6. What is the place value of 7 in 47,382?
   A) 7   B) 70   C) 700   D) 7,000

7. Which of the following is the number name for 56,204?
   A) Fifty-six thousand two hundred four
   B) Fifty-six thousand twenty-four
   C) Five thousand six hundred two hundred four
   D) Fifty-six thousand forty-two

8. Which number is greatest?
   A) 45,678   B) 54,678   C) 48,567   D) 47,856

9. Arrange these numbers in ascending order: 32,109; 31,902; 32,901; 31,290
   A) 31,902; 31,290; 32,109; 32,901
   B) 31,290; 31,902; 32,109; 32,901
   C) 32,901; 32,109; 31,902; 31,290
   D) 31,290; 32,109; 31,902; 32,901
10. What is 6,489 rounded off to the nearest hundred?
   A) 6,400   B) 6,500   C) 6,480   D) 6,490

II) Very Short Answer Questions: **(5X2=10)**
11. Draw and name any two polygons.
12. Calculate the following.

S.no	Radius	Diameter
a.	12 cm	
b.		100 cm

13. Write the number name and expanded form for 18,025.
14. What is the face value and place value of 3 in 53,412?
15. Form the smallest and greatest 5-digit numbers using the digits 2, 5, 8, 0, 3 (each digit only once).

III) Very Detailed Answer Questions: **(4X3=12)**
16. Draw a circle using a compass. Then, using the same center, draw another circle with a larger radius to show concentric circles. Label the center as 'O' , and the radii as r1and r2.Draw a chord for the bigger circle.
   (Draw and label your diagram clearly.)
17. Explain with diagrams the difference between a regular and an irregular polygon. Give one example of each.(Explain in your own words.)
18. A number has 5 digits. The digit at the ten thousand place is 2, the digit at the thousand place is 0, the digit at the hundred place is 9, the digit at the tens place is 5, and the digit at the ones place is 8.
   a) Write the number.
   b) What is the sum of the place values of the digits at the hundred and tens places?
19. Round off the given numbers as indicated:

Number	Nearest Tens	Nearest Hundreds	Nearest thousands
68,278			
12,901			

IV) Case-Based Question: (2X4=08)

20. Riya has a piece of paper in the shape of a rectangle. She folds it exactly in half along its longer side and finds that both halves match perfectly. She then tries folding it along the shorter side and again the halves match.
    a) What property of the rectangle is Riya observing?
    b) How many lines of reflectional symmetry does a rectangle have?
    c) Draw a rectangle and show its lines of symmetry.
21. A shopkeeper has three boxes with the following number of pencils:
    Box A: 19,876 pencils
    Box B: 10,045 pencils
    Box C: 19,950 pencils
    Box D: 9,788 pencils
    a) Which box has the greatest number of pencils?
    b) Arrange the boxes in descending order based on the number of pencils.
    c) If the shopkeeper wants to round off the number of pencils in each box to the nearest hundred, what will be the new numbers?

All the Best