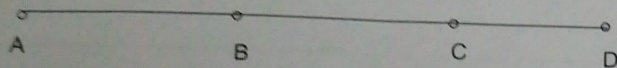# Summative Assessment
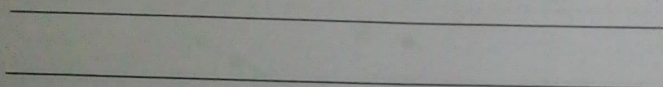
A. Very Short Answer Type Questions (1 Mark)
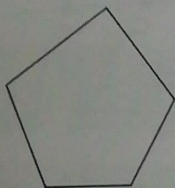
1. How many line segments does the given figure have?

A   B   C   D
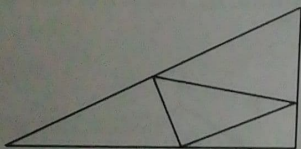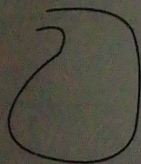
_____

2. Draw three lines that have no point of intersection.

_____

_____

3. How many angles does the given figure have?
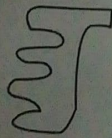

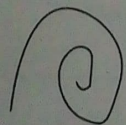_____

4. Count the number of triangles on the given figure.
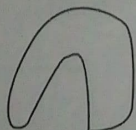

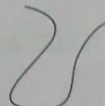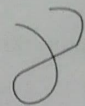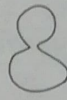
_____

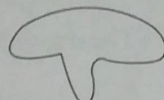**5.** Tick the closed curves:

(a)   (b)   (c)   (d)
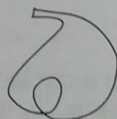
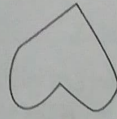**6.** Tick the simple curves:

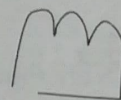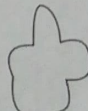(a)   (b)   (c)   (d)

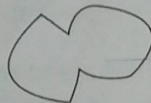**7.** Tick the simple closed curves:

(a)   (b)   (c)   (d)
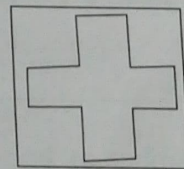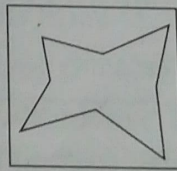
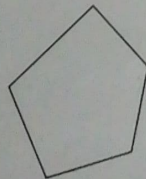**8.** Shade the interior of the following figures:
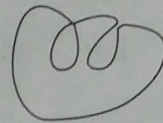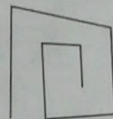

(a)   (b)

9. Shade the exterior of the following figures:

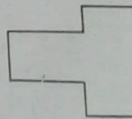**10.** Tick the polygons out of the following:
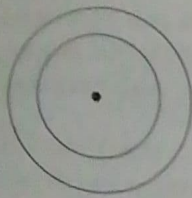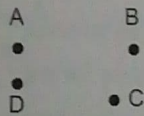

(a)   (b)   (c)   (d)

11. Shade the region in the exterior of the smaller circle but the interior of the larger circle.

B. Short Answer Type Questions (2 Marks)

1. P is a point on the line segment AB. How many line segments can be formed using points A, B and P. Name them.

_____

_____

2. The number of lines that can pass through A,B,C and D.

taken two at a time is _____. Name them.

_____

3. P, Q, R and S are four different points on a circle. How many lines can be drawn to pass through them. Name them.

_____

_____

4. Give a letter of English alphabet in upper case that represents a simple closed curve?

_____

5. B is a point on $\overline{OA}$. Is $\overline{OA}$ different from $\overline{OB}$? Give reason.
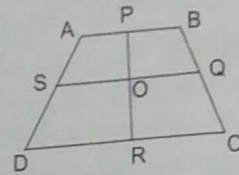
_____

6. The number of line segments in the given figure is _____. Name them.

_____
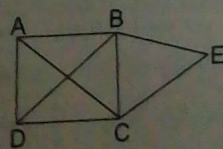
7. In △ XYZ,

(a) vertices are _____ ;

(b) sides are _____

8. In △ ABC,

(a) side opposite to vertex A is _____ ;
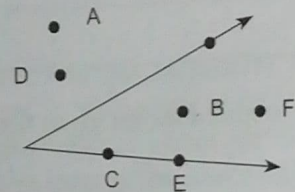
(b) angle opposite to side CA is _____ .

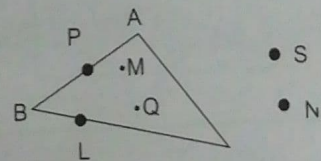*9. The number of quadrilaterals in the given figure is _____

10. Radius of a circle is 10 cm. What will be the diameter of the circle whose radius is equal to the diameter of this circle?
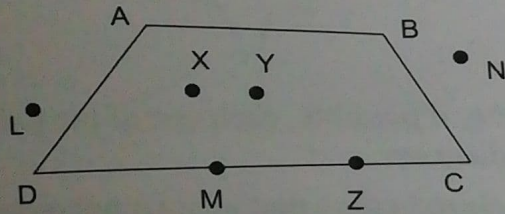
_____

_____

C. Short Answer Type Questions (3 Marks)
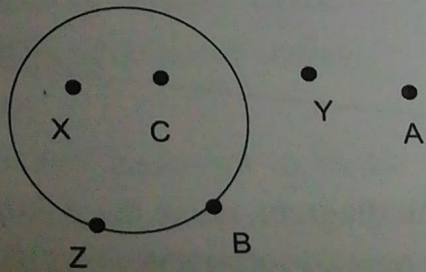
1. Name the points in the interior, exterior and on the angle.

_____

_____

_____

2. Name the points in the interior, exterior and on the triangle ABC
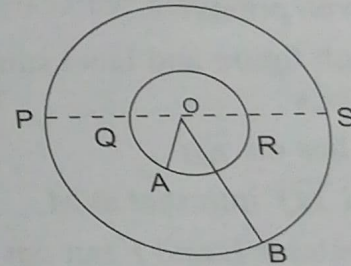

_____

_____

_____

3. Name the points in the interior, exterior and on the quadrilateral ABCD.

_____

_____

_____

4. Name the points in the interior, exterior and on the circle.

_____

_____

_____

*5. O is the common centre of the circles shown in the figure.

If OA = 3 cm and OB = 5 cm, then find PQ + RS.

_____

_____

_____

_____