S.NO	MCQ	ANSWER
1	A set of points with one end point and can be extended in one direction is (a). line segment (b). line (c). ray (d). plane	
2	A line segment joining the centre to any point on the circle is called the _____ of the circle. (a). centre (b). radius (c). diameter (d). chord	
3	An angle has (a). one vertex and one arm (b).one vertex and two arms (c). two vertex and one arms (d). two vertex and two arms	
4	The meeting point of a pair of adjacent sides of a polygon is called its _____ . (a). vertex (b). diagonal (c). adjacent angles (d) . none of these	
5	A line segment joining any two points on the circle is called _____ . (a). radius (b). diameter (c). chord (d) sector	

S.NO	FILL IN THE BLANKS	ANSWER
6	Two lines having a common point are called _____.	
7	Two sides of a polygon having a common end point are called _____.	
8	The set of all points that lie inside an angle is called the _____ of the angle.	
9	A region in the interior of a circle enclosed by an arc on one side and a pair of radii on the other two sides is called a _____.	
10	A closed figure bounded by three or more line segments is called a _____.	

S.NO	STATE WHETHER THE FOLLOWING STATEMENTS ARE TRUE OR FALSE	ANSWER
11	The side opposite to angle Y in △XYZ is XZ.	
12	A quadrilateral always has two diagonals.	
13	In a given circle a radius is equal to twice the diameter	
14	The interior of a curve together with its boundary is called its region	
15	Any number of chords can be drawn in a circle.	

ANSWER THE FOLLOWING QUESTIONS

1	Identify a point, a line segment, a ray, intersecting lines or parallel lines from the following examples
	a. The sharpened end of a pencil
	b. Light from a torch
	c. The English alphabet X
	d. Opposite edges of a ruler
	e. The edge of a post card

2	From the given figure, name
	a. line containing point A
	b. line passing through G
	c. a pair of intersecting lines
	d. two rays with initial point D

3	In the given figure, name
	a. the three angles
	b. vertices of the triangle
	c. sides of the triangle
	c. the points in the interior of the triangle
	d. the point in the exterior of the triangle
	e. the points on the triangle

4	In the quadrilateral ABCD, name the following
	a. vertices
	b. pair of opposite sides
	c. pair if opposite angles
	d. pair of adjacent sides
	e. diagonals

5	From the figure, identify
	a. the centre of the circle
	b. a radius
	c. a diameter
	d. a chord
	e. an arc
	f. a sector