Name: _____          Date :

Class: 6    Div: _____          Subject : Math

Prepared By: Ms. Snehal Devake          Ch 4 – Basic Geometrical Ideas
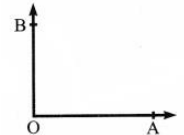
**Q.1) Choose the correct options.**

1) How many lines pass through one given point?

   (a) one          (b) two          (c) countless          (d) none

2) How many lines pass through two given points?

   (a) one          (b) two          (c) many          (d) none

3) A line segment AB is denoted as:

   (a) $\overline{AB}$          (b) $\overleftrightarrow{AB}$          (c) $\overrightarrow{AB}$          (d) both a and c

4) If two lines are perpendicular to each other then angle between them at the point of contact is:

   (a) 80°          (b) 90°          (c) 85°          (d) 100°

5) A line AB is denoted as:

   (a) $\overline{AB}$          (b) $\overleftrightarrow{AB}$          (c) $\overrightarrow{AB}$          (d) both a and b

6) A ray AB is denoted as:

   (a) $\overline{AB}$          (b) $\overleftrightarrow{AB}$          (c) $\overrightarrow{AB}$          (d) both a and c

**Q.2) Draw a polygons have**:

   a) 3 side          b) 8 sides          c) 5 sides

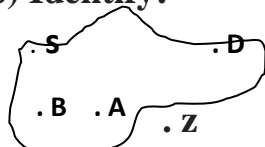**Q.3) Name the rays in the following figure. What is the starting point of each ray?**



**Q.4) Identify the open curve and closed curve.**

a)           b)           c) 

**Q.5) Identify the following images.**

a)           b)           c) 

d)           e)           f) 

**Q.6) Identify:**

          a) Interior of the curve :          b) Exterior of the curve :

c) On boundary of the curve :

**Q.7) Draw rough diagrams of two angles such that they have:**

   a) Two points in common          b) Four points in common          c) One ray in common

**Q.8) Draw any two letters of the English alphabet which are closed figures and open figure.**

   SUBJECT TEACHER          HOD          CO-ORDINATOR          PRINCIPAL