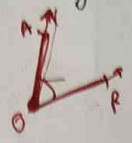
S.S.S BANI
class - 6th
Sub. - Maths
M.M - 20

Q.1 Name the line segments in figure. Which of the five marked points are on exactly one of the line segments? Which are on two of the line segments?

$\overline{LM}$, $\overline{MP}$, $\overline{PQ}$, $\overline{QR}$ - line segment

One line segment : L, R

Two — M, P, Q.



(3)

Q.2 In figure name :

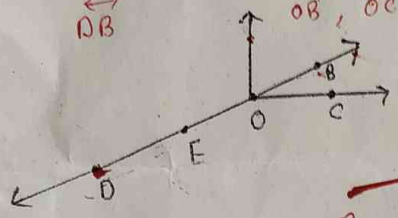
a) Five points — O, E, O, C, and B

b) A line — $\overleftrightarrow{DB}$

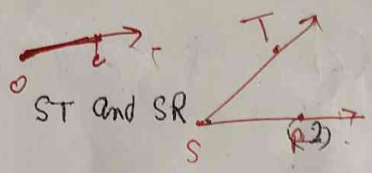
c) Four rays — $\overrightarrow{OB}$, $\overrightarrow{OC}$, $\overrightarrow{OD}$, $\overrightarrow{OE}$

d) Five line segments — $\overline{OC}$ and $\overline{OD}$, $\overline{DE}$, $\overline{EO}$, $\overline{OB}$

(4)



Q.3 Draw and label an angle with arms ST and SR



(2)

Q.4 Mark any three points on your paper that are not on one line. Label them A, B, C. Draw all possible lines going through pairs of these points. How many lines do you get? Name them. How many angles can you name using A, B, C? Write them down, mark each of them with a curve.

(4)

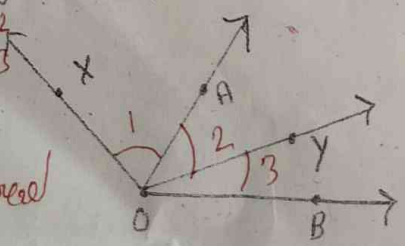
Q.5 Which angle is greater: $\angle XOY$ or $\angle AOB$? Give reasons.

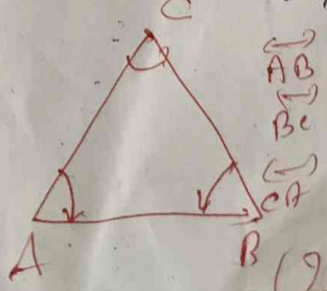
$\angle XOY = \angle 1 + \angle 2$

$\angle AOB = \angle 2 + \angle 3$

$\angle XOY > \angle AOB$

$\angle 1$ has more spread than $\angle 3$





(2)

Q.6 How many right angles do the windows of your classroom contain? 4 right angle (1)

Q.7 Make a few acute angles and a few obtuse angles. Draw them in different orientations (2)