CLASS –X, SUBJECT-MATHEMETICS
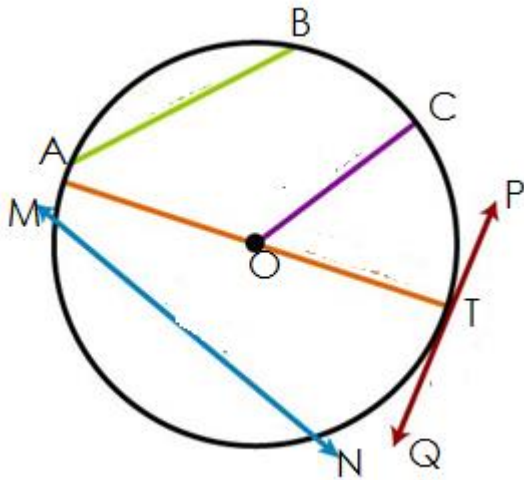
WORKSHEET BASED ON MODULE-1

1.Observe the above figure and Name the following:

    i.   AB is …………………………….

    ii.   OC is …………………………….

    iii.   MN is ………………………….

    iv.   PQ is ………………………….

    v.   Point T is ………………………….

    vi.   AB is ………………………….

    vii. $\angle$PTO is ....

    viii. Diameter of a circle is ……………………… chord.

2. What is difference between chord and secant of a circle?

3. Define the chord of a circle.

4. Define the Secant of a circle.

5. Define the tangent of a circle.

6. Fill in the blanks :
(i) A tangent to a circle intersects it in_____ point (s).
(ii) A line intersecting a circle in two points is called _____ .
(iii) A circle can have _____ parallel tangents at the most.
(iv) The common point of a tangent to a circle and the circle is called _____ .