

Name \_\_\_\_\_  
(Class-VI)

Roll No. \_\_\_\_\_  
[Math SA-II]

## Worksheet - 15

### Class VI

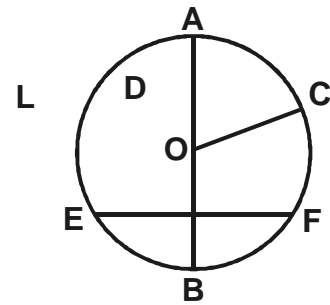
### Chapter - 14 (Practical Geometry)

1. Fill in the blanks :-

- i) If diameter of a circle is 18cm, the radius is \_\_\_\_\_.
- ii) The longest chord of a circle is \_\_\_\_\_.
- iii) Number of circles passing through a given point are \_\_\_\_\_.
- iv) Circle which have same centre but different radii are called \_\_\_\_\_ circles.
- v) Angles of set squares are (i)  $45^\circ$  (ii)  $30^\circ$

2. Refer to the figure given below, answer the following.

- i) Name any radius of the circle \_\_\_\_\_
- ii) Name centre of the circle \_\_\_\_\_
- iii) Name any segment of the circle \_\_\_\_\_
- iv) Name one sector of the circle \_\_\_\_\_
- v) Name any point in the interior of the circle \_\_\_\_\_
- vi) Name any exterior point of circle \_\_\_\_\_
- vii) Name any point on the circle \_\_\_\_\_



3. Solve

- i) Given  $\overline{AB} = 3\text{cm}$  &  $\overline{CD} = 4\text{cm}$ , construct a line segment  $\overline{xy}$  equal to sum of  $\overline{AB}$  &  $\overline{CD}$ .
- ii) Draw a line segment of length 5cm and construct its perpendicular bisector.
- iii) Draw an angle of  $60^\circ$  and construct its bisector.