

Dear cadets, kindly write the given practicals in the practical record book and submit it on the day of submission. After vacations, we will discuss these practicals.

- 1) To make a right circular cylinder of given height and circumference of base.
- 2) To determine the area of a given cylinder. To obtain the formula for the lateral surface area of a right circular cylinder in terms of the radius (r) of its base and height (h).
- 3) To give a suggestive demonstration of the formula for the volume of a right circular cylinder in terms of its height (h) and radius (r) of the base circle.
- 4) To make a cone of given slant length (I) and base circumference (2pr).
- 5) To give a suggestive demonstration of the formula for the lateral surface area of a cone.
- 6) To give a suggestive demonstration of the formula for the volume of a right circular cone.

- 7) To give a suggestive demonstration of the formula for the surface area of a sphere in terms of its radius.
- 8) To give a suggestive demonstration of the formula for the volume of a sphere in terms of its radius.

Complete all practicals from the site -

"Guidelines for Mathematics Laboratory in Schools Class – X".