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18/ENG04/054
ELECTRICAL/ELECTGRONICS
ENG 232 ASSIGNMENT

1.) It is represented with the use of hidden lines

2. a)Dimensions should not be duplicated, nor should
the same info be given in two different ways.
B) dimensions should be attached to the view that
best shows the contour of the feature being
dimensioned.
C) Wherever possible avoid dimensioning to hidden
lines
D) Avoid dimensions through or over the object
E) Wherever possible locate dimensions in adjacent
views
F) In general a circle is measured by its diameter circle
with line through it,and arc by its radius R0.50

3.)A half section is a view of an object showing
one-half of the view in section.The directional lines on
the section drawing are used to indicate the area that
has been theoretically cut.

Full Section. If the imaginay cutting plane passes through the entire object, splitting the drawn object in two with the interior of the object revealed , this is called a "full section" .

4.)with the use of arrow heads

5.)scale = 5:1 means what will be drawn will be 5 times its original size
Scale = 1 :10 means the 1 is the representation of an object in the drawing while 10 is the actual size of the object
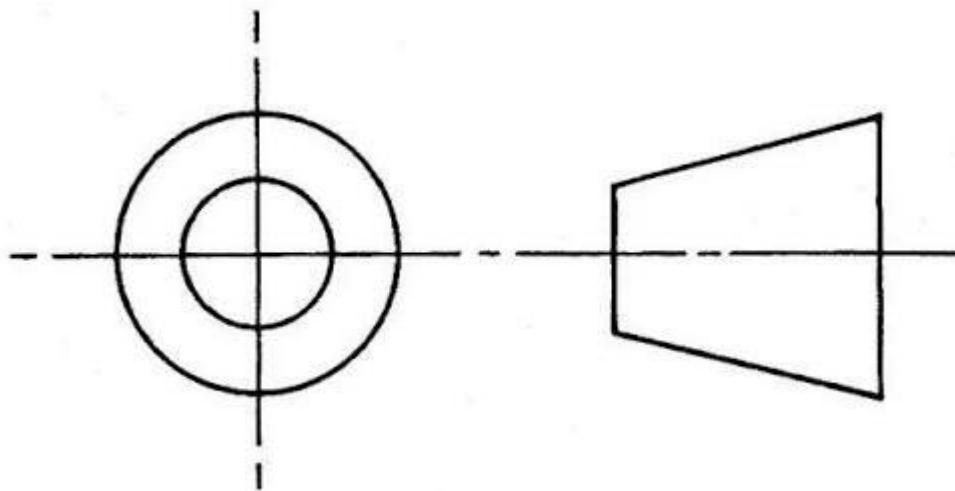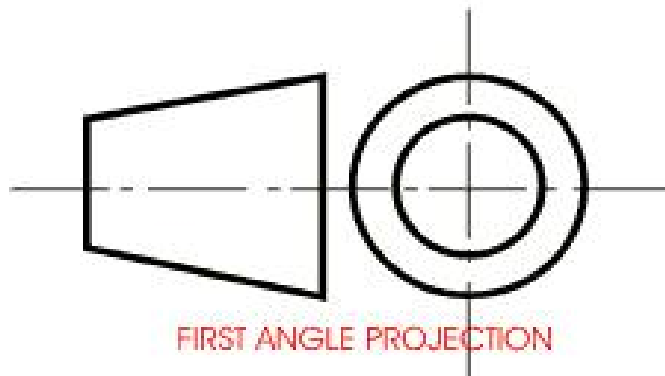
6.)   Diameter
Radius - R
Square-
Spherical radius -

7.) Orthographic projection , Common method of representing three-dimensional objects , usualy by three two-dimentional drawings in each of which the object is viewed along parallel lines lines that are perpendicular to the plane of the drawing.

8.)Its called Parallel when the line of sight or projection lines are parallel to each other.

9.)First angle projection: in this ,the object is imagined to be in the first quadrant . Because the observer normally looks from the right side of the quadrant to obtain the front view.

FIRST ANGLE PROJECTION

Third angle projection   as seen above:in this method the projection plane comes in between the observer and the object .

OBJECTIVES

1.A
2.B
3.C
4. B
5. A
6. B
7. C
8. B
9. A
10. A
11. C
12. A
13. A
14. C
15. D