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MATNO: 18/ENGOH/073
DEPT: ELECT/ELECT
COURSE: ENGINEERING DRAWING

1) By using Cross hatching

- 2 i) A dimension line should never coincide with an object line or Centre line.
- ii) Dimension should be at least 10mm from the object outline.
- iii) where there are several parallel dimension lines in a group, the dimension figures should be staggered so that they will not interfere with one another.
- iv) All dimension extension and leader should be thin, Sharp dark lines

3 a) Half Section: This is a view of an object showing one half of the view in section.

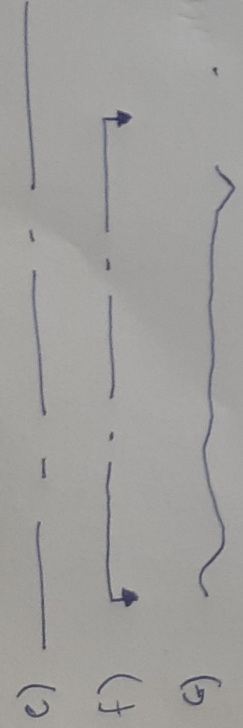
b) Full section: This is when the imaginary cutting plane passes through the entire object, splitting the drawn object in two with the interior of the object reveal.

5 a) Scale 1:2: each division represent 5mm and the measurement will be scaled

b) scale 1:10: each division represent 10mm and the measurement would be scaled

(2)

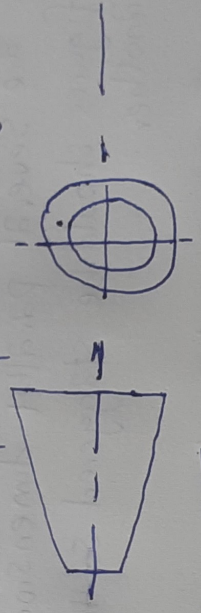
6a) ϕ b) r c) \square d) SR



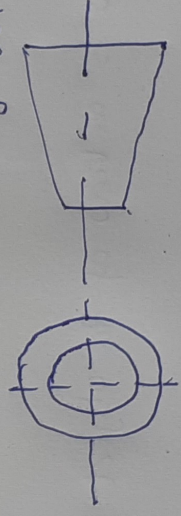
7) Orthographic Projection :- This is a means of representing three dimensional objects in two dimension.

8) That is when all of it is represented on the plane in two dimension

9) a) first angle projection: for the plan position is below and the symbol of representation is



b) Third angle projection: The Plan is placed above in the plane while the front and side are placed below. The symbol of representation is



OBJECTIVE

- 1) Reference plane (A)
- 2) (B) False
- 3) (c) Directly
- 4) (A) Circle (B) 120°
- 5) (A) 60°
- 6) (B) Rivet
- 7) (c) Crowing
- (8) (B) 45°
- (9) (A) Circle
- (10) (A) An ellipse
- 11) (C) Cylinder
- 12) (A) Cone
- 13) (C) Pivot bearing
- (14) (C) 53°
- (15) (D) Horizontal plane