

SCHOOL OF DIPLOMA ENGINEERING, SOLDHA
QUESTIONS FOR REVISION
DIPLOMA ALL BRANCHES 1ST SEM
SUBJECT-EGD

1. What is engineering drawing? Explain its different types.
2. Explain different types of lines.
3. Draw in double stroke vertical and inclined lettering, the following sentence ratio in 7:4 taking height of letters is 35 mm.

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4. To construct a pentagon of side 60 mm.
5. Draw an ellipse whose major axis is 100 mm and minor axis is 60mm.
6. Draw a cycloid when diameter of generating circle 70 mm.
7. Draw a simple scale to show metres and decimeters when 1m =2 cm . the scale should be long enough to measure up to 5 metres. Mark a distance of 3 m and 4 dm on it.
8. On a plan , a line 11 cm long represents a distance of 220 metres. draw a diagonal scale for the plan to read up to single metre. Mark a distance of 287 metres on the diagonal scale.
9. A point L is placed in first quadrant. It is 60 mm above H.P and 20 mm in front of v.p. draw its projections.
10. A line AB 80 mm long is in the H.P. and makes an angle of 45° with the V.P. its end A is 40 mm in front of the V.P. draw its projections.
11. A regular pentagonal plate of negligible thickness has 32 mm side lying . it is on H.P.and perpendicular to V.P. it is 16 mm in front of V.P. and 50° inclined to H.P. draw projections of the plate and its traces.
12. Draw the front, side and top views in full size scale from a pictorial view of a block.
13. Draw the isometric projection of a regular pentagonal prism of base 25 mm and height 60mm with the axis vertical to the ground.