

ENGINEERING DRAWING-I

1st Exam/ECE/IT/2655/Dec' 11

Duration: 3 Hrs.

Max. Marks: 100

Note: Attempt any Four questions.

- Q1 a. Draw in vertical free hand lettering, the following sentence taking size = 8 mm. 13
DO GOOD HAVE GOOD
- b. Sketch the conventions for the following 12
- | | |
|------------------|------------------------|
| i. Centre line | ii. Cutting plane line |
| iii. Hidden line | iv. Long break line |
| v. Glass | vi. Marble |
- Q2. The front, view and top view of a hexagonal prism in vertical position are given in fig. 1. Draw the isometric projection of the prism with axis in vertical position. 25
- Q3. Pictorial view of an object is given in fig. 2. Draw to a suitable scale the following views. 25
- Front view full in section
 - Side view full in section
 - Top view full in section.
- Q4. Pictorial view of an object is shown in fig. 3. Draw elevation, plan and side views to a suitable scale. 25
- Q5. Construct a scale of RF 1:400 to show metres and long enough to measure upto 60 metres. Measure a distance of
- 51 metres
 - 47 metres
 - 3 metres

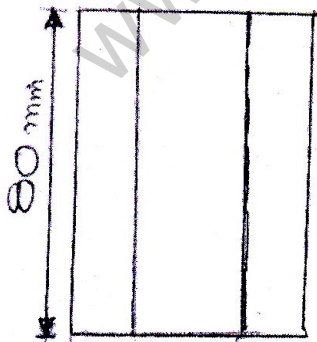


Fig. 1

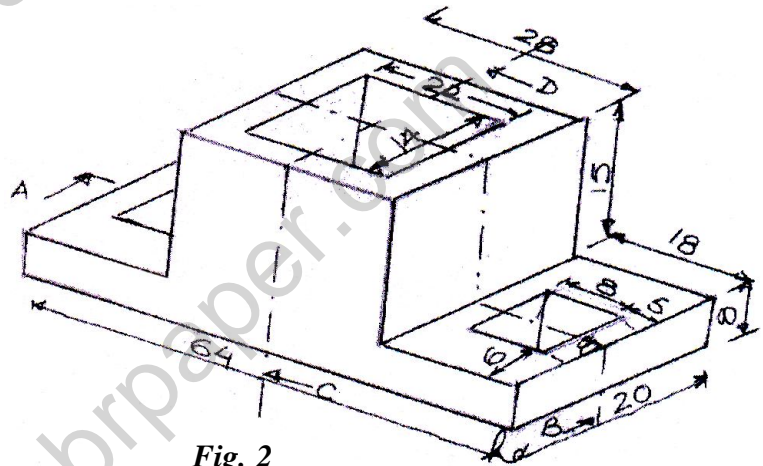
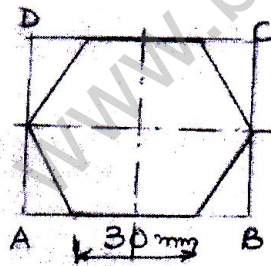


Fig. 2

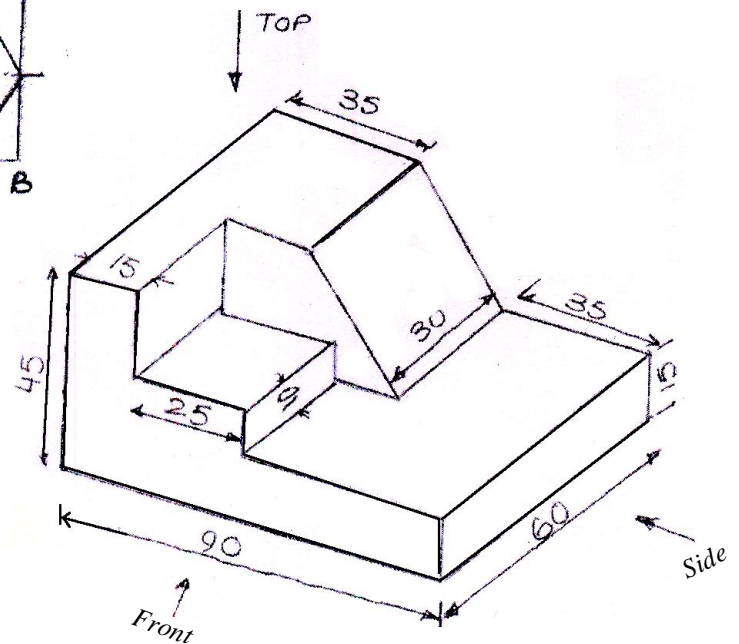


Fig. 3