

**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.

- Front view full in section
- Side view full in section
- Top view full in section. 25

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

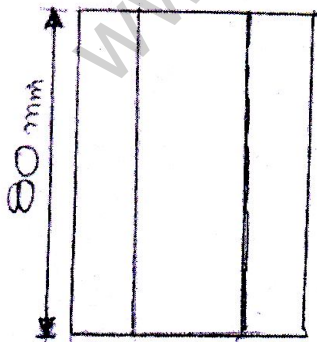


Fig. 1

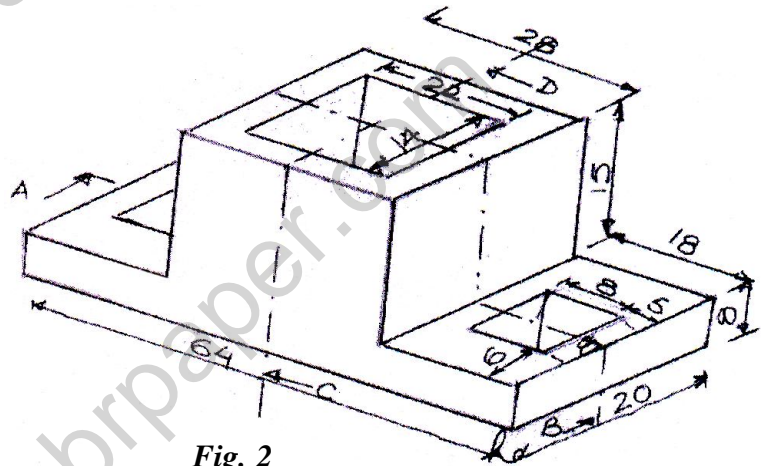
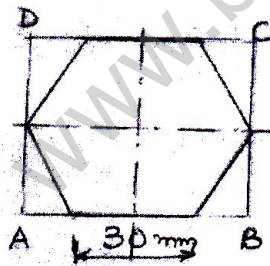


Fig. 2

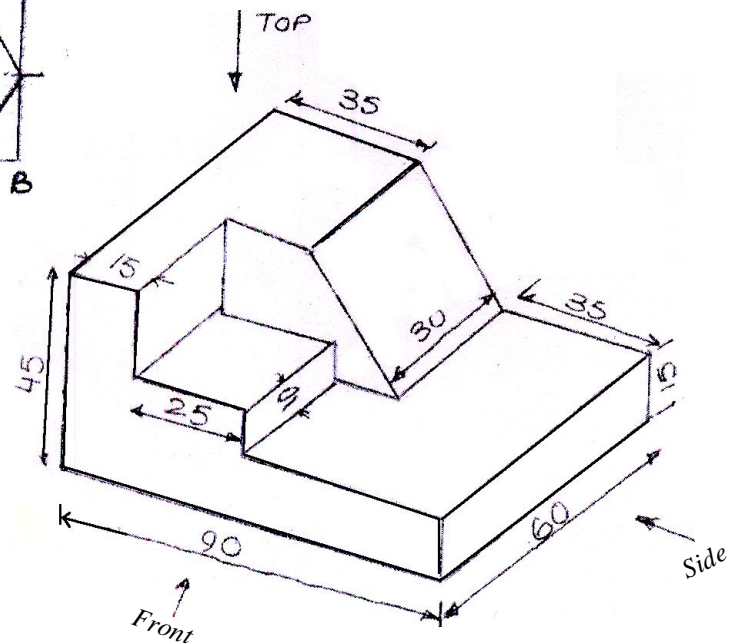


Fig. 3