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Total No. of Pages : 02

Total No. of Questions : 04

B. Architecture (Sem.-1)
ARCHITECTURAL DRAWING – I
Subject Code : AR-125
Paper ID : [A0903]

Time : 4 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. Question Numbers 1 and 2 are compulsory.
2. Attempt any ONE question from the rest.
3. Three Questions are to be attempted in total.
4. Assume any missing data and mention the same.
5. Do not erase the construction lines.
6. Credit will be given for neat drafting.
7. The figures attached are not to scale.
8. All the dimensions given are in millimeters.

Q1. Draft the word GEOMETRICAL in block letters 5 cms high. (25)

Q2. Draw the isometric of the object whose plan and elevation are given in Figure 1 attached. (25)

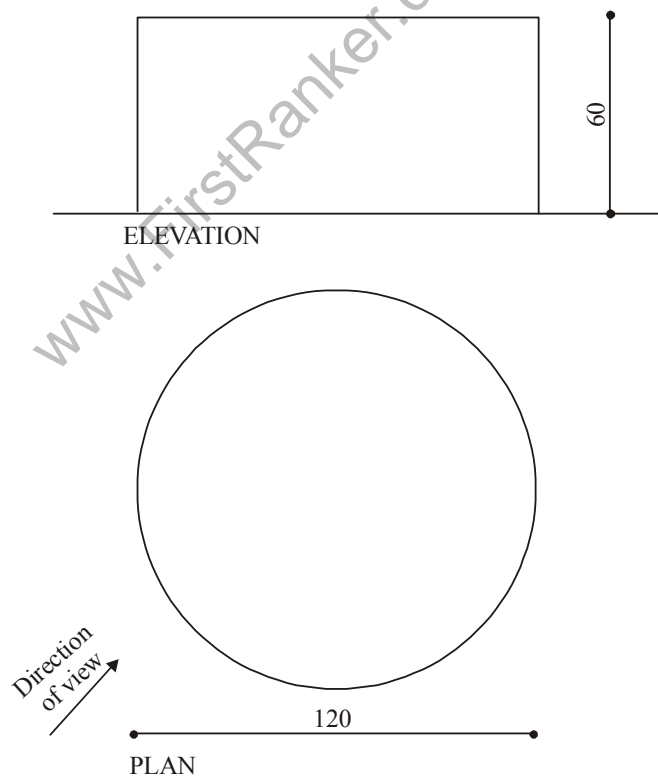


Figure - 1

- Q3. A pentagonal prism with the side of base 50 mm and height 80 mm is resting on one of the corners of its base on the Horizontal plane. The longer edge containing that corner is inclined at 45° to the Horizontal plane. The axis of the prism makes an angle of 30° to the Vertical plane. Draw the projections of the solid. (20)
- Q4. A cone, base 60 mm diameter and axis 60 mm long is lying on the H.P. on one of its generators with the axis parallel to the Vertical plane. A vertical section plane parallel to the generator which is tangent to the ellipse (for the base) in the top view cuts the cone bisecting the axis and removing a portion containing the apex. Draw its sectional front view and true shape of the section. (20)

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