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Roll No. | | | | | | | | | | | | | Total No. of Pages : 02

Total No. of Questions : 08

B. Architecture (2012 & Onwards) (Sem.–1)

ARCHITECTURAL DRAWING – I

Subject Code : BACH-103

M.Code : 45082

Time : 4 Hrs. **Max. Marks : 60**

INSTRUCTIONS TO CANDIDATES :

1. **Attempt any ONE Question from Unit-I.**
2. **Attempt any ONE Question from Unit-II part A.**
3. **Attempt any ONE Question from Unit-II part B.**
4. **Attempt any ONE Question from Unit-III**
5. **Do not erase the construction lines.**
6. **Credit will be given for good drafting.**
7. **Assume any missing data and mention the same.**

UNIT-I

1. Draft the word "DIMENSION LINE" in Block letters 6 cms High. (15)

2. Enlist the various types of lines used in Architectural Drawing. Give their brief description and general application in drawing. (15)

UNIT-II

PART-A

3. A line PQ 75 mm long, has its end P in the V.P. and the end Q in the H.P. The line is inclined at 30° to the H.P. and at 60° to the V.P. Draw its projections. (12.5)

4. A pentagonal pyramid, base 25 mm side and axis 50 mm long has one of its triangular faces in the V.P. and the edge of the base contained by that face makes an angle of 30° with the H.P. Draw its projections. (12.5)

PART-B

5. A square pyramid, base 40 mm side and axis 65 mm long, has its base on the H.P. and all the edges of the base equally inclined to the V.P. It is cut by a section plane, perpendicular to the V.P., inclined at 45° to the H.P. and bisecting the axis. Draw its sectional top view, sectional side view and true shape of the section. (12.5)

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6. A cone, diameter of base 50 mm and axis 65 mm long, is lying on the H.P. on one of its generators with the axis parallel to the V.P. It is cut by a horizontal section plane 12 mm above the ground. Draw its front view, sectional top view. (12.5)

UNIT-III

7. A vertical square prism, base 50 mm side and height 90 mm has a face inclined at 30° to the V.P. It is completely penetrated by another square prism, base 38 mm side and axis mo mm long, faces of which are equally inclined to the V.P. The axes of the two prisms are parallel to the V.P. and bisect each other at right angles. Draw the projections showing lines of intersection. (20)

8. Draw the development of the surface of an octagonal pyramid side of base 50 mm and height 100 mm. (20)

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NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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