

No. of Printed Pages : 03

Roll No. ....

**2013**

**B. Arch. EXAMINATION, May 2019**

(Second Semester)

(Old Scheme) (Re-appear Only)

AR108G

ARCHITECTURAL DRAWING–II

*Time : 3 Hours]*

*[Maximum Marks : 50*

---

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

---

**Note :** Q. No. **1** is compulsory. Attempt any *two* questions of rest. Neatness carries due weightage.

(1-05/38) **M-2013**

**P.T.O.**

1. (a) Assume a tetrahedron of edge 4 cm with the following condition :

- (i) Axis is perpendicular to H.P.
- (ii) Axis is perpendicular to V.P.

Draw the three views in both the above cases.

- (b) Explain the differences between the two types of solids ?

- (i) Polyhedra
- (ii) Solid of Revolution.

Support your answer with relevant examples.

2. Draw the projections of a cone, base 75 mm diameters and axis 100 mm long, lying on H.P. on one of the generators with the axis parallel to V.P. **15**

3. A square pyramid, base 40 mm side and axis 65 mm long, has its base on the H.P. and all the edges of base equally inclined to V.P. It is cut by a section plane perpendicular to V.P.

inclined at  $45^\circ$  to B.P. and bisecting the axis.

Draw its sectional top view, sectional side view and true shape of the section. **15**

4. A vertical cylinder of 80 mm diameters is completely penetrated by another cylinder of 60 mm diameters, their axes bisecting each other at right angles. Draw their projections showing curves of penetration, assuming the axis of the penetrating cylinder to be parallel to V.P. **15**

5. Assume a composition of three solids (cone, cylinder, prism). Assume your own dimensions. Draw the isometric view and axonometric view of the overall composition. **15**