

B.Arch. Second Semester (CGS)
10011 : Architectural Graphics - II : 02 AR 02

P. Pages : 3

Time : Four Hours



AU - 2489

Max. Marks : 80

- Notes :
1. All question carry equal marks.
 2. Answer **three** question.
 3. Question No. **Three & Four** is compulsory.
 4. Diagrams and Chemicals equations should be given wherever necessary.
 5. Use of slide rule logarithmic tables, Steam tables, Moller's Chart, Drawing instrument, Thermodynamic table for moist air, Psychrometric Charts and Refrigeration charts is permitted.
 6. I.S.I Hand book for structural Steel section, I.S. Code 800/1962 or 1964, I.S. 456 (Revised) I.S. 875 may be consulted.
 7. Use of D.A. Laws "Pocket Book For Mechanical Engineers" is permitted.
 8. Discuss the reaction, mechanism wherever necessary.

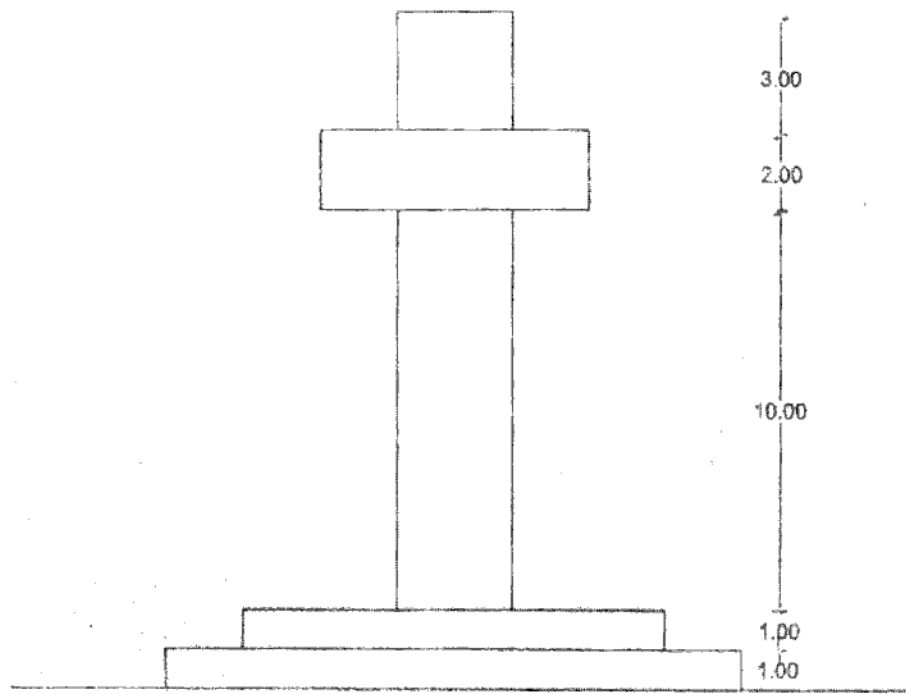
1. Draw Plan, Elevation & section of principal cabin having size 7.00Mx4.50M & height of cabin is 4.00M. The window openings are provided in shorter side's of cabin and entrance door towards longer side. The cabin is constructed by using R.C.C. Frame structure with bricks. Also show the necessary furniture arrangement with a setting capacity for 10 persons in front of principal table. 30

OR

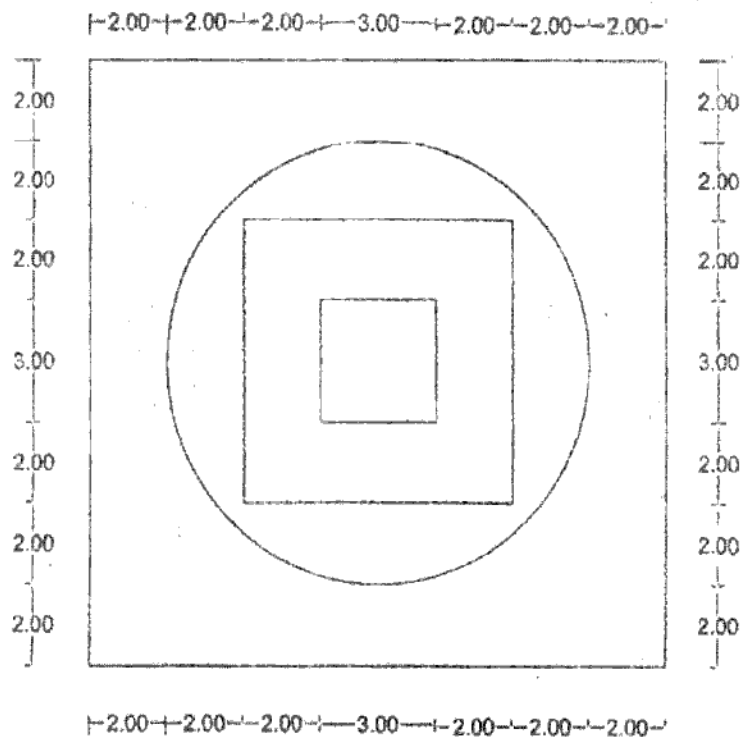
2. The accompanying 'Diagram A' shows plan and elevation of the object. Draw isometric view (Diagram 'A' printed on separate sheet) 30
3. The accompanying diagram 'B' show's plan and elevation of the object. Draw the perspective view of the object with following details:- 25
 - 1) Distance from P.P. to S.P is 17 cm
 - 2) Distance from G.L to E. L is 5 cm.
 - 3) Angle of inclination 45°

(Diagram 'B' printed on separate page)

4. The accompanying 'Diagram 'B' show's plan and elevation of the object. Draw Sciography of the object when source of light is at an angle of 45° to object and light is in front of spectator. 25



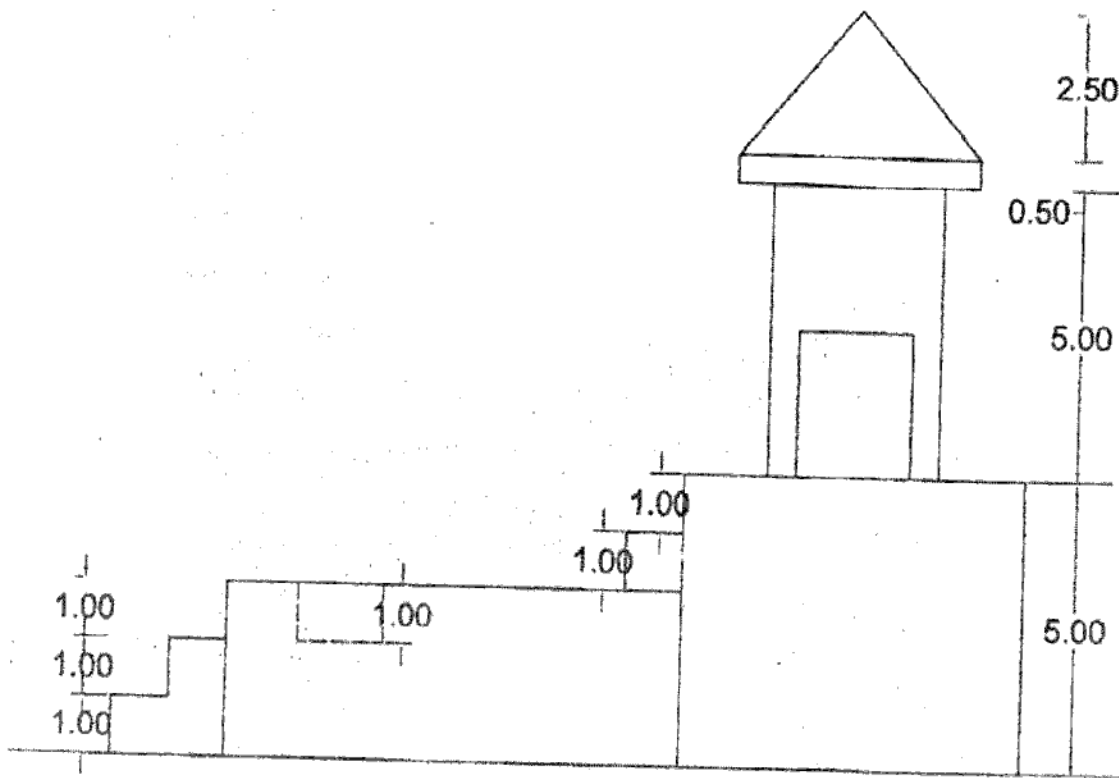
FRONT SIDE ELEVATION



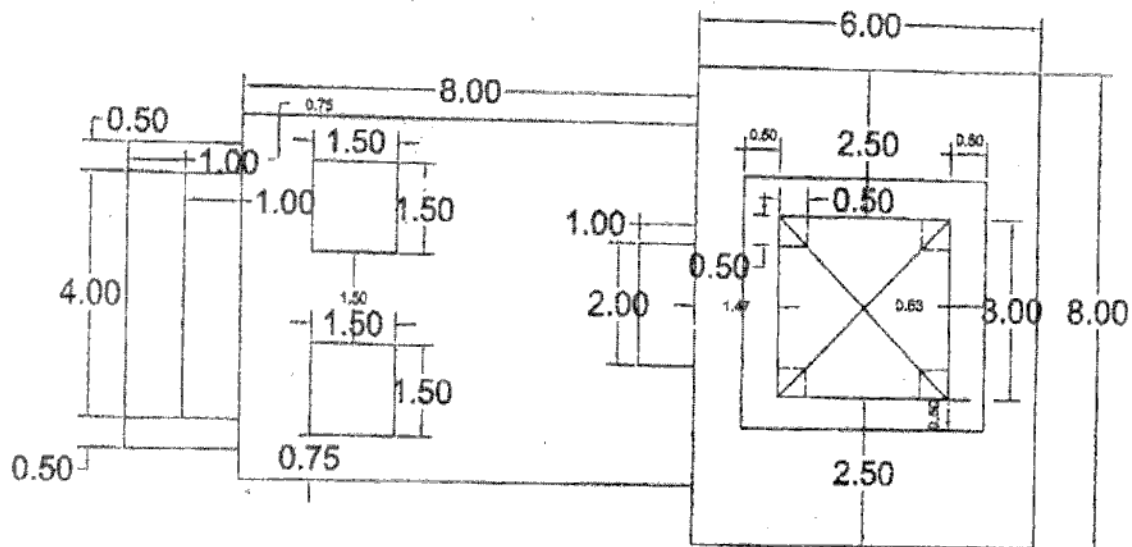
PLAN

ALL DIMENSIONS ARE IN CM.

DIAGRAM 'B'



FRONT SIDE ELEVATION



PLAN

ALL DIMENSIONS ARE IN CM.

DIAGRAM 'A'
