AV – 2605

Second Semester B. Arch. (CGS) Examination

ARCHITECTURAL GRAPHIC - II

Paper - 02 AR 02

(USC – 10011)

P. Pages : 3

Time : Four Hours] [Max. Marks : 80

Note : (1) All questions carry equal marks.
(2) Answer **Three** questions.
(3) Question no. **Three** and **Four** are compulsory.
(4) Diagrams and Chemical equations should be given wherever necessary.
(5) Use of slide rule, logarithmic tables, Steam tables, Mollier'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. Lows "Pocket Book for Mechanical Engineers" is permitted.

1. Draw plan, elevation and section of Doctor's chamber having size 6.00 M x 4.50 M and height 4.00 M, chamber is made up of R. C. C. and bricks with doors and window height 2.10 M from plinth. Height of plinth from ground is 0.90. M. Also show the furniture arrangement inside the chamber. 30

OR

2. The accompaning 'diagram A' shows plan and elevation of the object. Draw isometric view. (Diagram 'A' printed on separate sheet). 30

3. The accompaning diagram 'B' shows plan and elevation of the object. Draw the perspective view of the object with following details :-

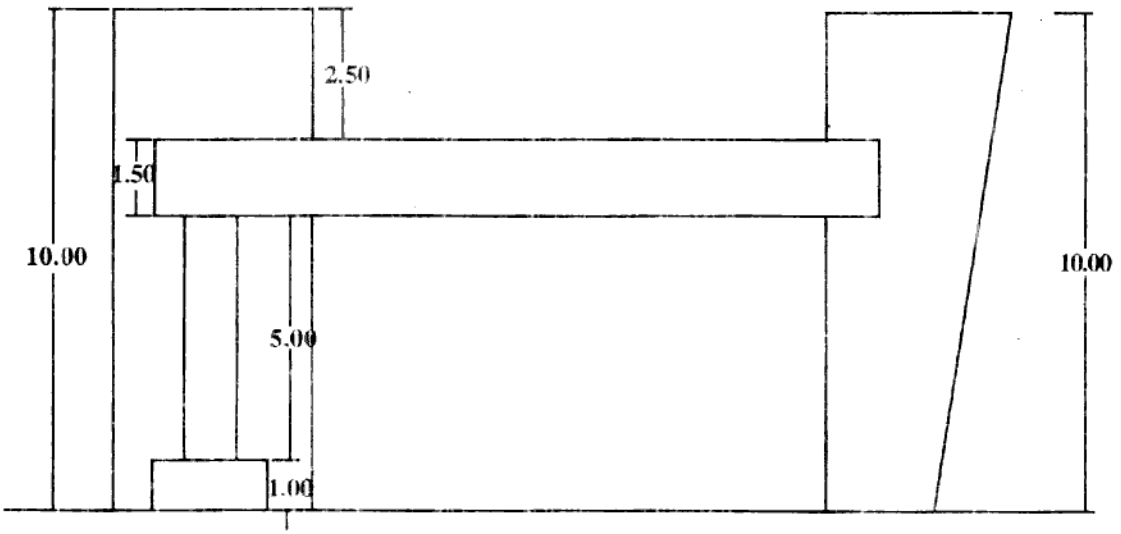
   (i) Distance from P. P. to S. P. = 14 cm

   (ii) Distance from G. L. to E. L. = 12 cm

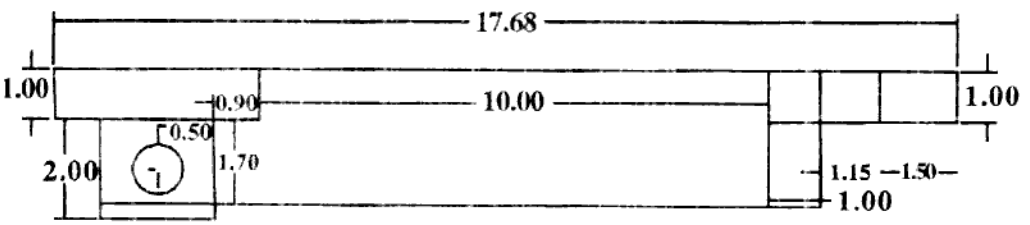
   (iii) Angle of inclination 30^0–60^0

   (Diagram 'B' printed on separate page) 25

4. The accompaning 'diagram 'B' ' shows plan and elevation of the object. Draw sciography of the object when source of light is at an angle of 45^0 to object. 25



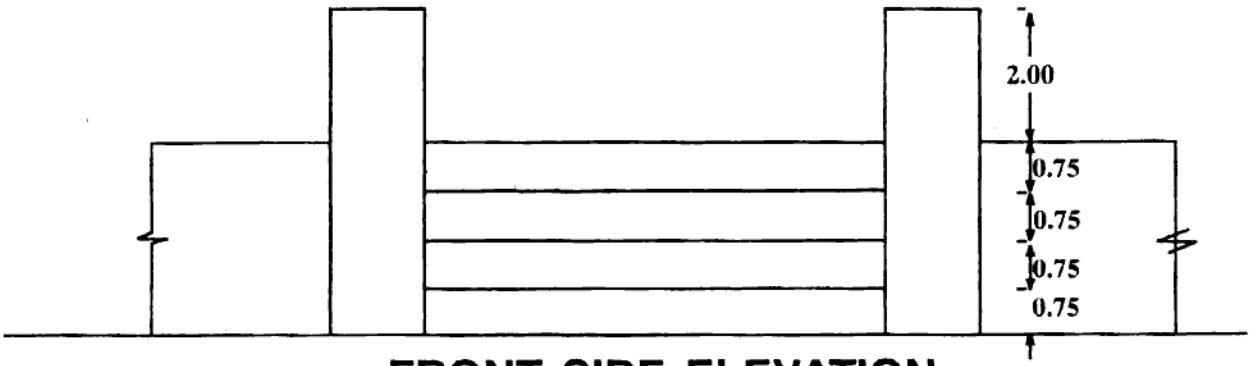
FRONT SIDE ELEVATION



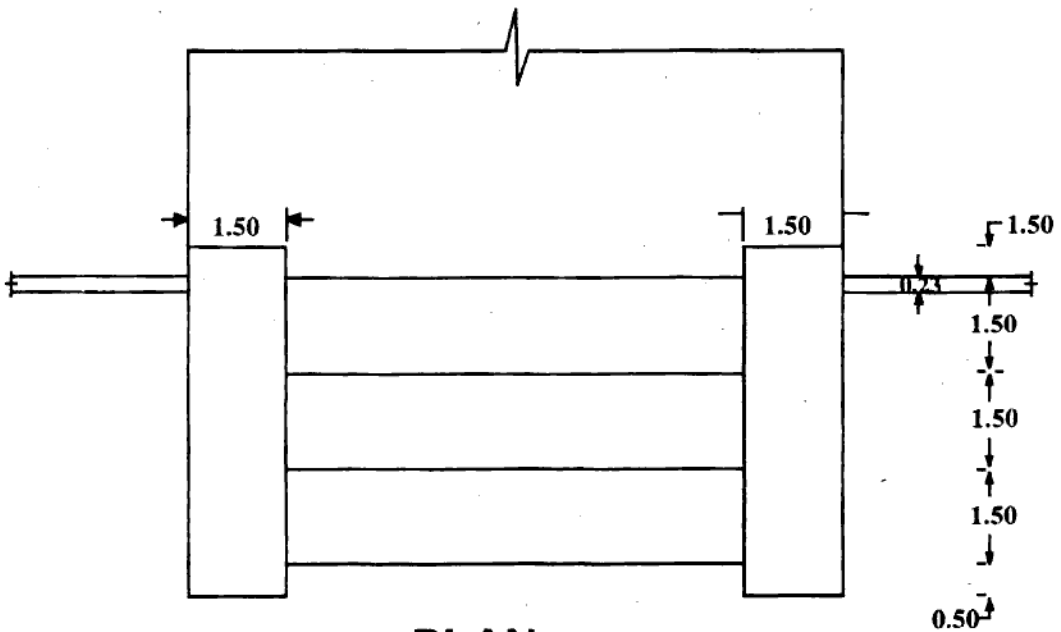
PLAN

ALL DIMENSIONS ARE IN CM.

DIAGRAM 'A'



FRONT SIDE ELEVATION



PLAN

ALL DIMENSIONS ARE IN CM.

DIAGRAM 'B'