Printed Pages: 02 **Sub Code: RAR204**

Paper Id: | 1 | 8 | 1 | 2 | 2 | 4 | **Roll No.** | | | | | | | | | | |

B. Arch

(SEM II) THEORY EXAMINATION 2017-18

ARCHITECTURAL DRAWING-II

Time: 3 Hours **Total Marks: 50**

Note:

- **Read instructions carefully, attempt accordingly.**
- **All sections are compulsory.**
- **Be precise in your answers.**
- **Assume suitable scale**
- **Properly label the drawing**

SECTION – A

Attempt all questions. All questions carry equal marks

1. Explain with neat sketches **(1 X 5 = 5)**

a. Metric drawing.
b. Station point.
c. Worm eye view
d. Bird eye view.
e. Ground line

2. Write short cuts keys of the followings **(1 X 5 = 5)**

a. Array
b. Chamfer
c. Divide
d. Extend
e. Fillet

SECTION – B

3. Attempt any five questions. All questions carry equal marks **(5X 5=25)**

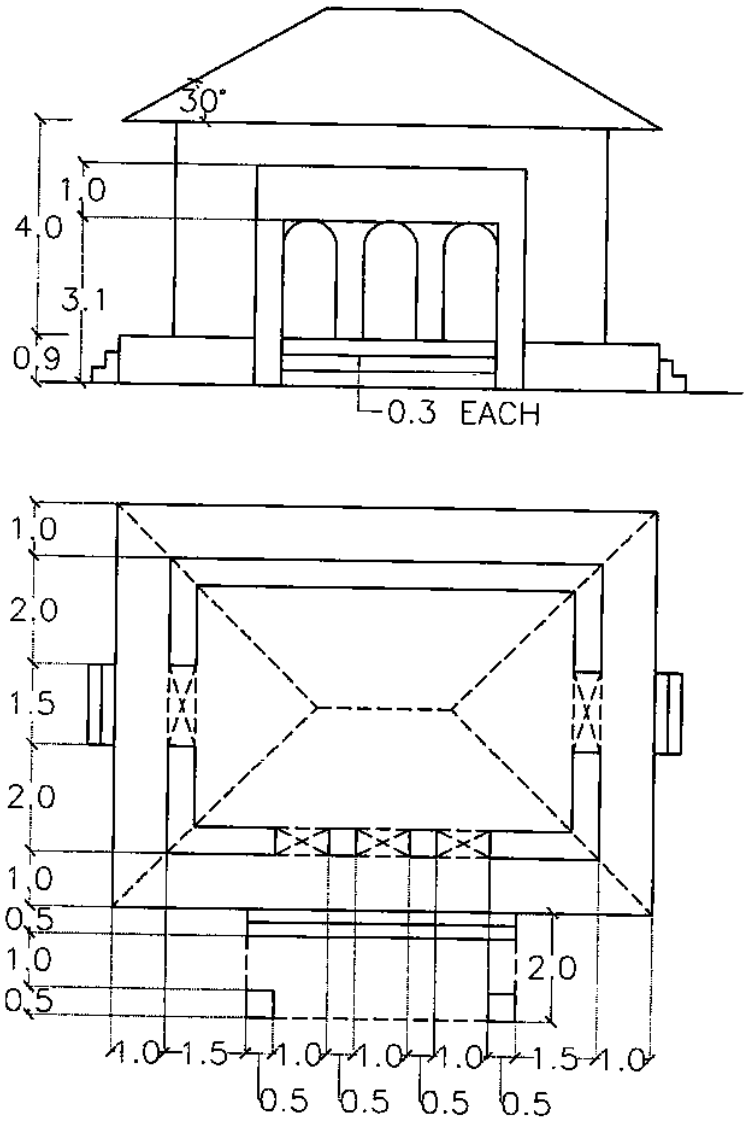
a. Isometric view cylinder of height 10cm and radius 4cm
b. What are the uses and advantages of Isometric.
c. A cylindrical block of base, 60 mm diameter and height 90mm, is standing on the H.P with its axis perpendicular to the H.P. Draw its isometric view.
d. Draw isometric view of a frustum of equilateral triangular prism of base side 8cm. Overall height of prism is 8cm. Prism is frusted to 1/4th of its overall height.
e. What is purpose and use of perspective drawings?
f. Difference between one-point perspective & two-point perspective
g. Draw a one-point perspective of an Almirah. Assume the dimension and design. Explain the steps.
h. What are advantages of Auto Cad?

SECTION – C

4. Attempt any one questions. All questions carry equal marks: **(15x1=15)**

a. Draw the perspective view of a pentagonal prism, lying on the ground plane on the one of its rectangular faces, the axis being inclined at 30 degrees to the picture plane, and a corner of the base touching the picture plane. The station point is 6.5 cm in front of the picture plane, and lies in a central plan which bisects the axis. The horizon is at the level of the top edge of the prism.

b. Draw two-point perspective view of object (A) given in figure



Object (A)