

B.ARCH. SEM – I (CBCS – 2015 COURSE) : WINTER - 2018

SUBJECT: ARCHITECTURAL DRAWING AND GRAPHICS-I

Day: Wednesday
Date: 28/11/2018

W-2018-3442

Time: 10.00 AM TO 01.00 PM
Max. Marks: 60

N.B:

- 1) Answer to the two sections should be written in **SEPARATE** answer books.
 - 2) Solve **ANY THREE** questions from Section-I and **ANY THREE** questions from Section-II.
 - 3) Assume suitable data if necessary.
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SECTION-I

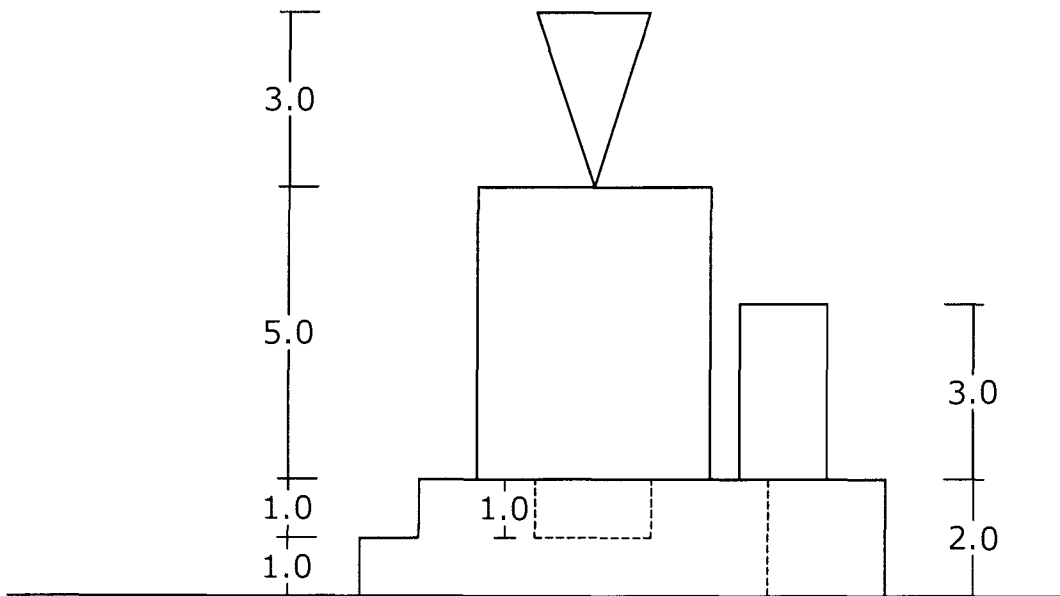
- Q.1** a) Explain term orthographic projection and its application Architectural Drawings. (05)
b) Draw plan and front elevation of given object. (05)
- Q.2** Draw right and left side elevation of given object. (10)
- Q.3** Draw isometric view of the given object from your right side, viewing point shown in object as **O**. (10)
- Q.4** Draw isometric view of the given object from your left side, viewing point shown in object as **Y**. (10)
- Q.5** Draw a isometric view by the composition of following given solids: (10)
- a) Rectangular prism having a **length 8.0cm, breadth 7.0cm** and **height 3.0cm**.
 - b) Square prism having **side 4.0cm** and **height 5.0cm**.
 - c) Square pyramid having **side 2.0cm** and its **axis height 5.0cm**.

SECTION-II

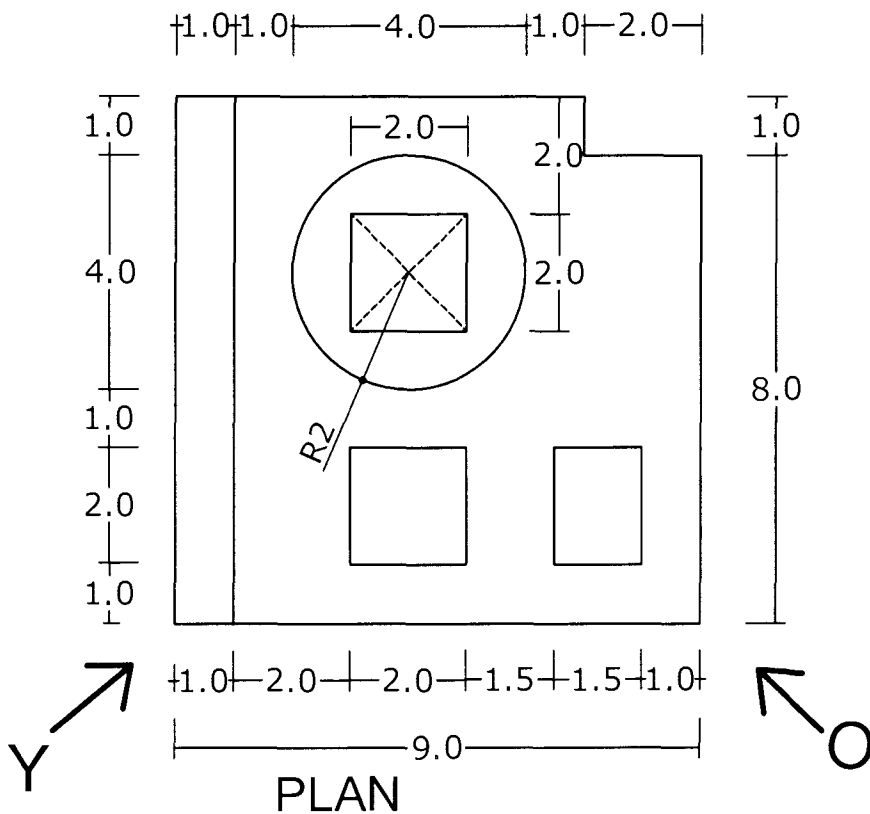
- Q.6** Draw isometric view of:
- a) Cone having a **Diameter of base 5.0cm** and its axis **height 7.5cm**. (05)
 - b) Triangular prism having **all sides** of triangle **4.5cm** and its **height 7.0cm**. (05)
- Q.7** Show the representation and its application of following materials in Architectural drawing. (10)
- | | |
|--------------------------------|-------------------------------|
| i) Plaster | iii) Brick masonry in section |
| ii) Brick masonry in elevation | iv) Glass in elevation |
- Q.8** Sketch the interior view of Living room. (10)
- Q.9** Write application of short dashes line and continuous thin line and also show its applications in object. (10)
- Q.10** a) Draw a hexagon having a **side 3.5cm** by arc method and angle method. (05)
b) Draw a equilateral triangle having a **side 5.0cm** by arc method and angle method. (05)

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OBJECT FOR SECTION -I, Q.1 TO Q.4



FRONT ELEVATION



PLAN

ALL DIMENSIONS ARE IN CM