

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

SUBJECT : ARCHITECTURAL DRAWING & GRAPHICS - I

Day : **Monday**
Date : **30/04/2018**

S-2018-3304

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

N.B.

- 1) Attempt any **THREE** questions from Section – I and any **THREE** questions from Section – II.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Retain all construction line.
- 5) Assume suitable data if necessary.

SECTION – I

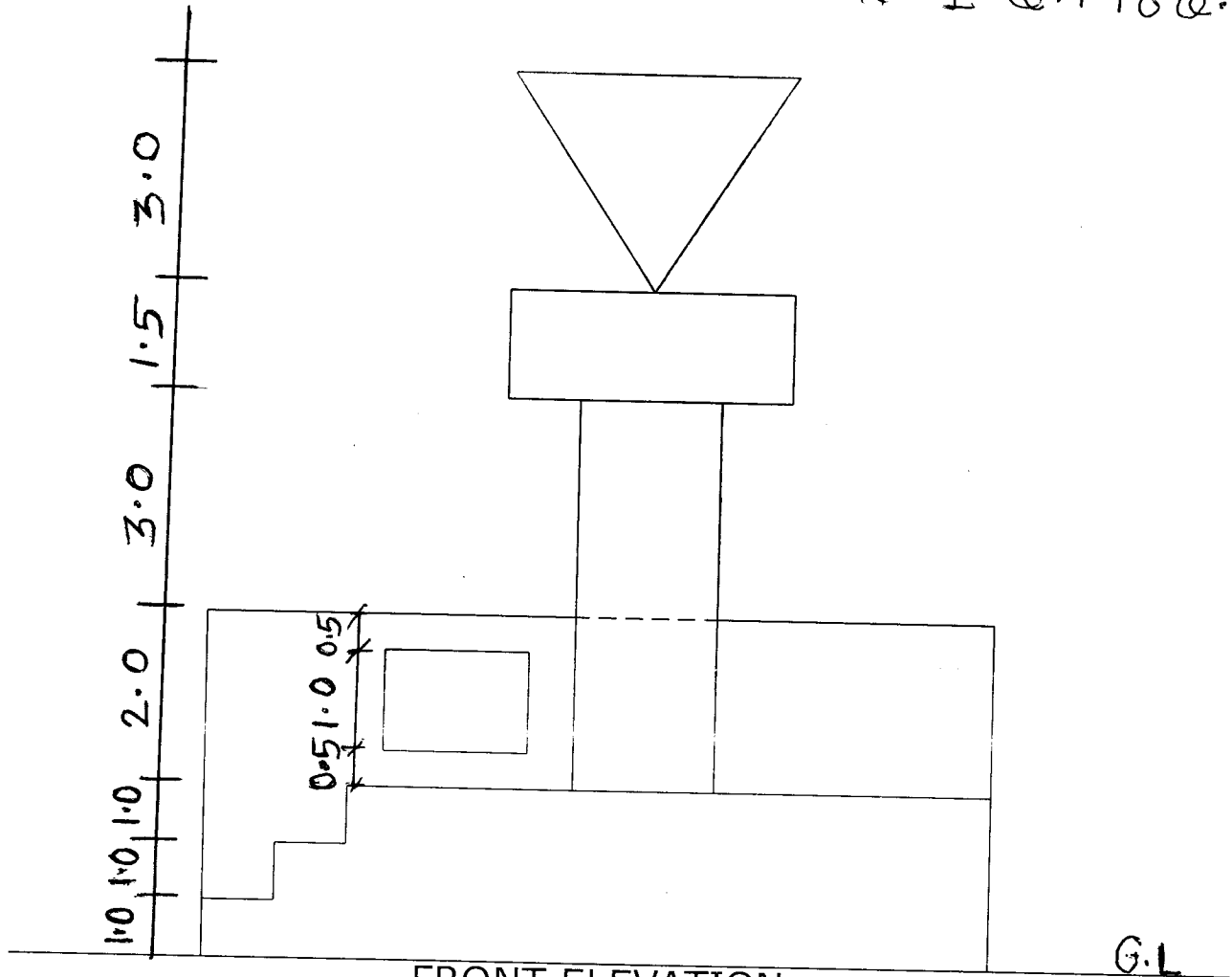
- Q.1** a) Write importance of 3-dimensional presentation in Architectural field. (05)
b) Draw Plan and Front elevation of given objects. (05)
- Q.2** Draw right and left side elevation of given object. (10)
- Q.3** Draw isometric view of given object from right corner viewing point shown in the object as O. (10)
- Q.4** Draw isometric view of given object from your left corner viewing point shown in the object as Y. (10)
- Q.5** Draw Plan, Elevation and Isometric view by the composition of two below mentioned solids. (10)
a) Rectangular prism having a length 6 cm, breadth 5 cm and height 4.0 cm and
b) Square pyramid having a side 3.5 cm and height 5.0 cm.

SECTION – II

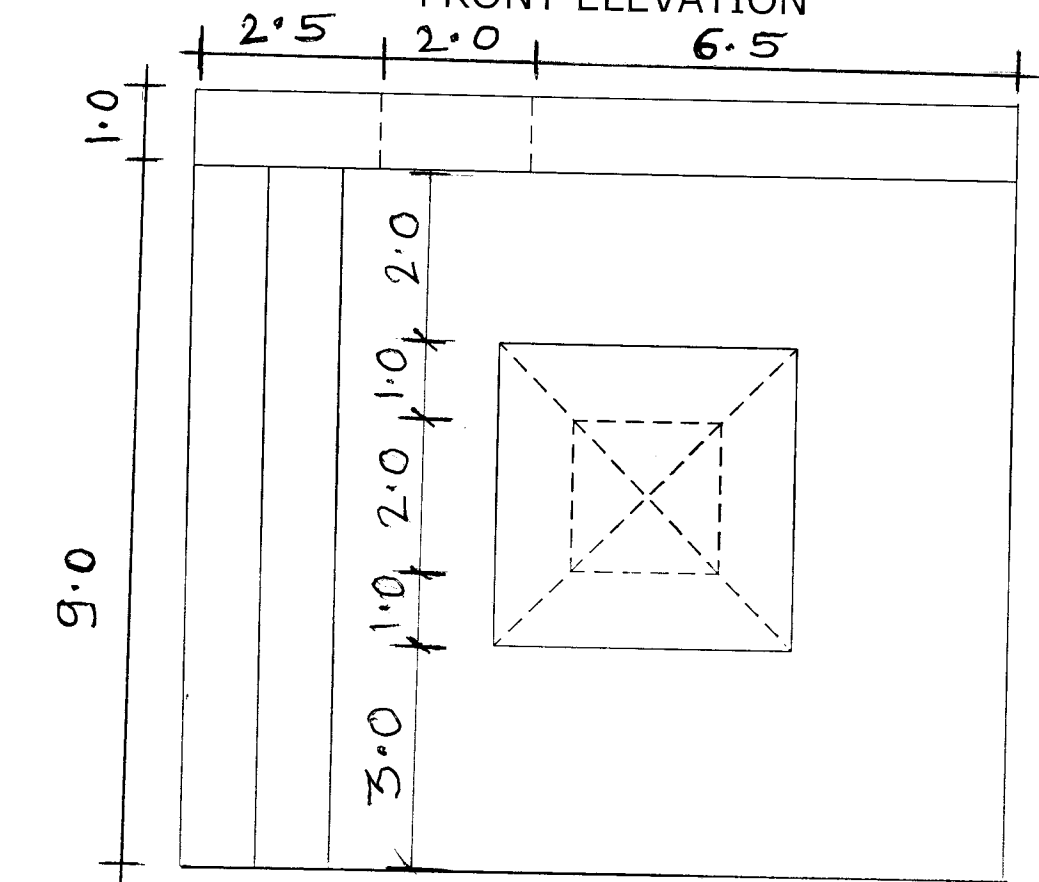
- Q.6** Show the representation of following materials in Architectural Drawing, with its application in Drawing (10)
a) Stone masonry in section. b) Plain cement concrete (P.C.C)
c) Brick masonry in section d) Earth work
e) Tiles
- Q.7** a) Draw isometric view of square pyramid having side 5.0 cm and height 7.0 cm. (10)
b) Draw isometric view of hexagonal prism having a side 3.0 cm and height 7 cm.
- Q.8** Sketch the interior view of Architect's office. (10)
- Q.9** Draw a pentagon having a side 3.0 cm by method geometrical construction. (10)
- Q.10** Write the application of short dashed line and long chain thin line, also show its application in object. (10)

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



FRONT ELEVATION



PLAN

Note - All Dimensions are in CM