

BACHELOR OF ARCHITECTURE (B. ARCH.) (CBCS - 2020 COURSE)

B. Arch. Sem-I : WINTER :- 2021

SUBJECT: ARCHITECTURAL DRAWING & GRAPHICS-I

Day : Tuesday

Date 1/3/2022

W-23098-2021

Time : 10:00 AM-01:00 PM

Max. Marks: 60

N.B.

- 1) Q.1 from Section – I and Q.5 from Section - II is **COMPULSORY**.
- 2) Attempt any **TWO** questions out of Q.2,3,4 from Section – I and attempt any **TWO** questions out of Q.6, 7, 8 from Section – II.
- 3) Figures to the right indicate **FULL** marks.
- 4) Answer to both the sections should be written in **SEPARATE** answer books.
- 5) Retain all construction lines.
- 6) Assume suitable data if necessary.

SECTION – I

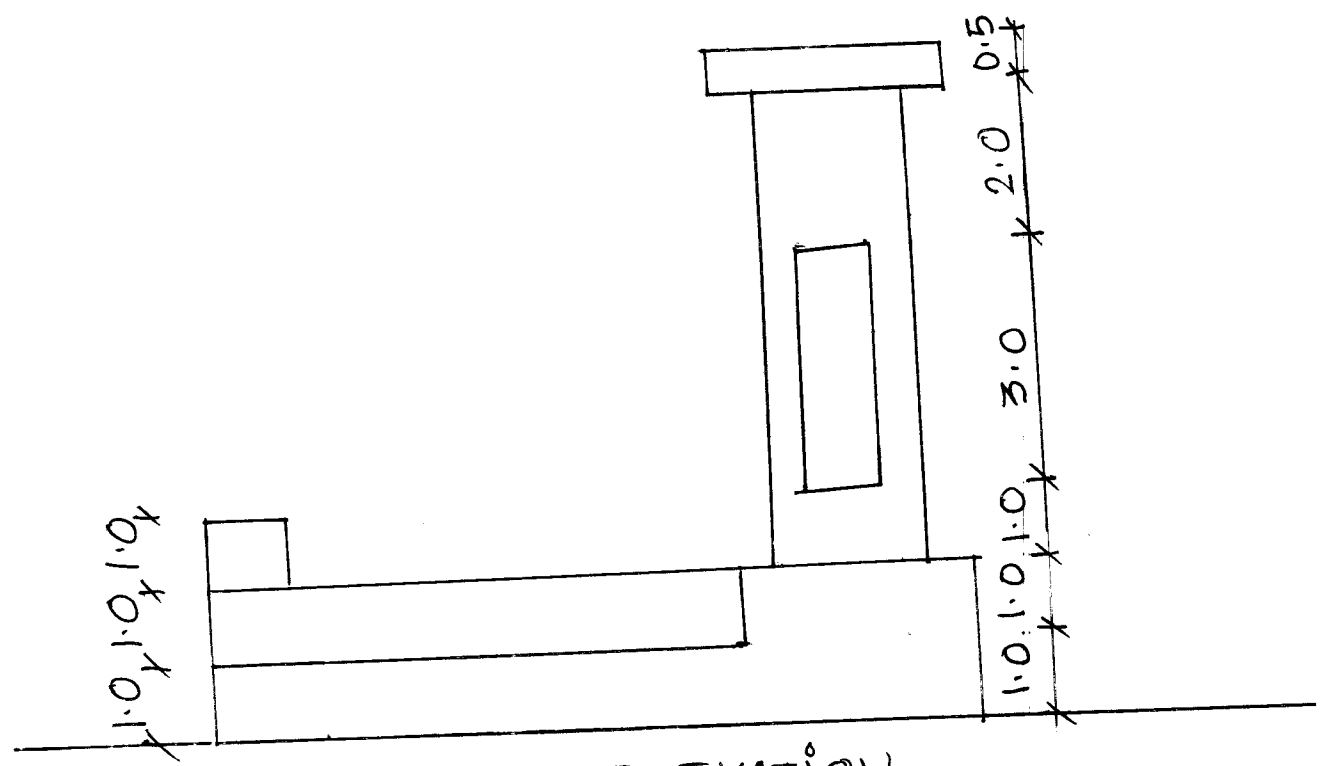
- Q.1** Draw the plan, front elevation and left hand side (LHS) elevation of the object given in Figure. 1 (10)
- Q.2** Write application of long chain thin line and short dash line. Show its application in object. (10)
- Q.3** Draw surface development of pentagonal prism of side 3 cm and height 8 cm. (10)
- Q.4** Draw isometric view of : (10)
- a) Triangular pyramid of side 5cm and height 7cm
 - b) Cone having a diameter of 4 cm and axis height 6 cm

SECTION – II

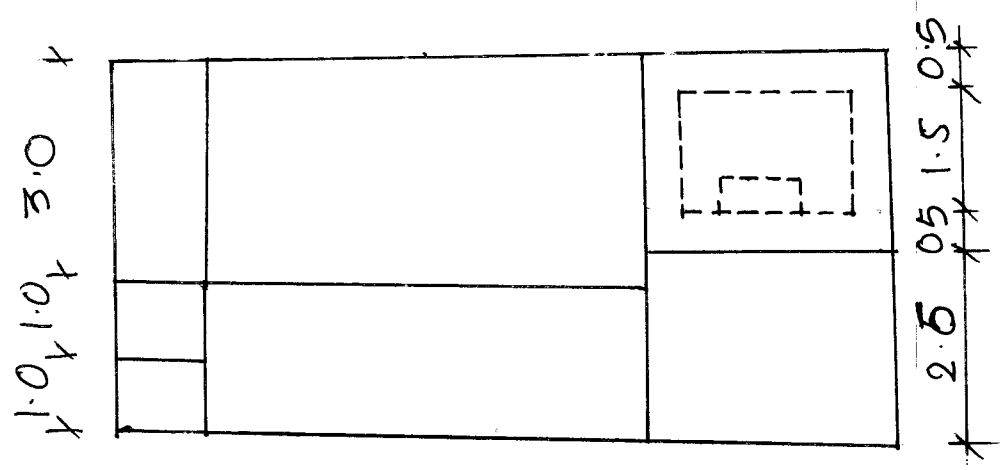
- Q.5** Draw the plan given in Figure 2 to a scale of 1:50. (10)
- Q.6** Sketch interior view of a bedroom. (10)
- Q.7** Show the material representation of the following in Architectural drawing with its application in drawing: (10)
- a) Brick masonry in section
 - b) PCC
 - c) Insulation
 - d) Earthwork
 - e) Stone /Rubble masonry in section
- Q.8** Draw the section AB of the plan given in Figure 2 to a scale of 1:50. (10)

* * *

FIGURE - 1

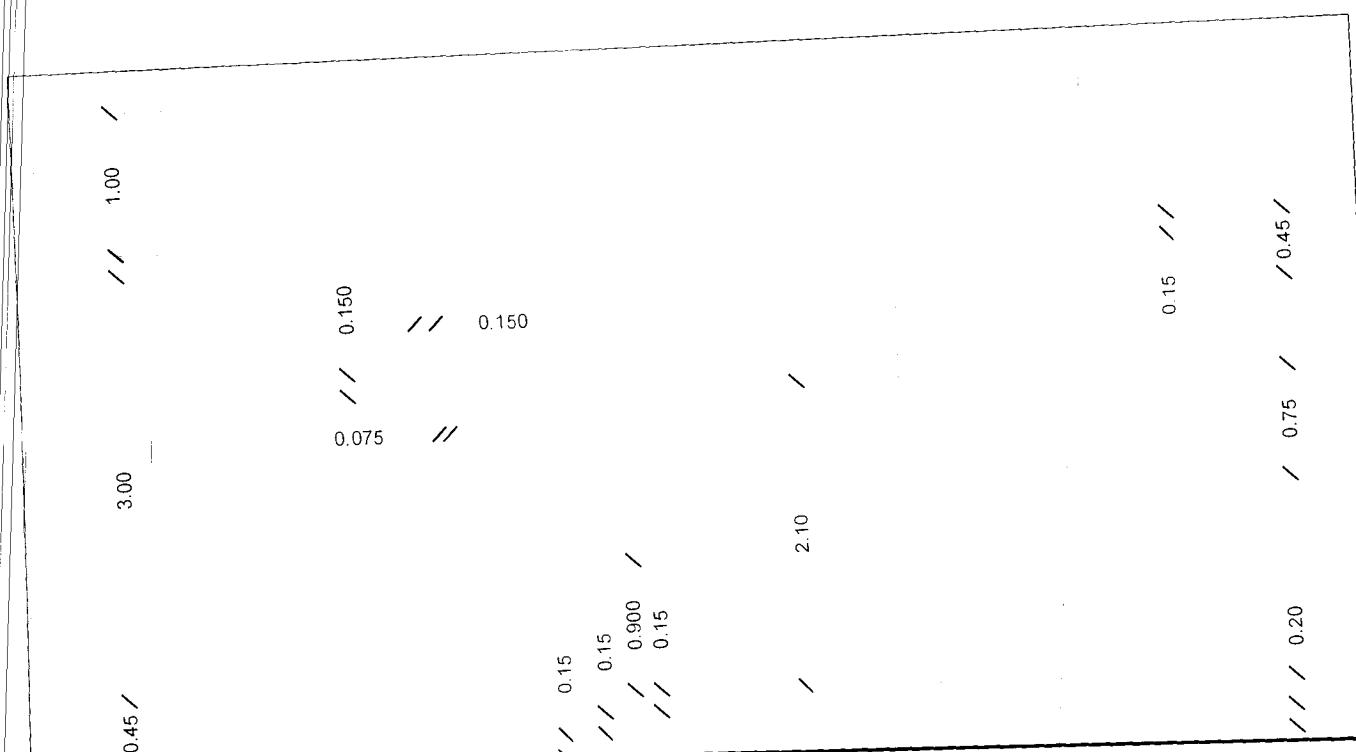


FRONT ELEVATION



PLAN (1.1.)

0A



FRONT ELEVATION

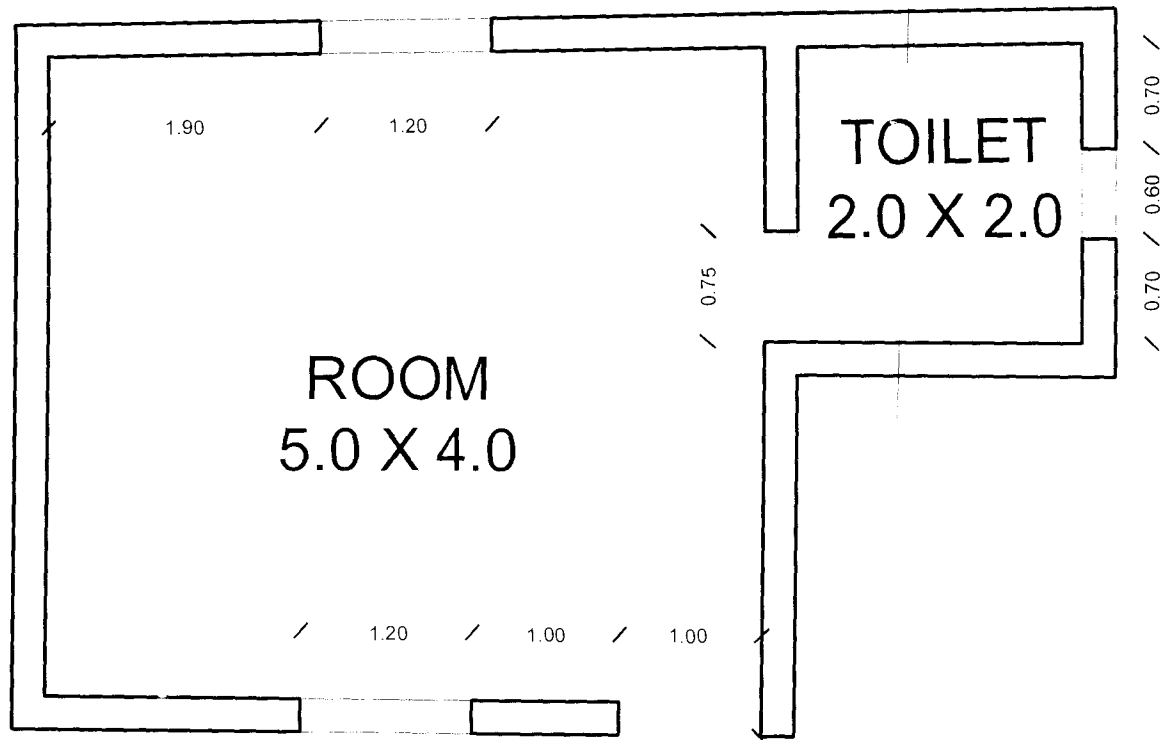


FIGURE-2

ALL DIMENSIONS ARE IN METER.
ALL WALLS ARE 0.23 M THK

PLAN