25mm from the base along the axis. Draw the front view and sectional top View.

Front

Fig. A

3rd Sem. / Arch. (DET-L)

Subject : Basics of Arch. drawing

Time : 3 Hrs.   M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any
10 parts.   (10x4=40)

Q.1 a) What is the importance of dimensioning?

b) What is the roman style of lettering?

c) Draw the convention for third angle projection?

d) Define Isometric projection.

e) Why we use guide lines for lettering?

f) What is scale factor?
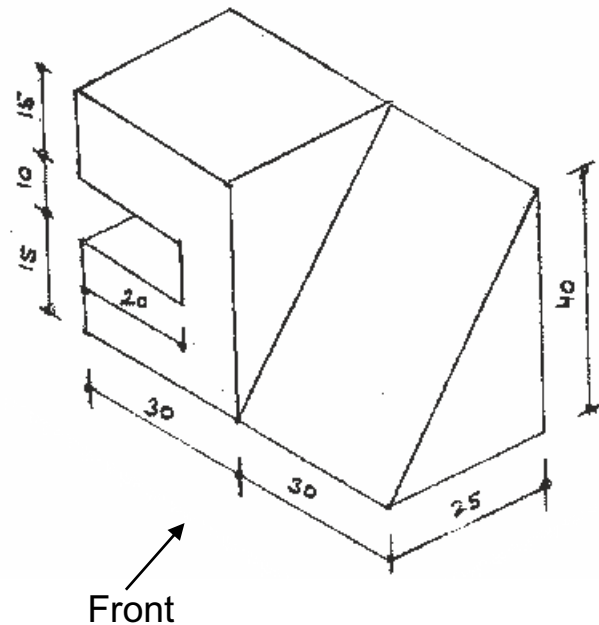
g) What do you mean by composition of letters.

h) What do you mean by double stroke lettering?

i) What are information necessary for scale?

j) What are axonometric views?

k) What is lettering?

l) What is line?

SECTION-B

Note: Attempt any two parts.　　　　2x15=30

Q.2 A line AB 40mm long is inclined at 60° to H.P and its one ride is in H.P and 50 mm in front of V.P. Draw its projection.

Q.3 Construct a simple side to show metres and decimetres when one metre is represented by 2.5 cm and long enough to measure upto 6 metres.

Q.4 Write the following sentence in free hand lettering in a Height of 2.5 cm.

"WORK is WORSHIP"

SECTION-C

Note: Attempt any two questions.　　　　2x15=30

Q.5 Draw the top view, front view and side view of the given figure 'A'.

Q.6 Draw the projection of a square pyramid of a base edges 30mm and axis 54mm, resting on its base on H.P with one of its base edges parallel to V.P and axis perpendicular to the H.P.

Q.7 A square pyramid base edge 25mm and height 45mm is resting on its base on the H.P in such a way that one of its base edges makes an angle of 30° with the V.P. It is cut by a sectional plane parallel to H.P. and passes at a distance of