Q.7 Draw the front view plan and side view of the following object shown in fig "A'
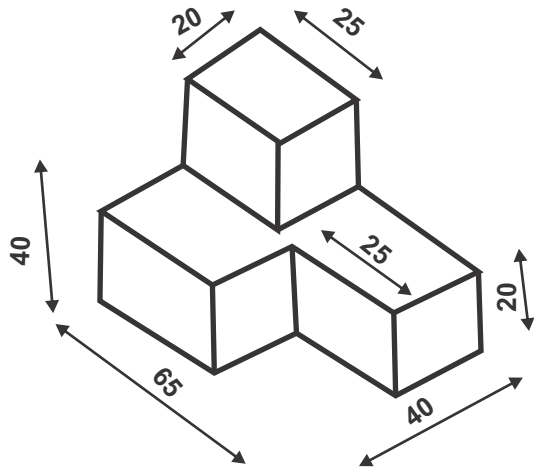
3rd Sem. / Arch. Asstt. (Det.L)

Subject : Basics of Architectural 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 R.F.?

b) What is roman lettering.

c) What do you understand by single stroke and double stroke of a lettering ?

d) Why guide lines are necessary in a lettering ?

e) What is the aim of dimensioning ?

f) What is dimension line and extension line?

g) What are increasing scale ?

h) What is diagonal scale ?

i) What is the difference between regular and irregular polygons ?

j) What do you mean by spacing of views ?

k) What do you mean by isometric projections ?

l) What is a solid ?

SECTION-B

Note: Short answer type questions. Attempt any two parts   2x15=30

Q.2 Construct a plain scale to show meters and decimeters when one meter is represented by 2.5 centimeters and long enough to measure upto 6 meters.

Q.3 Write the following sentences in single stroke vertical letters in 7:4 ratio.

"UNION IN STRENGTH"

Q.4 Draw the plan and elevation of the following objects.
   a) A square prism of base 40mm and Ht 50 mm
   b) A cone of base 50 mm and Ht 60 mm.

SECTION-C

Note: Long answer type questions. Attempt any two questions.   2x15=30

Q.5 Draw the projections of a square prism of bases edges 30mm and axis 50mm, resting on its base on H.P with one of is base edges parallel to V.P and axis perpendicular to H.P.

Q.6 A line AB 50mm Long makes an angle of 45° to the VP. The end A is 15mm from the V.P and 12mm from the H.P. Draw the top view and front view of the line A.B