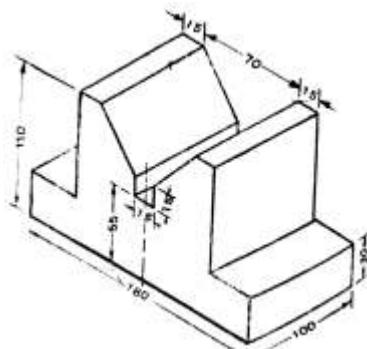


- Q.32 A straight-line AB 50 mm long is in both HP and VP.
Draw its Projections.
- Q.33 Write your name and the name of your institution in free hand single stroke vertical lettering, taking height of letters as 3 mm, 5 mm, 8 mm, 10 mm and 12mm.
- Q.34 Draw the conventional symbols of GLASS, METAL and BRICK.
- Q.35 Define Pyramid and cube.

Section-D

Note: Long answer questions. Attempt any two questions out of three Questions. $(2 \times 10 = 20)$

- Q.36 Draw front view, top view, and side view of the given figure.



- Q.37 Draw a simple scale to show meters and decimeters when 1 meter is represented by 2.5 cm and the scale is long enough to measure up to 6 meters. Find R.F. and indicate on the scale, a distance of 4 meters and 8 decimeters.
- Q.38 Difference between First Angle Projection and Third Angle Projection.

1st Sem. /Architectural Assistantship
Sub : Architectural Drawing-1

Time : 4 Hrs.

M.M. : 100

SECTION-A

Note: Multiple type Questions. All Questions are compulsory. $(10 \times 1 = 10)$

- .Q.1 Full form of FPS is _____.
a) Food, pound, second b) Form, pound, second
c) None of these d)
- Q.2 $10 \text{ m} = \text{_____ cm}$
a) 100 b) 10
c) 1000 d) 10000
- Q.3 1 foot = _____ cm.
a) 30.48 b) 30.58
c) 31.48 d) 31.68
- Q.4 Standard size of B3 drawing board according to ISI is _____
a) 500 mm x 350 mm b) 700 mm x 500 mm
c) 210 mm x 220 mm d) 210mm x 297 mm
- Q.5 The bottom most guide line used to draw in lettering is known as _____.
a) Cap line b) Drop line
c) Base line d) Waist line
- Q.6 Size of trimmed size A0 drawing paper is _____.
a) 841 mm x 1189 mm b) 497mm x 800 mm

- c) 210 mm x 220 mm d) 210 mm x 297 mm
 Q.7 What do you mean by 3D?
 a) 3 diameter b) 3-dimension
 c) 3-point d) 3 drawing
 Q.8 The hidden object is shown by _____ lines.
 a) dotted b) Solid
 c) Long break d) Center
 Q.9 1 inch= _____ cm.
 a) 3.54 b) 2.54
 c) 1.54 d) 4.54
 Q.10 Point of the observer's eye is called _____.
 a) Orthographic projection
 b) Isometric scale
 c) Station point
 d) Pictorial projection

Section-B

Note: Objective/Completion type questions. All questions are compulsory. (10x1=10)

- Q.11 Size of B1 drawing board is _____.
 Q.12 Two style of lettering are _____ and _____.
 Q.13 A Rhombus has _____ sides.
 Q.14 full form of RF is _____.
 Q.15 Two types of Scales are _____ and _____.
 Q.16 Different types of projections are _____ and _____.
 Q.17 T-Square is used to draw _____ lines.
 Q.18 1000 mm= _____ cm.
 Q.19 ISI means _____.
 Q.20 Hard grade pencils are _____, and _____.

Section-C

- Note:** Short answer type Question. Attempt any twelve questions out of fifteen Questions. (12x5=60)
- Q.21 Name any six modern instruments used in architectural drawing.
 Q.22 Define Plain Scale and Diagonal Scale.
 Q.23 Draw Plan and Elevation of Cube having side 40 mm and height 50 mm.
 Q.24 Draw conventional symbol 1st angle projection and 3rd angle projection.
 Q.25 Draw a front view and top view of regular cone having diameter 40mm and height 60 mm.
 Q.26 What is Representative Fraction? Write its formula. Explain it by giving an example?
 Q.27 Define Cap line and Base line.
 Q.28 A square plane ABCD at 50 mm side has a corner on the H.P. And 20 mm is front of the V.P. All the sides of the square are equally inclined to the H.P. and parallel to the V.P. Draw its Projections.
 Q.29 Write the following in single stroke upright capital free hand gothic lettering in height of 12 mm "YOUR THOUGHTS ARE THE ARCHITECTS OF YOUR DESTINY".
 Q.30 Define Projection? Write general rules for Orthographic projection?
 Q.31 Draw the geometrical composition by using different types of 2d geometrical figures.