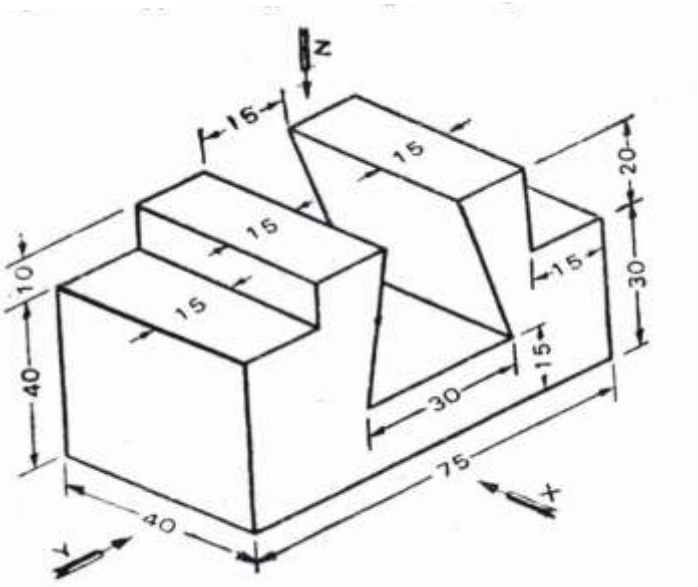**SECTION-D**

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Write a short note on :
a) Drop line   b) Plain Scale
c) Top View

Q.37 Draw the following views from the given figure;
a) Front view, X   b) Top view, Z
c) Side view, Y

Q.38 Draw a diagonal scale to show meters, decimeters and centimeters and long enough to measure upto 6 meter is represented by 2.5 centimeter. Find R.F. and indicate on scale, the following distances:
i) 3.46 meters   b) 4.15 meters

(00)   (4)

1st Sem / Architecture
Subject:- Architectural Drawing - I

Time : 4Hrs.   M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Point of the observer's eye is called_____.
a) orthographic projection
b) isometric scale
c) station point
d) pictorial projection

Q.2 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.3 Size of trimmed size A1 drawing paper is_____
a) 594 mm X 841 mm   b) 497 mm X 800 mm
c) 210 mm X 220 mm   d) 210 mm X 297 mm

Q.4 100 mm = _____ cm
a) 1000   b) 1
c) 10   d) 100

Q.5 Standard size of B1 drawing board according to ISI is_____
a) 1000 mm X 700 mm   b) 700 mm X 500 mm
c) 210 mm X 220 mm   d) 210 mm X 297 mm

Q.6 10 feet = _____ cm.
a) 300.48   b) 308.58
c) 310.48   d) 31.68

(1)

Q.7 What do you mean by 2D?
a) 2-dimension b) 2 diameter
c) 2-point d) 2 drawing

Q.8 The shadow or an image is obtained on a piece of paper is_____.
a) Projection b) Point
c) oblique projection d) side view

Q.9 10 m = _____ mm.
a) 100 b) 10
c) 1000 d) 10000

Q.10 Full form of MKS is_____.
a) meter, kilogram, second
b) millimeter, kilogram, second
c) none of these
d) micrometer, kilometer, second

SECTION-B

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

Q.11 10 centimeters (cm) = _____ mm
Q.12 Hard grades of pencils are_____ and_____.
Q.13 A Pentagon has _____ sides.
Q.14 Size of A1 paper is_____.
Q.15 Full form of RF is_____.
Q.16 24 inches = _____ feet.
Q.17 Two types of scales are _____ and_____.
Q.18 Any three modern drawing instruments are _____, _____ and _____.
Q.19 Define Plain Scale.
Q.20 Circle master is used to draw_____.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Define Waist line and Cap line.
Q.22 Draw a front view and top view of a regular pyramid having height 50 mm and side 30mm.
Q.23 A straight-line AB 80 mm long is in both HP and VP. Draw its Projections.
Q.24 What is Representative Fraction? Explain it.
Q.25 Draw the geometrical composition by using different types of 2d geometrical figures.
Q.26 Draw the conventional symbols of BRICK, METAL and EARTH.
Q.27 Print free hand 12 mm height in capital up right letters the following:-
DIFFERENT MATERIALS SHOULD BE INDICATED BY NOTES ON DRAWING?
Q.28 Draw the plan and elevation of a square prism with side 30 mm and height 55 mm.
Q.29 Draw the three views of cube 40 mm side when it is resting on its base on H.P. with one of its base edges marking an angle of 45° the V.P.
Q.30 Define Cube and Cone.
Q.31 Explain Orthographic Projections?
Q.32 Define front View and Base line.
Q.33 Write any 5 differences between First Angle and Third Angle Projection.
Q.34 Make a grid of 8cm X 8 cm by using HB pencil.
Q.35 What is Diagonal Scale and Reducing Scale?