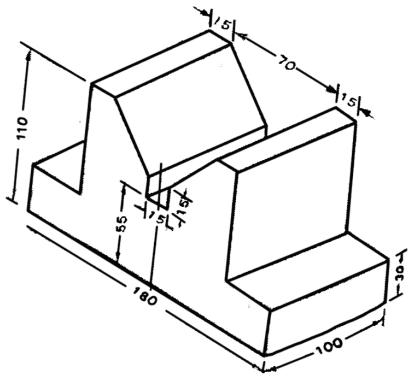
(All dimensions are in mm)



ig.1

Q.37 Draw Isometric View of the given Plan and Elevation by taking suitable scale : (fig.2)

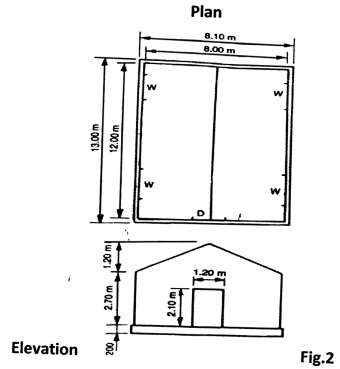


Fig.2

Q.38 Draw Top view through Z, Front view through X and side view through y of the object given below : (fig3) (all dimensions are in mm)

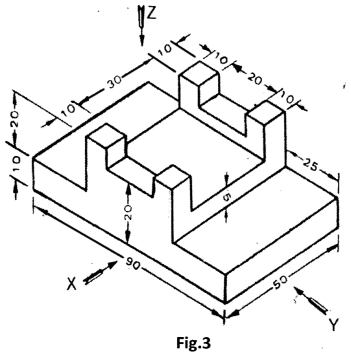


Fig.3

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2nd Sem / Architectural Assistantship
Subject:- ARCH. DRAWING -II

Time : 4Hrs. M.M. : 100

SECTION-A

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

Q.1 1m = _____ mm.
a) 100 b) 10
c) 1000 d) 10000

Q.2 Point of the observer's eye is called_____.
a) orthographic projection
b) isometric scale
c) station point
d) pictorial projection

Q.3 Size of A1 trimmed size paper
a) 594mm x 841mm b) 297mm x 420mm
c) 148mm x 210mm d) 165mm x 240mm

Q.4 A plane figure formed by four or more than four straight lines is called_____.
a) Cone b) Polygon
c) Pyramid d) Sphere

Q.5 1 inch = _____ mm
a) 25.7 b) 25.4
c) 28.4 d) 26.4

Q.6 Projection of an object drawn on the vertical plane is known as_____
a) Front view b) Top view
c) Side view d) Vertical Plane

Q.7 Standard Size of B1 drawing board according to ISI is_____.
a) 1000 mm X 700mm b) 700 mm X 500 mm
c) 210 mm X 220 mm d) 210 mm X 297 mm

Q.8 What do you mean by 3D?
a) 3 diameter b) 3-dimension
c) 3-point d) 3-drawing

Q.9 A Hexagon has _____sides.
a) 7 b) 8
c) 6 d) 9

Q.10 Full form of FPS is_____.
a) Foot, pound, second b) form, pound, second
c) none of these

SECTION-B

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

Q.11 Symbol of Third Angle Projection_____.

Q.12 Size of A3 trimmed size paper_____.

Q.13 1 foot = _____inches.

Q.14 The outer surface which is required for making an object, keeping in view some allowances for joints is called _____.

Q.15 Two types of Projections are_____and _____.

Q.16 Soft grade pencils are____, _____and_____.

Q.17 Proportion by means of which the true distances are reduced to isometric distance is called_____.

Q.18 Two modern instruments are_____and_____.

Q.19 Size of B2 drawing board is_____.

Q.20 Different types of projections are_____and _____.

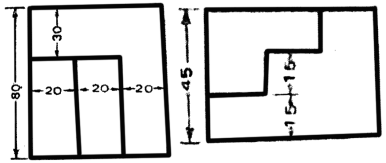
SECTION-C

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

Q.21 Draw a development of a cube having side 50mm.

Q.22 What is Orthographic Projection? Explain First Angle Projection.

Q.23 Draw Axonometric view of the given object : fig.a



ig.a

Q.24 Draw Sectional Plan and Sectional Elevation of a prism having length 35mm, width 25mm, and height 40 mm.

Q.25 Draw Isometric view of a circle having diameter 50mm.

Q.26 Write short note on :
a) Picture Plane b) Top view

Q.27 Draw the development of a square Pyramid having side 30 mm and height 55mm.

Q.28 Define :
a) Vertical Plane b) Elevation

Q.29 Draw Conventional symbol of :
a) Earth b) brick

Q.30 Draw Isometric View of the given Plan and Elevation by taking suitable scale: fig. b

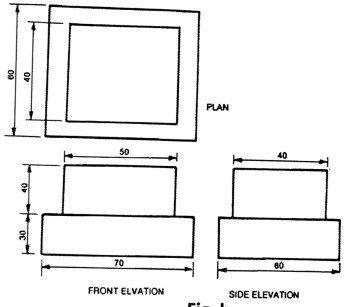


Fig. b

Q.31 What is Development of surfaces? Name its various methods?

Q.32 Define :
a) Isometric scale b) Isometric apex

Q.33 A point P, is 30 mm below H.P. and lies in the third quadrant. Its shortest distance from xy is 40 mm. draw its projections.

Q.34 Define :
a) Projection b) Station point

Q.35 Draw the development of a cone having diameter 30 mm and height 45 mm.

SECTION-D

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

Q.36 Draw Sectional Plan and Sectional Elevation of the given object: (Fig.1)