

Q.34 Draw the isometric view of a concentric circle having inner diameter 30mm and outer diameter 50mm.

Q.35 Define:

- a) Apex
- b) Geometrical shapes

#### 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: (Fig1)

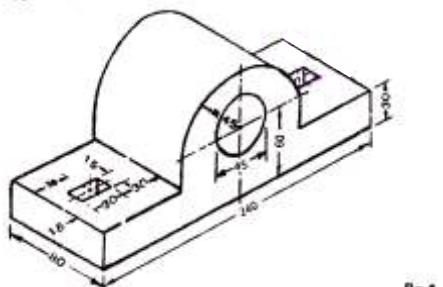
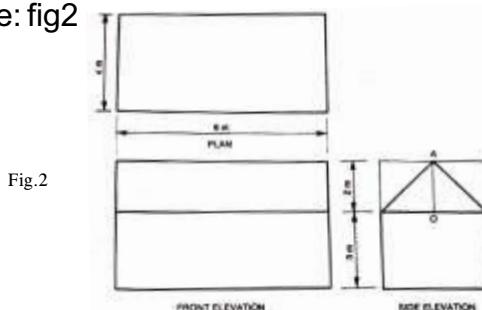


Fig.1

Q.37 Draw isometric view of the given Plan and Elevation by taking suitable scale: fig2



Q.38 Draw top view through Z, front view through X and side view through Y of the object given below: (fig 3)

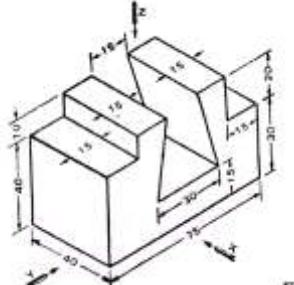


Fig.3

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#### 2nd Sem./ Architectural Subject : Arch. Drawing-II

Time : 4 Hrs.

M.M. : 100

#### SECTION-A

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

Q.1 Which method of development is employed in case of cones?

- a) Parallel-line development
- b) Approximation method
- c) Triangulation development
- d) Radial-line development

Q.2 10mm = \_\_\_\_\_ cm.

- a) 2
- b) 1
- c) 10
- d) 100

Q.3 1 foot = \_\_\_\_\_ cm.

- a) 30.48
- b) 30.58
- c) 31.48
- d) 31.68

Q.4 T-square is used to draw \_\_\_\_\_ lines.

- a) Vertical
- b) Horizontal
- c) Diagonal
- d) Grid

Q.5 Hard grade pencils are

- a) B, 2B
- b) HB
- c) H, 2H
- d) All of these

Q.6 Size of A4 trimmed size paper is

- a) 210mm X 297mm
- b) 594mm X 841mm
- c) 148mm X 210mm
- d) 625mm X 880mm

Q.7 Which method of development is employed in case of prisms?

- a) Parallel-line development
- b) Approximation method
- c) Triangulation development
- d) Radial-line development

Q.8 In first angle projection, object is assumed to be situated in the \_\_\_\_\_.

- a) 3rd quadrant
- b) 2nd quadrant

- Q.9    c) 1st quadrant                      d) 4th quadrant  
 Size of B2 drawing board is  
 a) 700mm X 500mm      b) 750mm X 600mm  
 c) 1500mm X 1000mm    d) 200mm X 100mm
- Q.10 Full form of MKS is \_\_\_\_\_  
 a) meter, kilogram, second  
 b) millimeter, kilogram, second  
 c) none of these

### SECTION-B

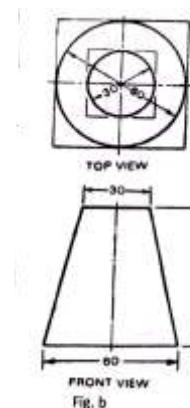
**Note:** Objective Completion type questions. All questions are compulsory. (10x1=10)

- Q.11 Three grades of pencils are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- Q.12 Size of A3 paper is \_\_\_\_\_.
- Q.13 Symbol of First Projection \_\_\_\_\_.
- Q.14 10 decimeters (dm)= \_\_\_\_\_ m.
- Q.15 Symbols of First Angle Projection \_\_\_\_\_.
- Q.16 ISI means \_\_\_\_\_.
- Q.17 The shadow or an image is obtained on a piece of paper is \_\_\_\_\_.
- Q.18 Medium grade pencil is \_\_\_\_\_.
- Q.19 In third angle projection, object is assumed to be situated in the \_\_\_\_\_.
- Q.20 Circle master is used to draw \_\_\_\_\_.

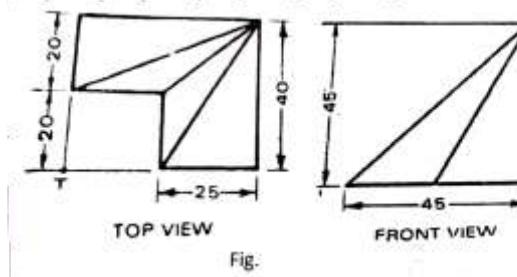
### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.  $12 \times 5 = 60$

- Q.21 Draw the development of a cuboid having length 50mm, width 25mm, height 40mm.
- Q.22 Define:  
 a) Horizontal Plane      b) Elevation
- Q.23 Draw Sectional Plan and Sectional Elevation of a cube having side 50mm.
- Q.24 A cone of 30mm diameter & height 60mm rests centrally on a square block of 50mm edges & 30mm thick. Draw its axonometric view.
- Q.25 Explain first Angle and third angle Projections.
- Q.26 Draw isometric view of the given Plan and Elevation by taking suitable scale: fig b.



- Q.27 A point P is 30mm below H.P. and lies in the third quadrant. Its shortest distance from xy is 40mm. Draw its projections.
- Q.28 Draw the projections of A line AB 50mm long makes an angle 45° to the V.P. and 12mm from the H.P. Draw the top view and front view of the line AB.
- Q.29 Draw isometric view of a hollow cube having outer side 60mm and inner side 30mm.
- Q.30 Write short note on:  
 a) Isometric projection      b) Auxiliary plane
- Q.31 Draw Axonometric view of the given object: fig.



- Q.32 Define:  
 a) Parallel line method      b) Development of surfaces
- Q.33 Draw the development of a cylinder having diameter 40mm and height 55mm.