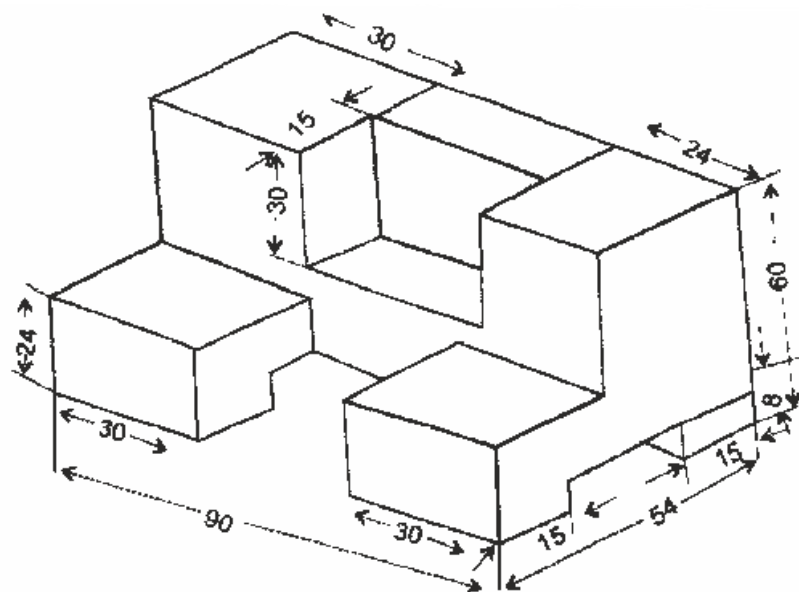


SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Draw any two views out of the top view, front view, and side view of the given object shown in Fig. Below. (CO7), (CO4)



Q.24 Draw any two types of riveted joints. (CO9)

Q.25 Draw a single stroke vertical lettering, the following sentence in the ratio of 7:4 and the height of the letter is 35 mm.

HONESTY IS THE BEST POLICY (CO9)

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Roll No.

1st Year / Advance Diploma in Tool and Die Making

Subject : Engg. Drawing

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Which of the following is true in case of Lettering type A, where d is the thickness of the line and h is the height of capitals? (CO2)

- a) $d = h/12$
- b) $d = h/13$
- c) $d = h/14$
- d) $d = h/10$

Q.2 The advised position of placement of the dimensions should be _____ (CO4)

- a) Inside the view
- b) Outside the view
- c) On the boundaries of the view
- d) Cutting the view

Q.3 A 20mm line, drawn on the drawing sheet represents an actual length of 5m. What is the representative factor? (CO2)

- a) 1:2.5 b) 1:25
c) 25:1 d) 1:250

Q.4 _____ is a curve with two same curves in which one curve is a reverse of the other curve. (CO3)

- a) Ellipse b) Parabola
c) Ogee d) Hyperbola

Q.5 The 2nd quadrant is in which position? (CO4)

- a) Below H.P, behind V.P
b) Above H.P, behind V.P.
c) Above H.P, in-front of V.P
d) Below H.P, in-front of V.P

Q.6 The commands Erase, Copy, Mirror, Trim, Extend, Break etc belongs to which tool bar? (CO10)

- a) Layer tool bar b) Style tool bar
c) Modify tool bar d) Draw tool bar

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Write types of scale. (CO2)
Q.8 Define polygon. (CO3)
Q.9 Define dimensioning. (CO3)
Q.10 Draw symbol of third angle projection. (CO5)

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Q.11 What is detail drawing? (CO8)

Q.12 Describe auto cad. (CO10)

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Sketch flow charts of engineering drawing process of tool room. (CO1)

Q.14 Draw an ellipse whose major axis is 100mm and minor axis is 60 mm. (CO3)

Q.15 Give the comparison of first angle and third angle projections. (CO3)

Q.16 Draw the projections of point 25 mm below H.P. and 40 mm behind V.P. (CO4)

Q.17 A straight line AB 80 mm long is in both H.P and V.P. Draw its projections. (CO4)

Q.18 Show the systems of placing dimensions with the help of drawings. (CO3)

Q.19 Define screw threads. What is necessity of screw threads. (CO6)

Q.20 Write any four information given in a detail drawing. (CO9)

Q.21 Write the use of GRID and ORTHO mode in Auto CAD. (CO10)

Q.22 Write a short note on toolbar in auto cad.

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