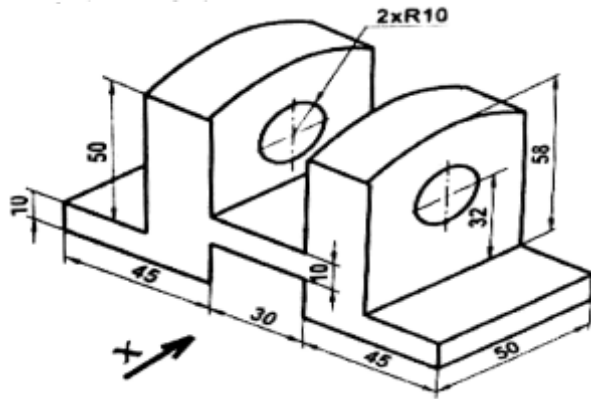


- Q.19 Draw any four geometric tolerance symbols.(CO06)
- Q.20 Define temporary joints and permanent joints with examples. (CO08)
- Q.21 Write any four informations given in an assembly drawing. (CO09)
- Q.22 Define any four editing commands of AutoCAD. (CO10)

#### 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. (CO07)



- Q.24 Draw any two types of welded joints. (CO09)
- Q.25 Draw in single stroke inclined lettering, the following sentence in the ratio of 7:4 and the height of the letter s 35mm. (CO02)

#### INDIAN STANDARD INSTITUTION

(Note: Course outcome/CO is for office use only)

No. of Printed Pages : 4  
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222015

#### 1st Year / Branch : Advance Diploma in Tool and Die Making Subject:- Engineering 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 for single stroke inclined lettering? (CO02)
- Left inclined with slope  $15^\circ$
  - Right inclined with slope  $15^\circ$
  - Right inclined with slope  $75^\circ$
  - Left inclined with slope  $-75^\circ$
- Q.2 In which of the following type of dimensioning, the dimensions are arranged only in a straight line? (CO03)
- Parallel dimension
  - Chain dimension
  - Combined dimension
  - Aligned dimension

Q.3 As far as possible, the dimension should be given to which of the following lines? (CO03)

- a) Outline                      b) Hidden line
- c) Center line                d) Leader line

Q.4 What is the shape with 'n' no. of sides, in which all the sides are equal, called? (CO01)

- a) Rectangle                  b) Circle
- c) Triangle                   d) Regular polygon

Q.5 The 3rd quadrant is in which position? (CO04)

- 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 command which identifies the points on drawing entities that are visible on screen is \_\_\_\_ and this option allows the user to pick-up points very accurately with respect to drawing displayed. (CO10)

- a) OSNAP                      b) TABSURF
- c) SNAP                        d) GRID

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## SECTION-B

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

- Q.7 Describe tool room. (CO01)
- Q.8 Write full form of ISO. (CO06)
- Q.9 Define RF. (CO02)
- Q.10 Draw symbol of first angle projection. (CO05)
- Q.11 Define flatness. (CO08)
- Q.12 Write types of co ordinate system. (CO07)

## SECTION-C

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

- Q.13 Write the name of any four conventional drawing instruments with their use. (CO01)
- Q.14 What are the main factors to be considered for selection of various scales. (CO02)
- Q.15 Construct a pentagon when the length of side is 3cm. (CO03)
- Q.16 Show the difference between chain dimensioning and parallel dimensioning with the help of drawings. (CO04)
- Q.17 Show the relative positions of different views in first angle and third angle projections. (CO05)
- Q.18 A line AB 40mm long is perpendicular to V.P. End point B is in V.P. and 30mm above H.P. Draw its projections. (CO06)

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