Marks: 50

Time: 2 hours

I   Choose the correct answer   (10x1=10)

1   To call the Line tool from the command line, the following abbreviation can be entered
   a lin   b l   c li   d ln

2   The Dynamic Input(DYN) system can be togged on/off by pressing which key of the keyboard
   a F6   b F7   c F12   d F3

3   ----------type of section is limited by a break line
   a Removed section   b Half section   c Broken-out section   d Revolved Section

4   The condition of a part when it contains the least amount of material is referred to as
   a Smallest   b LMC   c MMC   d Actual size

5   A cylinder can be created by drawing a rectangular shape then the -------tool
   a Revolve   b Extrude   c Sweep   d None of the above

Fill in the Blanks

6   In------dimension tool will place the length of an angled line

7   Baseline dimensions are referenced from a common geometric feature known as a--------

8   A fillet is a rounded surface on the ----------corner of a part

9   ------is a thin solid line directing attention to a note or dimension and starting with an arrow head or dot

10   When creating a Cutting Plane line with Auto CAD it is customary to use a----------------

II   Answer any FIVE of the following   (5x2=10)
Write Difference between(1-4)

1   Chamfer and Fillet Command

2   Trim and Erase Command

3   Copy and Move Command

4   Snap and Osnap Command

5   Write the use of Scale Command

6   Write three steps before start the new drawing on Auto Cad

7   Write the use of "Pedit" Command

III   Answer any FIVE of the following.   (5x4=20)

1   Write the procedure for hiding the specific layers when plotting in AUTOCAD

2   Draw the flow chart in drawing the machine parts like pulley in CAD software

3   Explain the differences between plot and batch plot in CAD

4   What is meant by isometric view drawing and explain

5   Explain the different types of lines used for different purpose with neat sketch

6   Write difference between leader and multi leader command

7   Explain the factors to be considered for designing the shaft

IV   Answer any ONE of the following   (1x10=10)

1   Explain in detail about 3D drawings including projections tools with neat sketch

2   Write the steps involved in preparation of production drawing and explain with example

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