Q.23 Explain briefly the use of Overkill command in AutoCAD

Q.24 Explain Array and what are various types of Arrays.

Q.25 Write various steps for setting the Grid.

Q.26 Differentiate between Redraw and Regen Commands.

Q.27 Describe Grips in Autocad.

Q.28 Write various steps for creating Block

Q.29 Differentiate between Import and Export File

Q.30 Explain the function of the Setvar command.

Q.31 Define 3D mesh and write its uses

Q.32 Explain UCS and its various sub-commands

Q.33 Explain the function of Subtract and Union commands.

Q.34 Write any five shortcut keys used in Autocad.

Q.35 Explain Viewports and how many viewports can be active at the same time

SECTION-D

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

Q.36 Mention and explain various Dimension commands in detail.

Q.37 Describe the setting of units for creating a new drawing in detail.

Q.38 Describe any four 3D commands in detail.

6th Sem / Arch. Asstt.
Subject:- Advanced Computer Applications

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1 In AutoCAD 2D Modelling, which axis is not accessible for drafting
   a) X   b) Y
   c) Z   d) WCS

Q.2 A Polyline can be broken into individual lines and arcs using which of the following command.
   a) Break   b) Trim
   c) Overkill   d) Explode

Q.3 An open area can be filled with which of the following gradient:
   a) Gap   b) Tolerance
   c) Transparency   d) Open

Q.4 To bring a particular area of the work space in focus, what command should be used.
   a) Zoom Extents   b) Zoom Dynamic
   c) Zoom All   d) Zoom Window

Q.5 The shortcut to start a table is_____
a) T
b) TA
c) TBL
d) TABLE

Q.6 A line shows its dimension as 15.52. What is the precision of this line.
a) [0.0]
b) [0.000]
c) [0.00]
d) Display of length has nothing to do with precision

Q.7 A Boolean operation that is used to select interfacing region between solids.
a) Union
b) Subtract
c) Intersect
d) None of the above

Q.8 A line 6mm in length inclined at 75 degrees to the x-axis can be represented as.
a) will write 0<75
b) will write 0<15
c) will write 6<15
d) will write 6<75

Q.9 A fillet command is used to produce,
a) Sharp corners
b) Round corners
c) None of the above
d) Both of the above

Q.10 Which coordinate option can be used to reset the orientation of UCS to its default
a) UCS, Named UCS
b) UCS, World
c) UCS Icon, Properties
d) UCS, Previous

SECTION-B

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

Q.11 In AutoCAD all objects are drawn on_____ Plant.

Q.12 All of the axes in the 3D coordinate system meet at _____ angle.

Q.13 The AutoCAD command to constrain points to be only horizontal or vertical is_____

Q.14 The minimum allowable number of layers in a drawing is_____

Q.15 To edit a wireframe model, use_____

Q.16 To view a model from any position in 3D space, use the _____ command.

Q.17 Drawing templates are held in files with the file extension_____

Q.18 The key F8 toggles on/off_____

Q.19 The _____ axis is relevant to 3D modelling.

Q.20 To separate polyline to individual entities _____ command is used

SECTION-C

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

Q.21 Explain relative co-ordinates.

Q.22 Describe Block and how it is helpful in developing Autocad drawing.