

- Q.24 Distinguish between Rectangular array and Polar array with example of each type.
- Q.25 Write various steps for setting the Grid.
- Q.26 Differentiate between Redraw and Regen Commands
- Q.27 Describe ‘O snap settings’ in Autocad.
- Q.28 Write various steps for creating Block
- Q.29 How camera and light enhances presentation of any projects.
- Q.30 Explain Bylayer in brief.
- Q.31 Write any five shortcut keys used in Autocad.
- Q.32 Explain the uses of mirror and rotate commands.
- Q.33 Differentiate between subtract & union commands.
- Q.34 What is the difference between REDO and MREDO command in AutoCAD.
- Q.35 What is the purpose of creating layers in Autocad.

SECTION-D

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

- Q.36 Explain various Zoom tool options in detail.
- Q.37 Mention and explain various commands used for creating 3D view
- Q.38 Describe any four modify commands in detail.

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6th Sem / Arch **Subject:- Advanced Computer Applications**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The axis used to show depth in AutoCAD is the
 a) W axis. b) X axis.
 c) Y axis. d) Z axis.
- Q.2 All of the axes in the 3D coordinate system meet at
 a) 60° angles b) 90° angles
 c) 120° angles d) 135° angles
- Q.3 To view a model from any position in 3D space, use the
 a) VIEW command b) 3DZOOM command
 c) 3DORBIT command d) PAN command
- Q.4 To edit a wireframe model, use
 a) grips
 b) the WIREDIT command
 c) the SPLINDET command
 d) the WEDIT command.

- Q.5** A fillet surface is used to
 a) reshape a bicubic Coons patch with smooth curves.
 b) round the edges of a planar surface
 c) blend two surfaces together
 d) convert facets into smooth curves
- Q.6** All of the following are examples of solid primitives except the
 a) Sphere b) cone
 c) dome d) pyramid
- Q.7** All of the following objects can be extruded except a(n)
 a) arc b) polyline
 c) ellipse d) region
- Q.8** Units command of AutoCAD is not used to set
 a) Limits of drawing
 b) Units for linear measurement
 c) Units for angular measurement
 d) Direction in which angle is to be measured
- Q.9** What should you pay attention to when learning AutoCAD?
 a) The Title Bar b) The Status Bar
 c) Floating toolbars d) The Command Line
- Q.10** The AutoCAD command to constrain points to be only horizontal or vertical is:
 a) Array b) Chamfer
 c) Trim d) Ortho

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11** _____ command is used to magnify the image or shrink it as required by the user.
- Q.12** _____ command is used to increase or decrease the size of the object with a scale factor.
- Q.13** _____ command is used to change the orientation of objects rotating them in the XY plane about a specified base point.
- Q.14** The _____ bar is displayed at the bottom of CAD screen.
- Q.15** The _____ tool is used to create a mirror copy of the selected objects.
- Q.16** _____ dimensioning is used to measure the distance between 2 points.
- Q.17** Line weight describes the _____ of line in drawing. Thickness or thinness
- Q.18** _____ and _____ are 2 types of Arrays.
- Q.19** _____ command is used to draw an object that looks like a filled circle ring.
- Q.20** _____ is the shortcut key to seek help in autocad.

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21** Write nomenclature of the AutoCAD display screen.
- Q.22** What are the basic steps to be followed before setting up a drawing.
- Q.23** Write down the steps to set lights in 3D views.