

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