

- Q.27 Describe Grips in AutoCAD.
 Q.28 Write various steps for creating Block.
 Q.29 How Design center is helpful in developing AutoCAD Drawings.
 Q.30 Differentiate between Spline command and Polyline command.
 Q.31 Write any five shortcut keys used in AutoCAD.
 Q.32 Explain UCS World and what is its importance.
 Q.33 How Subtract and Union commands are helpful in developing 3D AutoCAD commands.
 Q.34 Define array and discuss its types.
 Q.35 What is the use of Overkill command in AutoCAD.

SECTION-D

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

- Q.36 Explain uses of various view ports for 3D objects in detail.
 Q.37 Mention and explain various Dimension commands in detail.
 Q.38 Describe Hatch command in detail.

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6th Sem / Branch : Arch.
Sub. : Advanced Computer Applications

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 The objects should be selected by _____ for stretching any object in AutoCAD.
 a) Picking Method
 b) Select all method
 c) Cross windows selection method
 d) None of the above
 Q.2 Is 330 degrees same as 30 degrees in drawing
 a) True b) False
 Q.3 What does the command Wblock means
 a) Warp-Speed block b) Write block
 c) Window Block d) Wide area block
 Q.4 What is the difference between command Plot and Print
 a) Print command prints only big plans
 b) The plot command for CNC (CAM)
 c) No difference
 d) Print command can print upto A3 size paper

- Q.5 Which of the following workspaces are available in AutoCAD.
 a) 3D modelling
 b) 3D basics
 c) Drafting and Annotation
 d) All of the above
- Q.6 How many Autocad objects are in rectangle
 a) One b) Two
 c) Three d) Four
- Q.7 How many SNAP points does an object have.
 a) 1 b) 4
 c) 5 d) Depend on an object
- Q.8 How long will a line from 0,5 to 5,5 be _____
 a) 10 units b) 5 units
 c) 15 units d) None of the above
- Q.9 The origin of a drawing is at
 a) 0,0 b) 1,0
 c) 0,1 d) 1,1
- Q.10 Scaling objects make them _____.
 a) Smaller
 b) Bigger
 c) Either smaller or bigger
 d) None of the above

SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 CAD allows the user to create both 2 dimensional and _____ models and drawings.

- Q.12 _____ restricts the movement of the crosshairs.
 Q.13 _____ fills a specified boundary with a pattern.
 Q.14 _____ tool allows to view the portion of the drawing that is outside the current display area.
 Q.15 _____ command is used to create a copy (mirror copy) of the selected object.
 Q.16 _____ and _____ are 2 types of Arrays.
 Q.17 _____ command is used to draw an object that looks like a filled circle ring.
 Q.18 _____ command is used to increase or decrease the size of the object with a scale factor.
 Q.19 _____ command is used to magnify the image or shrink it as required by the user.
 Q.20 _____ creates a smooth curve that passes through or near a set of fit points, or that is defined by the vertices in a control frame.

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.
 Q.23 Write the names of the areas of the AutoCAD screen.
 Q.24 What is Array and what are various types of Arrays.
 Q.25 Write various steps for setting the Grid.
 Q.26 Explain uses of 3D wiremesh for 3D views.