

AutoCAD Job Interview Questions And Answers



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AutoCAD Interview Questions And Answers Guide.

Question - 1:

Do you know which one of the following key combinations will toggle coords?

Ans:

Either F6 or CONTROL and D

[View All Answers](#)

Question - 2:

Which one of the following is the maximum number of layers which can be defined in an autocad drawing?

Ans:

A5

[View All Answers](#)

Question - 3:

The effect of the explode command in autocad wen applied to a block is to?

Ans:

Discretize the block or dessemble it

[View All Answers](#)

Question - 4:

When using the SOLVIEW command on a blank PS layout which sub command should be issued first and why?

Ans:

- (a) UCS World because you have to start somewhere.
- (b) UCS World because the world UCS is the only one available.
- (c) Ortho because each view is to 90° to the other.
- (d) Aux because one can line up the view more accurately.

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Question - 5:

When constructing an AutoCAD Solid Model the UCS command is used to

Ans:

- (a) Draw more accurately
- (b) Draw Solid Objects
- (c) Rotate Solid Objects
- (d) Define a new Drawing Plane

[View All Answers](#)

Question - 6:

In a Windoze dialogue box, moving from one field to another is achieved by which of the following key combinations?

Ans:

- (a) Ctrl + [Tab]
- (b) Alt + [Tab]
- (c) Shift + [Tab]
- (d) [Tab]

[View All Answers](#)

**Question - 7:**

Which of the following key combinations does not invoke an I/O command?

Ans:

- (a) Ctrl + P
- (b) Ctrl + F
- (c) Ctrl + S
- (d) Ctrl + O

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Question - 8:

A common command for many Windoze applications is "Page Setup". What in AutoCAD does Page Setup achieve?

Ans:

- (a) Sets the scale at which the drawing is printed.
- (b) Sets the output device, also the size and orientation of the output
- (c) Sets limits and the working units.
- (d) Sets Up the paper size, margins and orientation

[View All Answers](#)

Question - 9:

Why does AutoCAD allow you more than one layout?

Ans:

- (a) Different output devices.
- (b) Different sizes of output.
- (c) Different output orientation .
- (d) All of the above.

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Question - 10:

AutoCAD has had the dreaded Model Space and Paper Space since R12. What is the main advantage of the system?

Ans:

- (a) It confuses students
- (b) It converts 2D drawings to 3D
- (c) It enables the CAD operator to set the scale of the
- (d) It saves space because it requires fewer layers.

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Question - 11:

Which one of the following commands can be used to obtain information about a selected object?

Ans:

- (a) ID
- (b) LIST
- (c) MEASURE
- (d) STATUS

[View All Answers](#)

Question - 12:

Which one of the following is the maximum number of layers which can be defined in an AutoCAD drawing?

Ans:

- (a) 64
- (b) 128
- (c) 256
- (d) UNLIMITED

[View All Answers](#)

Question - 13:

The effect of freezing a layer is to?

Ans:

- (a) make it invisible and prevent regeneration
- (b) make it invisible but allow regeneration
- (c) allow visibility and regeneration
- (d) display the layer but prevent editing of it

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**Question - 14:**

Which of the following shapes CANNOT be drawn by the polygon command?

Ans:

- (a) Square
- (b) Hexagon
- (c) Rectangle
- (d) Equilateral triangle

[View All Answers](#)

Question - 15:

Which one of the following statements is False?

Ans:

- (a) Plines can be filled but not outlined.
- (b) Plines can have either a consistent width or varying widths.
- (c) Plines can be made from lines and arcs.
- (d) Plines can be smoothed.

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Question - 16:

When breaking a circle the break will occur in the

Ans:

- (a) anti clockwise direction
- (b) clockwise direction
- (c) horizontal direction
- (d) shortest direction

[View All Answers](#)

Question - 17:

Which one of the following is the BEST procedure for drawing a line from the point of intersection of a line and a circle?

Ans:

- (a) Select the LINE command and then use object snap with the INS option.
- (b) Select the LINE command and then use object snap with the INT option.
- (c) Set a small SNAP value then select the LINE command and SNAP to the intersection
- (d) Zoom in on the intersection, then select the LINE command and click the LH mouse button for the start point.

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Question - 18:

One effect of setting the value of MIRRTEXT=0 is that?

Ans:

- (a) text is displayed but not mirrored
- (b) text is displayed as a mirror
- (c) text is not displayed
- (d) only text can be mirrored

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Question - 19:

Which one of the following commands can be used to change the value of a system variable?

Ans:

- (a) CHANGE
- (b) DIMVAR
- (c) SELECT
- (d) SETVAR

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Question - 20:

Which of the following system variables controls the accuracy of approximation of a spline curve?

Ans:

- (a) SPLFRAME
- (b) SPLINEFIT
- (c) SPLINESEGS
- (d) SPLMODE

[View All Answers](#)

**Question - 21:**

The system variable SPLINETYPE determines?

Ans:

- (a) whether the 'curve' option of the PEDIT command produces a spline curve or a fit curve
- (b) whether editing functions are performed on the spline curve or on it's controlling frame
- (c) the accuracy of approximation of a spline curve
- (d) whether a spline curve is a quadratic b-spline or cubic b-spline

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Question - 22:

Which one of the following system variables determines the visibility of the control points of a pline spline curve?

Ans:

- (a) SPLFRAME
- (b) SPLMODE
- (c) SPLINESEGS
- (d) SPLINEVIEW

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Question - 23:

Which one of the following allows the value of the system variable PICKBOX to be changed whilst in the ERASE command?

Ans:

- (a) SETVAR pickbox or PICKBOX
- (b) 'SETVAR pickbox or 'PICKBOX
- (c) 'SELECT
- (d) CHANGE

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Question - 24:

If the system variable MIRRTEXT is set to 1, text is

Ans:

- (a) mirrored
- (b) not mirrored
- (c) not reproduced in the mirror image
- (d) mirrored and reversed

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Question - 25:

The SETVAR command is used to?

Ans:

- (a) configure the program settings to suit the various hardware devices
- (b) configure AutoCAD for use with a tablet menu
- (c) create an 'object set' for editing
- (d) change the values of the system variables

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Question - 26:

Which one of the following is a correct statement regarding AutoCAD blocks?

Ans:

- (a) Blocks can only be inserted into a drawing if they already exist in that drawing.
- (b) A block can have no more than ten attributes.
- (c) The insert command looks first within the drawing for blocks and then to the disk.
- (d) Every block has to have at least one attribute.

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Question - 27:

Which one of the following methods should be used to repeat a complex part in a drawing in order to minimise file size?

Ans:

- (a) use the COPY command
- (b) use the MIRROR command
- (c) use the ARRAY command



(d) create a BLOCK then use INSERT

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Question - 28:

The use of blocks allows libraries of standard parts to be developed and saved for latter use. Blocks may be stored

Ans:

- (a) on disk.
- (b) on disk, CDROM and the Internet.
- (c) on disk and CDROM.
- (d) on disk and the Internet.

[View All Answers](#)

Question - 29:

The effect of the EXPLODE command when applied to a block is to?

Ans:

- (a) reduce a block to it's constituent entities to allow editing.
- (b) return a block to it's created scale and rotation.
- (c) allow the editing of a block with different X,Y factors.
- (d) place constituent entities all onto the current layer.

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Question - 30:

What is the significance of using the command WBLOCK?

Ans:

- (a) WBLOCK only works on blocks.
- (b) the block is written to disk and can be used later in other drawings.
- (c) the block is written to the current drawing file only, saving disk space.
- (d) the block can have attributes written to it later.

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Question - 31:

Which one of the following best defines attributes as used in AutoCAD and defined by the command DDATTDEF.

Ans:

- (a) Text entities that can link to a database.
- (b) Special text entities within a block.
- (c) Text entities that use an alternative font.
- (d) Special text entities.

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Question - 32:

Which one of the following system variables disables the prompt which asks for attribute values, and causes attributes to be set to their defaults?

Ans:

- (a) ATTDIA
- (b) ATTDISP
- (c) ATTPROMPT
- (d) ATTREQ

[View All Answers](#)

Question - 33:

The following two commands used one after the other BOUNDARY then pick inside an area ERASE ALL R LAST produces which of these results

Ans:

- (a) Changes layer to the Boundary layer then erases all items on the last layer
- (b) Calculates the area of the boundary and erases all the construction lines
- (c) Draws a polyline that touches the extremes of the area then erases all the recently drawn lines
- (d) Draws a polyline that touches the extremes of the area then erases all but that polylin

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Question - 34:

The "select object" option "Previous" is best described by

Ans:

- (a) Picks the single object drawn by the previous command



- (b) Picks the previous drawn single object
- (c) Picks the previously picked group of objects
- (d) Picks the previous object in a Window or Crossing selection

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Question - 35:

When using the move command to move a single object by a given distance, which is the best of the following methods?

Ans:

- (a) Set osnap to END, pick the object, pick a base point then pick on the end of another object
- (b) Pick the object then key in the relative distance that it is to be moved
- (c) Pick the object then key in the absolute distance that it is to be moved
- (d) Pick the object, key in 'END' key in 'END' again then pick on the end of another object

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Question - 36:

There are at least eleven options to the "select objects" prompt. Which of the following has an incorrect option?

Ans:

- (a) W WP R
- (b) C CP F
- (c) L ALL E
- (d) P SI A

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Question - 37:

The shape above is based on a 10 unit module. which is the correct set of codes to draw this shape, starting at the lower left and moving anti clock wise

Ans:

- (a) 0,0 10,0 @10<45 10,10 0,20 0,30 c
- (b) 0,0 10,0 @10,10 10,10 @0,20 0,30 c
- (c) 0,0 @10<0 20,10 10,10 10,30 30,0 c
- (d) 0,0 @10,0 @10,10 10,10 0,20 0,30 c

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Question - 38:

Which one of the following would draw a vertical line 30 units in length from a previously defined point given as 30,50?

Ans:

- (a) 60,50
- (b) 30,80
- (c) @30,0
- (d) @30<0

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Question - 39:

you are designing a floor plan and know the length and angle of one of the wall segments to be 1500mm and 30 degrees. This is to be followed by a wall 2000mm long at 90 degrees to the first. Which one of the following is the correct input?

Ans:

Which one of the following is the correct input?

- (a) @1500,30 @2000<120
- (b) 1500<30 @2000<90
- (c) @1500<30 @2000<90
- (d) @1500<30 @2000<120

[View All Answers](#)

Question - 40:

Which one of the following is an AutoCAD relative polar co-ordinate

Ans:

- (b) @81,30
- (c) 30<81
- (d) @81<30

[View All Answers](#)

**Question - 41:**

To continue drawing a line from the last known point, enter

Ans:

- (a) 0,0
- (b) @
- (c) Next
- (d) a or b

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Question - 42:

When drawing a digital watch measuring 30mm x 25mm, which one of the following would be the BEST set of drawing limits to use?

Ans:

- (a) 0,0/40,35
- (b) 0,0/30,25
- (c) 0,0/100,100
- (d) 0,0/297,210

[View All Answers](#)

Question - 43:

Which one of the following is an AutoCAD absolute point co-ordinate?

Ans:

- (a) @361,270
- (b) 60<90
- (c) 361,270
- (d) None of the above

[View All Answers](#)

Question - 44:

The position of a mouse on a surface is NOT directly related to the position of the screen cursor. This makes the mouse unsuitable for

Ans:

- (a) Selecting two points on the screen for a line draw operation.
- (b) Tracing an existing drawing.
- (c) Selecting menu items on the screen.
- (d) Sketching.

[View All Answers](#)

Question - 45:

Absolute co ordinates are measured from the

Ans:

- (a) current UCS origin.
- (b) last point entered.
- (c) lower left hand corner as set by LIMITS command.

[View All Answers](#)

Question - 46:

Which one of the following best describes a "user co-ordinate System"?

Ans:

- (a) The pair of co-ordinate points which define the lower left and upper right corners of the drawing boundary
- (b) A series of co-ordinate points stored as variables for later use in the drawing
- (c) A co-ordinate system whose origin is located anywhere in three dimensional space
- (d) The master datum from which all measurements are taken.

[View All Answers](#)

Question - 47:

When designing an integrated circuit measuring 5mm x 5mm the measurements should be entered using a scale of

Ans:

- (a) 1:1
- (b) 1:2
- (c) 1:10
- (d) 1:5

[View All Answers](#)

**Question - 48:**

Which one of the following key combinations will toggle COORDS?

Ans:

- (a) Either F7 or CONTROL and G
- (b) Either F6 or CONTROL and D
- (c) Either F9 or CONTROL and B
- (d) Either F8 or CONTROL and O

[View All Answers](#)

Question - 49:

Which one of the following key combinations will toggle SNAP?

Ans:

- (a) Either F7 or CONTROL and G
- (b) Either F6 or CONTROL and D
- (c) Either F9 or CONTROL and B
- (d) Either F8 or CONTROL and O

[View All Answers](#)

Question - 50:

Which of the following statements is true?

Ans:

- (a) Backup copies of drawing files are saved in the "Support" folder.
- (b) Backup copies of drawing files are saved in a folder set by the user.
- (c) When a drawing is initially saved a backup copy is made with a .BAK extension. This can be renamed as a .DWG at a later date.
- (d) When a drawing is saved for the second time a backup copy is made with a .BAK extension. This can be renamed as a .DWG at a later date.

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Question - 51:

Which of the following key combinations issues the ISOPLANE command?

Ans:

- (a) CONTROL and T or F4
- (b) CONTROL and E or F5
- (c) CONTROL and D or F6
- (d) CONTROL and I or F7

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Question - 52:

The shortcuts or command alias that allows us to key in L and AutoCAD responds with LINE are stored in a file named

Ans:

- (a) SHORT-CUT.TXT
- (b) ACAD.COM
- (c) ACAD.PGP
- (d) ACAD.EXE

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Question - 53:

Which one of the following key combinations is a standard window short cut that does not relate to the clipboard.

Ans:

- (a) Ctrl + S
- (b) Ctrl + X
- (c) Ctrl + V
- (d) Ctrl + C

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Question - 54:

The line types definitions are stored on the system with an extension of?

Ans:

- (a) .LTT
- (b) .LSP
- (c) .LIN
- (d) .LAT

[View All Answers](#)

**Question - 55:**

Which one of the following could be an AutoCad drawing file?

Ans:

- (a) DWG.PLAN
- (b) PLAN.DWG
- (c) DRAW.FLE
- (d) FILE.TXT

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Question - 56:

Which one of the following is the AutoCAD filename extension used to indicate a compiled text font?

Ans:

- (a) HDX
- (b) SHP
- (c) SHX
- (d) TXT

[View All Answers](#)

Question - 57:

The special character string that is used to print the diameter sign is

Ans:

- (a) %%c
- (b) %%d
- (c) %dia
- (d) c%%

[View All Answers](#)

Question - 58:

When is a space NOT interpreted as the enter key?

Ans:

- (a) When entering text.
- (b) When using the PEDIT command.
- (c) When selecting objects.
- (d) The space is always an alternative to the enter key.

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Question - 59:

Which of the following commands will NOT place some form of text within the drawing

Ans:

- (a) MTEXT
- (b) DTEXT
- (c) STYLE
- (d) ATTDEF

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Question - 60:

The text option that prompts the user for two endpoints and then automatically calculates the text height and positions the text between the two points is chosen from this AutoCAD prompt
Align/Fit/Center/Middle/Right/TL/TC/TR/ML/MC/MR/BL/BC/BR
Which one is correct?

Ans:

- (a) Center
- (b) Align
- (c) TR
- (d) Fit

[View All Answers](#)

Question - 61:

The effect of QTEXT being ON is to?

Ans:

- (a) place text directly in the drawing as defined
- (b) speed up drawing regeneration by replacing text with rectangles
- (c) use simplified text font to replace complex text font
- (d) allow automatic line spacing of textual input

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**Question - 62:**

Which of the following is an AutoCAD font for mathematical symbols?

Ans:

- (a) MATHC
- (b) MATHFONT
- (c) MATHSYM
- (d) SYMATH

[View All Answers](#)

Question - 63:

The special character string that causes text to be underlined is

Ans:

- (a) u%%
- (b) %%u
- (c) %u%
- (d) %u

[View All Answers](#)

Question - 64:

What option would be selected following the TEXT command to select a different type of text to that currently in use?

Ans:

- (b) FONT
- (c) SET
- (d) STYLE

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Question - 65:

A house measures 15000 mm x 8000 mm in plan view. When drawing the plan view only which one of the following sets of limits would be BEST to use?

Ans:

- (a) 0,0/20000,15000
- (b) 0,0/20,15 metres
- (c) -2000,-2000/20000,15000
- (d) -2000,-2000/15000,8000

[View All Answers](#)

Question - 66:

How many entity colours does AutoCAD support?

Ans:

- (a) 255
- (b) 16
- (c) unlimited
- (d) 64

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Question - 67:

When using AutoCAD for the design of a mechanical component measuring 1000 mm by 500 mm, the dimensions would normally be entered at a scale of?

Ans:

- (a) 1:1
- (b) 1:2
- (c) 1:5
- (d) 1:10

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Question - 68:

In order for the grid command to work correctly two settings have to be established.

Ans:

- (a) The correct limits set and an appropriate setting of the grid value set
- (b) Limits set to ON and an appropriate setting of the grid value set
- (c) Snap and Osnap set
- (d) Gridmode and osmode both set to 1

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Question - 69:



Which one of the following BEST defines a "prototype" or "template" drawing?

Ans:

- (a) the drawing which is currently being edited by AutoCAD
- (b) a drawing used to store a library of standard symbols
- (c) a means of setting the initial drawing environment for new drawings
- (d) a file which holds details of the display, digitiser, and plotters that AutoCAD is currently configured for

[View All Answers](#)

Question - 70:

When producing a drawing of a site plan measuring 300m x 275m dimensions should be entered to a scale of?

Ans:

- (a) 1:1
- (b) 1:10
- (c) 1:100
- (d) 1:1000

[View All Answers](#)

Question - 71:

Which one of the following commands can be used to turn the grid through 45 degrees ?

Ans:

- (a) AXIS
- (b) GRID
- (c) ROTATE
- (d) UCS

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Question - 72:

Which one of the following commands would be used to limit the movement of the cursor to specified increments?

Ans:

- (a) AXIS
- (b) GRID
- (c) ORTHO
- (d) SNAP

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Question - 73:

The MAXIMUM number of commands whose effect can be undone by the UNDO command is?

Ans:

- (a) 256
- (b) 1000
- (c) all the command issued since the drawing was first created
- (d) all commands issued since the drawing was last loaded into the drawing editor

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Question - 74:

Which one of the following commands CANNOT be undone?

Ans:

- (a) XREF
- (b) SETVAR
- (c) SAVE
- (d) LIST

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Question - 75:

Which one of the following commands allows simultaneous pan and zoom?

Ans:

- (a) ZOOM DYNAMIC
- (b) ZOOM EXTENTS
- (c) ZOOM CENTER
- (d) ZOOM PAN

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Question - 76:



Which one of the following commands forces AutoCAD to revise the entire drawing taking into account the effect of changes within the system?

Ans:

- (a) CHANGE
- (b) REDO
- (c) REDRAW
- (d) REGEN

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Question - 77:

Which one of the following options of the UNDO command allows the undo facility to be disabled?

Ans:

- (a) AUTO
- (b) CONTROL
- (c) END
- (d) GROUP

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Question - 78:

The command to scale a paper space viewport to half the drawn size is?

Ans:

- (a) Zoom 0.5x
- (b) Zoom 1/2x
- (c) Zoom 2xp
- (d) zoom 0.5xp

[View All Answers](#)

Question - 79:

Which of the following statements is true for AutoCad?

Ans:

- (a) ZOOM ALL will reach beyond the drawing limits if an object is there.
- (b) ZOOM ALL only reaches out to the drawing limits.
- (c) There is not real difference between ZOOM ALL and ZOOM E.
- (d) ZOOM ALL makes all objects visible irrespective of the layer visibility state.

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Question - 80:

To reverse the UNDO command the correct entry is?

Ans:

- (a) REDO
- (b) REDRAW
- (c) Esc
- (d) U

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