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Question 1

Question Type: MultipleChoice

You are setting up a drawing layout.

You need to rotate the viewport viewing angle by 90 degrees without rotating the viewport.

What should you do next?

Options:

- A- Select the viewport that you want to rotate, and then use the Rotate command.
- B- Activate the viewport that you want to rotate. Start the Dview command and use the Twist option.
- C- Select the viewport that you want to rotate, and then use the UCS command with the Z Axis option.
- D- Activate the viewport that you want to. Start the Dview command and use the Camera option.

Answer:

B

Explanation:

you need to activate the viewport that you want to rotate and start the Dview command with the Twist option. This will allow you to rotate the view within a viewport without rotating the viewport itself.

<https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD-Core/files/GUID-D077CEA3-6EC1-4677-BD4B-372D7364D545-htm.html>

Question 2

Question Type: MultipleChoice

Exhibit.

Sediment Trap					
Elevation (feet)	Area (sq. ft.)	$A1+A2+\sqrt{A1 \times A2}$ (sq. ft.)	Volume (cu. ft.)	Volume Sum (cu. ft.)	Volume Sum (cu. yd.)
259.000000	2160.000000	0.000000	0.000000	0.000000	0.000000
260.000000	2482.000000	6957	2319	2319	86
261.000000	2812.000000	7936	2645	4964	184
262.000000	3496.000000	9443	3148	8112	300
263.000000	4212.000000	11545	3848	11961	443

A CAD designer inserts a table linked to data from an Excel spreadsheet using the Data Links feature. The cell setting "Keep Data Formats and Formulas" was enabled when inserting the table shown in the exhibit

Although all numerical values were rounded to the nearest whole number in Excel, only some retained that rounding upon inserting the table into AutoCAD

What should the CAD designer do to make sure the numerical formatting of the table in AutoCAD permanently matches the source data in Excel?

Options:

- A- In Excel set the format of all numerical cells to Number with 0 decimal places
- B- in AutoCAD, update the Field precision value of numerical cells to 0
- C- in AutoCAD, set the Data Format of all numerical cells to Whole Number
- D- In Excel, within advanced document properties set data format to embedded

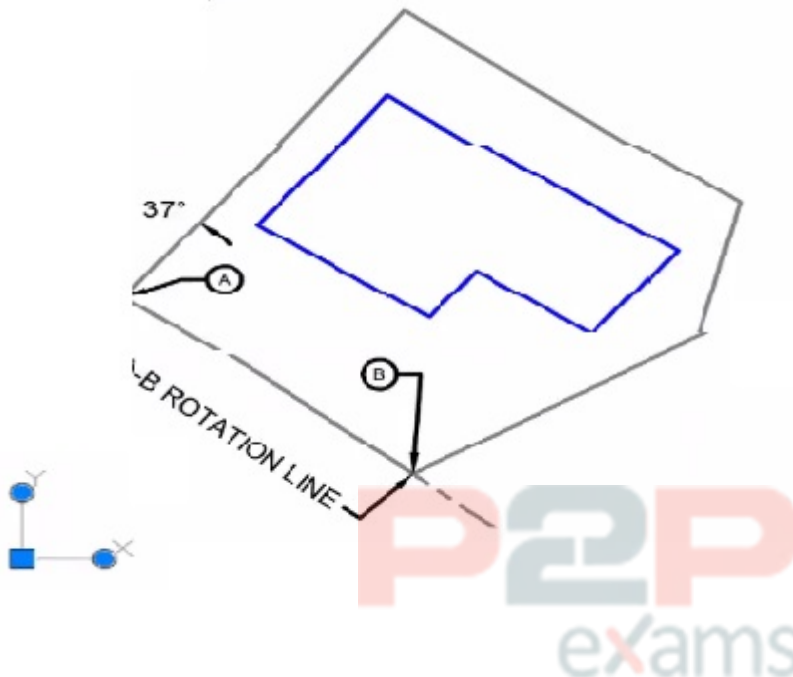
Answer:

C

Question 3

Question Type: MultipleChoice

Exhibit.



A building needs to be drawn parallel with the A-B ROTATION LINE as show.

Which of those workflows should the CAU designer use to align the UCS icon before drawing the sbuilding?

Options:

- A- Set the DVIEW Twist angle to 37 and the SNAPANG value to 37.
- B- in the UCS command, use the X option and select point B for the rotation angle.
- C- in the UCS command, select point A and then type 3/ lot the rotation angle.
- D- Move the UCS square grip to point A and the UCS X circle grip to point B.

Answer:

A

Explanation:

Set DVIEW Twist Angle:

Type DVIEW in the command line and press Enter.

Select the object (or type TW for Twist).

Enter 37 for the twist angle.

Set SNAPANG Value:

Type SNAPANG in the command line and press Enter.

Enter 37 for the snap angle.

Verify UCS Alignment:

Ensure the UCS icon is aligned parallel to the A-B rotation line.

Draw the building relative to the aligned UCS.

AutoCAD Documentation on DVIEW and SNAPANG

Autodesk Knowledge Network: Setting Up the UCS in AutoCAD

Question 4

Question Type: MultipleChoice

A company's central server holds project directories that contain drawings. Team members who work onsite copy a directory locally to work offline.

Users often report that external references (xrefs) cannot be loaded after copying the project directories to their local machine from the company's central server.

How should you make sure that the users can load the xrefs without error?

Options:

- A- Set the external references to use relative paths
- B- Set the Reference Type of the xrefs to Overlay
- C- Set the external references to use absolute paths
- D- Set the Reference Type of the xrefs to Attachment

Answer:

A

Explanation:

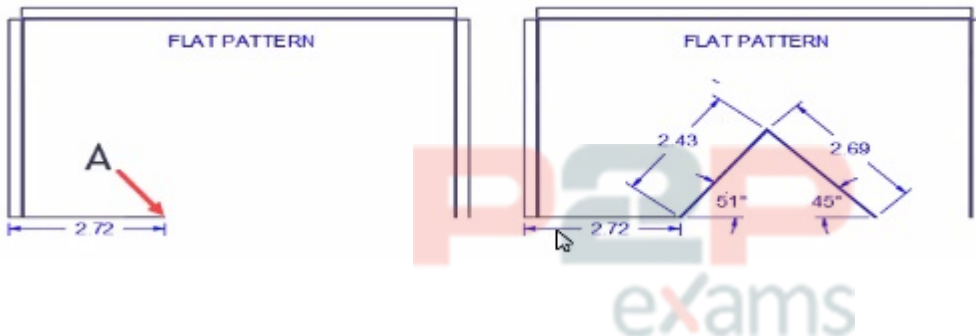
the external references use relative paths to load them without error after copying them locally from a central server. This way, you can avoid broken links due to changes in drive letters or folder names.

<https://grabcad.com/tutorials/working-with-external-references-xrefs-autocad>

Question 5

Question Type: MultipleChoice

Exhibit.



The exhibit on the right reflects a design change for the fiat pattern.

Starting at point A. while using dynamic input, which coordinates win draw both angered lines?

Options:

- A- 2.43,51 and 2.69, -45
- B- @2.43 and @2.69
- C- 2.43<51 and 2.69<-45
- D- 2.43 and 2.69

Answer:

C

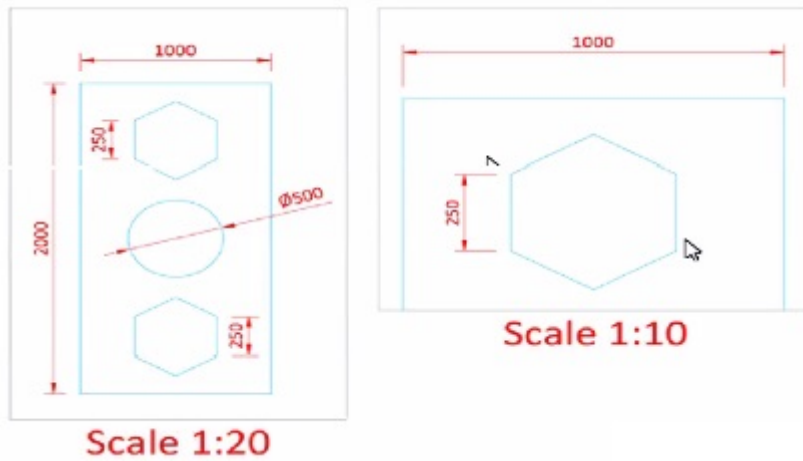
Explanation:

Dynamic input in AutoCAD allows you to enter coordinates and angles directly in the command line, providing real-time feedback on the drawing. To draw lines at specific angles and lengths, you use the format length

Question 6

Question Type: MultipleChoice

Exhibit.



A CAD designer needs two viewports at different scales in a layout. The text and the arrowheads of the dimensions need to be displayed at the same size in both viewports in paper space.

What should the designer use to display all text and arrowheads at the same size?

Options:

- A- MSLTSCALE
- B- PSLT SCALE
- C- An annotative dimension style
- D- An associative dimension

Answer:

C

Explanation:

Create or Modify Dimension Style: Type DIMSTYLE in the command line and press Enter. Create a new dimension style or modify an existing one.

Set as Annotative: In the Dimension Style Manager, go to the Fit tab and check the Annotative option.

Apply to Dimensions: Ensure that all dimensions in your drawing use this annotative dimension style.

Set Annotation Scale: Set the annotation scale for each viewport so that the dimensions scale correctly in each one. Use the Properties palette to set the Annotation Scale for each viewport.

AutoCAD Help Documentation on Using Annotative Dimensions

Question 7

Question Type: MultipleChoice

When you create an attribute definition, which mode should be used if you want the default value of the attribute assigned upon insertion where the attribute value cannot be changed?

Note Exhibit shown is the AutoCAD interface in Windows While the AutoCAD for Mac version differs in appearance, the correct answer correlates in the options.

The screenshot shows the 'Attribute Definition' dialog box in AutoCAD. It is divided into several sections:

- Mode:** Includes checkboxes for Invisible, Constant, Verify, Preset, Lock position, and Multiple lines.
- Insertion Point:** Includes a checkbox for 'Specify on-screen' and input fields for X (0.0000), Y (0.0000), and Z (0.0000).
- Attribute:** Includes input fields for Tag, Prompt, and Default.
- Text Settings:** Includes dropdowns for Justification (Center), Text style (Standard), and input fields for Text height (0), Rotation (0), and Boundary width (0.0000).
- Annotative:** Includes a checkbox for 'Annotative'.
- Align below previous attribute definition:** Includes a checkbox.

At the bottom, there are buttons for OK, Cancel, and Help.

Options:

- A- Constant
- B- Lock position
- C- Verify
- D- Preset

Answer:

A

Explanation:

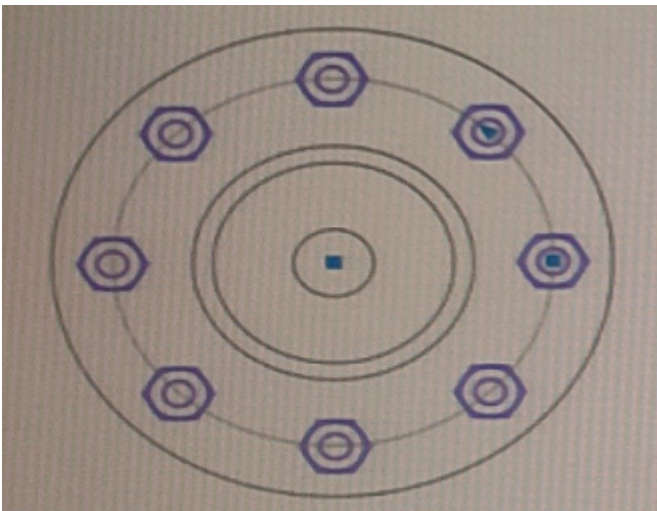
the mode that should be used if you want the default value of the attribute assigned upon insertion where the attribute value cannot be changed isConstant. This option sets the attribute value as constant and prevents it from being modified during a block insertion or later.

<https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2015/ENU/AutoCAD-Core/files/GUID-92A7CE9D-2E1C-415E-A1BF-5CB35D5E2D38-htm.html>

Question 8

Question Type: MultipleChoice

With an associative array selected as shown in the exhibit, which command will separate the objects into individual objects?



Options:

- A- Explode
- B- Disassociate
- C- Ungroup
- D- Break

Answer:

A

Explanation:

array items are contained in a single array object, similar to a block. You can change the number of these items and their spacing in an associative array.

Based on2, you can move an item in an associative array by pressing and holding the Ctrl key, and then selecting the items you want to move.

since explode is the command that separates objects into individual objects. Disassociate, ungroup and break are not valid commands for associative arrays.

<https://knowledge.autodesk.com/support/autocad/learn-explore/caas/CloudHelp/cloudhelp/2020/ENU/AutoCAD-Core/files/GUID-27321B8F-C67E-4EF9-9A25-C5444330E5F2-htm.html>

Question 9

Question Type: MultipleChoice

A drawing file contains existing linework where the polylines are not joined end to end (as shown in the exhibit) The individual polylines must be converted to a single polyline that contains all segments.

How should the polylines to joined?

Options:

- A- Use the PEDIT command and select the Join option
- B- Use me PEDIT command and select Multiple and then the Fit option
- C- Use the JOIN command
- D- Use the PEDIT command and select Multiple and then the Join option

Answer:

D

Explanation:

To join multiple polylines into a single polyline, use the PEDIT command with the Multiple and Join options.

Initiate the PEDIT command:

Type PEDIT in the command line and press Enter.

Select Multiple option:

When prompted to select a polyline, type M for Multiple and press Enter.

Select all polylines:

Select all the polylines that need to be joined.

Use the Join option:

After selecting the polylines, type J for Join and press Enter.

AutoCAD will prompt for the fuzz distance. Press Enter to accept the default, which will join the polylines if their endpoints are within a small distance of each other.

Convert if necessary:

If the selected objects include lines or arcs that are not polylines, AutoCAD will ask if you want to convert them to polylines. Select Yes to convert and join them.

AutoCAD Help: Editing Polylines with PEDIT - Autodesk Knowledge Network



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