



NI CLAD Practice Questions

Shared by Joseph on 24-08-2026

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Question 1

Question Type: MultipleChoice

In what instance would you use the Probe tool rather than Highlight Execution?

Options:

- A- To see the flow of data
- B- To see the value of a wire in real-time
- C- To look into a SubVI, as the process is running
- D- To slowdown the VI and show data values in wires

Answer:

B

Question 2

Question Type: MultipleChoice

Which of the following apply to Property Nodes? (Choose all apply)

Options:

- A- Property Nodes allow attributes of front panel objects to be programmatically manipulated.
- B- Property Nodes can be used to update the values contained in a front panel object.
- C- More than one Property Node can be used for a single front panel object.
- D- Property Nodes contained in a SubVI will always cause the front panel to be loaded in memory.

Answer:

A, B, C, D

Question 3

Question Type: MultipleChoice

Which of the following statements regarding Array constants are NOT true?

Options:

- A- When you create an Array constant on the block diagram, it is not visible on the Front Panel.
- B- You cannot resize an Array constant to include more than one element.
- C- You can copy or drag an existing Array on the Front Panel to the Block Diagram to create a constant of the same data type.
- D- All array operations can be performed on an Array constant

Answer:

B

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Question 4

Question Type: MultipleChoice

Which of the following will allow you to have multiple plots on a Waveform Graph?

Options:

- A- Bundle two 1D arrays of X and Y data together for each plot. Then build an array of these clusters and wire it to the Waveform Graph indicator.
- B- Build an n-dimensional array of data with each plot in a separate row (or column) in the array, then wire the array to the Waveform Graph indicator.
- C- Bundle the elements of each waveform into a cluster and build an array of these clusters, then wire the array to the Waveform Graph indicator.
- D- Both B. and C.

Answer:

D

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Question 5

Question Type: MultipleChoice

What is the best method to stop a While loop on an error condition?

Options:

- A- Compare the Status boolean of an error cluster with a constant and wire it to the Stop terminal
- B- Connect the error wire directly to the Stop terminal
- C- Create an Event structure to handle the error event
- D- Use the Error Handler VI to automatically handle the error

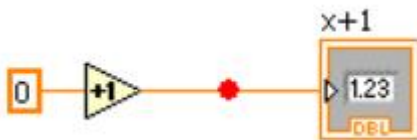
Answer:

B

Question 6

Question Type: MultipleChoice

The following breakpoint does which of the following:



Options:

- A- Causes the VI to abort
- B- Causes the VI to pause
- C- Causes the VI to single step over the addition
- D- Causes the VI to single step over the indicator

Answer:

B

Question 7

Question Type: MultipleChoice

You are inputting data that represents a circle. The circle data includes an x position, a y position, and a radius. All three pieces of data are double-precision. In the future, you might need to store the color of the circle, represented as an integer. How should you represent the circle on your front panel window?

Options:

- A- Three separate controls for the two positions and the radius.
- B- A cluster containing all of the data.
- C- A type definition containing a cluster.
- D- An array with three elements.

Answer:

C

Question 8

Question Type: MultipleChoice

The Wait function can be added to While Loops:

Options:

- A- To free up available memory.
- B- To allocate memory used by the CPU.
- C- To allow the processor time to complete other tasks.
- D- To reserve which processor the code is running on.

Answer:

C

Question 9

Question Type: MultipleChoice

What mechanical action of a Boolean would you use to mimic a button on a Windows dialog?

Options:

- A- Switch Until Released
- B- Switch When Released
- C- Latch Until Released
- D- Latch When Released

Answer:

D

Question 10

Question Type: MultipleChoice

The most efficient method for creating an array is:

Options:

- A- Using a For loop with Auto-indexing
- B- Placing a build array function in a While loop
- C- Initializing an array and then replacing elements in a While loop
- D- Using a While loop with Auto-Indexing

Answer:

A

Question 11

Question Type: MultipleChoice

How do you document a VI so that the description appears in the Show Context Help popup window?

Options:

- A- Use the VI Properties Documentation window
- B- Type in the Show Context Help window
- C- Create a free label on the front panel
- D- Edit the LabVIEW help files

Answer:

A

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