

Taking the Certification Test

Each question has **only one correct answer**. Please record all answers on this answer sheet. The order of the questions in the test roughly follows the order of topics covered in class. All questions are equally weighted. A passing score is 90%.

Returning the Certification Test

Option 1: Fax the answer sheet (following page) to **Yaskawa Technical Training Services** at (847) 887-7185.

Option 2: E-mail the answers to all questions to training@yaskawa.com. Be sure to include all of the contact information listed on the answer sheet.

Option 3: Mail the answer sheet to **Yaskawa Technical Training Services** at the address shown on the bottom of this page.

Receiving Your Score

When the test is taken during the training class, you will receive your score in class as soon as it can be graded. When taken as a CLEP test, receive your score from Technical Training Services by sending an email to training@yaskawa.com or call 800-927-5292, dial 4 for product training. In either case, you may review your answers only if a passing score is received.

Answer Sheet:

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Contact Information:

Name: _____ Title: _____

Company: _____ Email: _____

Address: _____

Phone Number: _____ Fax number: _____

Supervisor's Name/ Title: _____

Test Date: _____

Questions

1. Short answer Question: Describe the difference between the working value and the inverter value columns of the parameter editor window.

2. The changeable column of the parameter editor window refers to whether or not the user of DW may change that parameter at the current time.
 - a. True
 - b. False

3. The size of the parameter editor spreadsheet section of the DriveWizard window as well as the width of each column of the spreadsheet are unchangeable.
 - a. True
 - b. False

4. In the working value column, when looking at a selection type cell. Clicking the accept button writes that value to the _____ memory. On the other hand clicking the decline button _____ the operation.

5. In the parameter editor window, a value turns blue when _____.
 - a. It has been written to the inverters memory
 - b. It is different from the working value column
 - c. It is the same as the working value column
 - d. It is outside the min max range for that parameter

6. When does a green bullet appear in the far left column of the parameter editor window?
 - a. When the file needs to be saved
 - b. Anytime a changed parameter differs from the default values.
 - c. Anytime a parameter has been changed at all, but not yet saved
 - d. Anytime a parameter has been changed at all and than saved

7. If a value is blue in the inverter value column of the parameter editor window, list three ways how can you change it's color back to the normal black?
 - 1.
 - 2.
 - 3.

8. In the monitors window, which tab do you choose to select which monitors to display?
 - a. Monitors
 - b. Setup
 - c. Graph
 - d. Monitor Select

9. What symbol appears in the status bar during active monitoring?
 - a. Yellow Star
 - b. Blue Moon
 - c. Green Clover
 - d. Red Heart

10. Assume Drive communication is already established and DW is in the active monitoring state. What does the user have to do to see a fault description
 - a. Enter Fault history tab, double click
 - b. Enter the monitors tab, right click
 - c. Enter the Fault History tab, right click
 - d. Enter the monitors tab, double click

11. In the graphing setup window, how many options are there for line style?
 - a. 4
 - b. 5
 - c. 6
 - d. 7

12. In the graph tab, why would the “value”, “min”, and “max” show no values?
 - a. Active monitoring is turned off.
 - b. Active monitoring is turned on.
 - c. The value of that monitor is zero.
 - d. True

13. Graph properties such as background color can be changed once graphing is complete.
 - a. True
 - b. False

14. What is the minimum graph sampling rate as shown in this eLM?
- a. 1 millisecond
 - b. 10 milliseconds
 - c. ½ second
 - d. 1 second
15. What is the file extension for a DW created graphing file that excel is capable of opening?
- a. .parms
 - b. .graph
 - c. .csv
 - d. .xls
16. It is possible to run the compare parameters command on any two different drives, as long as they can each connect with DriveWizard.
- a. True
 - b. False
17. Initialization is found under which menu?
- a. File
 - b. Edit
 - c. Communications
 - d. Inverter
18. What parameter is used in the E7 and P7 to make it so removing the keypad to plug the DW cable in does not cause a fault.
- a. o1-06
 - b. o2-04
 - c. o2-06
 - d. o3-04