

CT.MP3300iec.01.eLM.HWOverview.CertificationTest

Student Name:	
Company Name:	
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Test Date:	

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Certification Test



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Taking the Test

- The purpose of this test is to validate the learning experience corresponding to the applicable eLearning Module. It is recommended to preview the questions before viewing the module, and answer them as the module progresses.
- The test is open book. You may use any website, manuals, software, demo, etc. The test must be taken individually; you may not contact another person for help.
- Each question has only one correct answer unless otherwise noted. Please clearly record all answers on the answer sheet. All questions are equally weighted. A passing score is 90%.

Returning the Test

- Please return **only the first page** of the test (the answer sheet) with completed answers and contact information.

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

Option 2: e-mail a scan, photo, or edited pdf of the answer sheet with all answers and contact information to training@yaskawa.com.

Receiving Your Score

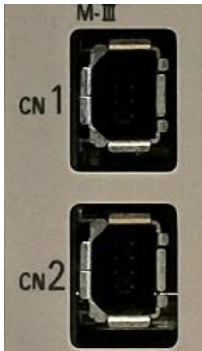
You may review your answers only if a passing score is received. You will receive a system-generated email with your score. Please allow up to 5 business days.

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1. What processor speeds are available for the MP3300iec controller?
 - A. 400 MHz, 800 MHz, 1.2 GHz
 - B. 300 MHz, 600 MHz, 900MHz, 1.2 GHz
 - C. 400 MHz, 1.2 GHz
2. Which MP3300iec processor can support 62 servo axes?
 - A. 400 MHz
 - B. 600 MHz
 - C. 800 MHz
 - D. 1.2 GHz
3. Which version of MotionWorksIEC supports the 1.2 GHz CPU?
 - A. MotionWorksIEC 2.6
 - B. MotionWorksIEC 3.0
 - C. MotionWorksIEC 3.4
4. Which style of MECHATROLINK-III connector is shown in the following picture?



- A. IMI
 - B. USB
 - C. RJ45
5. What input power option is available on the three slot base unit?
 - A. 12 VDC
 - B. 24 VDC
 - C. 48 VDC
 - D. 110 ~ 220 VAC

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6. Which communication protocols are natively supported through the MP3300iec Ethernet port?

- A. ModbusTCP/IP
- B. EtherNet/IP
- C. OPC
- D. ProfiNet
- E. A,B,D
- F. A,B,C
- G. A,B

7. Which of the following communications are supported by the port in the picture?

- A. Binary
- B. RS232
- C. ASCII
- D. TCP/IP
- E. MECHATROLINK-III
- F. A,B,D
- G. A,C,D
- H. All of the above



8. Which MECHATROLINK-III topologies are supported by the MP3300iec?

- A. Mesh, Star, Cascaded
- B. Star, Cascaded, Cascaded Star
- C. Ring, Mesh, Cascaded

9. Which mode switch is used to scroll the IP address on the 7 segment display?

- A. MNT
- B. CNFG
- C. TEST

10. What is the maximum supported axes for the 800 MHz CPU?

- A. 32
- B. 64
- C. 128

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11. What is the minimum device address allowed on MECHATROLINK-III?
 - A. 2
 - B. 3
 - C. 5

12. How many option cards can be added to a 3 slot base unit with a 1.2 GHz CPU?
 - A. 2
 - B. 3
 - C. 4

13. Which is a reason to split the MECHATROLINK-III nodes across both MECHATROLINK-III ports?
 - A. So the hardware lasts longer
 - B. To speed the up the communication between the nodes
 - C. To shut down part of the machine for maintenance
 - D. To separate I/O and SERVOPACKs
 - E. B,D
 - F. C,D
 - G. A,C