

Training Pre-Assessment Quiz

This quiz is composed of 12 multiple choice questions. All material used to create these questions is covered in the Introduction to Foundation Fieldbus course, and is built upon in the Advanced Principles of Foundation Fieldbus course. If you have difficulty answering any of these questions correctly, then you should consider attending the Introduction to Foundation Fieldbus workshop prior to attending the Advanced Principles of Foundation Fieldbus workshop.

Please select the most appropriate response for the following questions:

- 1) Permanent devices connect to the segment in this address range
 - a. 0-15
 - b. 16-247
 - c. 248-251
 - d. 252-256
- 2) Alarms are initially sent via what type of communication across the bus
 - a. Client/Server
 - b. Master/Slave
 - c. Report Distribution
 - d. Publisher/Subscriber
- 3) One of these components on each segment will take on the Link Active Scheduler (LAS) duties
 - a. Basic Device
 - b. Link Master Device
 - c. Power Supply
 - d. Terminator
- 4) These types of parameters always have value and status
 - a. Contained Parameters
 - b. Input Parameters
 - c. Output Parameters
 - d. Input and Output Parameters
- 5) A PID block is an example of a
 - a. Resource Blocks
 - b. Junction Box
 - c. Function Blocks
 - d. Transducer Blocks
- 6) Which is **not** a model of communication used by Fieldbus protocols?
 - a. Client/Server
 - b. Master/Slave
 - c. Report Distribution
 - d. Publisher/Subscriber
- 7) Which is **not** a standard block defined in the Foundation Specifications?
 - a. Analog Input
 - b. Segment Control
 - c. PID
 - d. Multiple Discrete Output
- 8) Which is **not** an actual mode for blocks?
 - a. Automatic
 - b. Initialization Manual
 - c. Fault
 - d. Cascade
- 9) Status has three parts to it, which below is **not** one of them?
 - a. Fault State
 - b. Sub-status
 - c. Limit
 - d. Quality
- 10) These types of blocks can have parameters added to the standard definition they are based on, but cannot have parameters removed
 - a. Enhanced
 - b. Special
 - c. Standard
 - d. Custom
- 11) What is the speed of H1 Communications?
 - a. 8 kbits/s
 - b. 31.25 kbits/s
 - c. 44.5 kbits/s
 - d. 23.75 kbits/s
- 12) All of the following can be included in a Device Description DD file except for
 - a. Parameter descriptions
 - b. Help texts
 - c. Data types
 - d. Initial parameter values

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12)