

IC55 - Pre-Instructional Survey

Name: _____

Date: _____

1. The ISA95 standard
 - a. forces users to abandon their current way of handling integration
 - b. does not emphasize good practices for the integration of systems.
 - c. can only be applied to automated systems.
 - d. applies to all types of manufacturing

2. Define three resources types typically used in production activities
 - a. _____
 - b. _____
 - c. _____

3. A function is included in the control domain if (check all that apply):
 - a. It is critical to maintaining regulatory compliance.
 - b. It impacts the design and construction of a facility.
 - c. It impacts the operational phase of the facilities life.
 - d. It is critical to plant reliability.

4. Identify three levels within the manufacturing computer systems hierarchy.
 - a. Operating system, machine interface, Internet.
 - b. Planning, execution, device control.
 - c. MRP II, planning, enterprise requirements.
 - d. Inventory, movement, planning.

5. Circle all of the terms used to define the types of capabilities defined in ISA95.01.
 - a. Committed capability
 - b. Used capability
 - c. Unavailable capability
 - d. Unattainable capability
 - e. Available capability
 - f. Free capability
 - g. Current capability

6. A material specification may belong to multiple classes.
 - a. TRUE
 - b. FALSE
7. A material lot may have multiple material specifications.
 - a. TRUE
 - b. FALSE
8. A material subplot may be just a single item.
 - a. TRUE
 - b. FALSE
9. The bill of materials is part of the exchanged information model.
 - a. TRUE
 - b. FALSE
10. The bill of resources is not part of the exchanged information model.
 - a. TRUE
 - b. FALSE
11. There may be more than one production response for a production request.
 - a. TRUE
 - b. FALSE
12. There is at least one segment requirement in a production request
 - a. TRUE
 - b. FALSE

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1. d
2. Personnel, Equipment, Materials, Segments (or Rules or Procedures)
3. a, b, c, d
4. b. Planning, execution, device control.
5. a, d, e, g
6. a. TRUE
7. b. FALSE
8. a. TRUE
9. b. FALSE
10. b. FALSE
11. a. TRUE
12. a. TRUE