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 facility’s 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 sublot 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