Assignment-01

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1. A truly automated system must have
   - the ability to make a decision
   - the ability to carry out a decision
   - the ability to evaluate and correct performance
   All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   All of the above

2. A truly automated system works
   - in batch production
   - in the principle of a human brain with partial intervention of a human being
   - in the principle of an industrial robot
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   The principle of a human brain

3. In an automated system the decision is made by
   - the system itself
   - the human being
   - both the system and the human being together
   - stand-alone computers
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   The system itself

4. Automation technology includes
   - automatic machine tools
   - industrial robots
   - feedback control and computer process
   All of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   All of the above

5. One of the benefits of automation is the greater flexibility through the use of standard production units. This is more beneficial in
   - mass production
   - batch production
   - small lot production
   - flexible manufacturing system
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Mass production

6. High cost of raw materials is one of the reasons why automation should be introduced. This is because
   - the labour cost of the production would be high otherwise
   - the output of the production would decrease otherwise
   - waste in the automated production is less
   - value addition in raw material in automated production becomes cheaper
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   The waste in the automated production is less

7. Manufacturing lead time includes
   - the time between customer order and product delivery
   - the total production time
   - the machining time plus the idle time
   - the machining time, idle time and the tool changing time together
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   The time between customer order and product delivery

8. In automation the manufacturing lead time is reduced due to
   - higher production rate in automated industry
   - exact time for all activities could be maintained in automated production
   - efficiency management in automated production
   - high accuracy of automated production
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Exact time for all activities could be maintained in automated production

9. Total processing time can be reduced by
   - specialized operations
   - simultaneous operations
   - parallel operations
   - continuous operations
   - efficient plant operations control
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Continuous operations

10. One of the factors of the programmable automation is
    - high investment in general-purpose equipment
    - high investment in custom-engineered equipment
    - high investment in general-purpose equipment
    - high investment in custom-engineered equipment
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    High investment in general-purpose equipment