Assignment 10

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

1) Which of the following 3F46i distribution is used to understand six sigma quality management? [1 point]
   - Exponential distribution
   - Normal distribution
   - Weibull distribution
   - Poisson distribution
   - The answer is incorrect. Score: 0
   Accepted Answer: Normal distribution.
   All of the above
   - The answer is incorrect. Score: 0
   Accepted Answer: All of the above

2) Which of the following is correct? [1 point]
   - Six sigma is all about reducing the number of defects in a process.
   - Six sigma is about improving variability in a process.
   - Six sigma can be implemented using Six Sigma approach.
   All of the above
   - The answer is incorrect. Score: 0
   Accepted Answer: All of the above

3) Which of the following is correct? [1 point]
   - Under a six sigma system, 3.4 defects per million are permissible.
   - Under a six sigma system, 0 defects per million are permissible.
   - Under a six sigma system, 1 defect per million are permissible.
   - Under a six sigma system, 0.3 defects per million are permissible.
   - The answer is incorrect. Score: 0
   Accepted Answer: Under a six sigma system, 0 defects per million are permissible.

4) The Taguchi method includes all except which of the following major concepts? [1 point]
   - Employee involvement
   - Remove the effects of salaried conditions
   - Quality level benchmarking
   - Upper specification limits
   - The answer is incorrect. Score: 0
   Accepted Answer: Upper specification limits
   Accepted Answer: Employee involvement
   Accepted Answer: Quality level benchmarking
   Accepted Answer: Upper specification limits

5) Which of the following is correct? [1 point]
   - Pareto diagram helps in identifying critical customer priorities.
   - Quality function deployment helps in identifying customer priorities.
   - Benchmarking tools in identifying customer priorities.
   - All of the above are correct.
   - The answer is incorrect. Score: 0
   Accepted Answer: All of the above are correct.

6) Which of the following is not considered a hybrid layout? [1 point]
   - Cellular layout
   - Modular manufacturing systems
   - Fixed position layout
   - Mixed model assembly line
   - The answer is incorrect. Score: 0
   Accepted Answer: Fixed position layout
   Accepted Answer: Modular manufacturing systems
   Accepted Answer: Cellular layout
   Accepted Answer: Fixed position layout

7) Which of the following all influence facility layout? [1 point]
   - The variety and variety of goods or services produced
   - The degree of customer interaction
   - The type of equipment needed to produce the product
   - All of the above are correct.
   - The answer is incorrect. Score: 0
   Accepted Answer: All of the above are correct.

8) Which of the following characteristics is associated with a process layout? [1 point]
   - Stable demand
   - Less skilled workers
   - Specialized machinery
   - Low volume
   - The answer is incorrect. Score: 0
   Accepted Answer: Low volume
   Accepted Answer: Stable demand
   Accepted Answer: Specialized machinery
   Accepted Answer: Low volume

9) Which of the following layout design is suitable for repetitive work? [1 point]
   - Fixed position layout
   - Product layout
   - Process layout
   - Machine layout
   - The answer is incorrect. Score: 0
   Accepted Answer: Machine layout
   Accepted Answer: Fixed position layout
   Accepted Answer: Process layout
   Accepted Answer: Machine layout

10) The concept of “just-in-time” is relevant to ………. Layout? [1 point]
    - Fixed position layout
    - Process layout
    - Machine layout
    - Cellular layout
    - The answer is incorrect. Score: 0
    Accepted Answer: Cellular layout
    Accepted Answer: Fixed position layout
    Accepted Answer: Process layout
    Accepted Answer: Machine layout

Due on 2020-04-08, 23:59 IST.