Assignment 1

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

Due on 2020-09-30, 23:59 IST.

All the questions are multiple choice questions (MCQ) with only one correct answer:

1) Which of the following manufacturing process is suitable for producing high variety products?  
   - Batch Flow  
   - Job Shop  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Job Shop

2) Which of the following manufacturing process is suitable for producing highly customized products?  
   - Job Shop  
   - Batch Flow  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Job Shop

3) Which of the following manufacturing process produces products with lowest average production cost?  
   - Job Shop  
   - Batch Flow  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Job Shop

4) Which of the following manufacturing processes have high flexibility flow pattern?  
   - Job Shop  
   - Batch Flow  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Continuous Flow

5) Which of the following manufacturing processes is most economically viable for high volume commodity products?  
   - Job Shop  
   - Batch Flow  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Continuous Flow

6) Which of the following manufacturing process is suitable for automobile industry?  
   - Job Shop  
   - Batch Flow  
   - Assembly Line  
   - Continuous Flow
   
   Accepted Answers:  
   Assembly Line

7) Which of the following factors is not responsible for cost reduction in supply chain?  
   - Economies of Scale  
   - Experience effect  
   - Outsourcing  
   - Batch size effect
   
   Accepted Answers:  
   Batch size effect

8) Which of following is not considered as buffer in supply chain?  
   - Inventory  
   - Capacity  
   - Time  
   - Process
   
   Accepted Answers:  
   Process

9) As the sample size increases, standard deviation of the sample mean decreases:  
   - Decreases  
   - Increases  
   - Does not change  
   - Cannot be determined
   
   Accepted Answers:  
   Decreases

10) What will be a minimum value for work-in-process inventory for a system with cycle time of 50 minutes and if producing 400 units/day for eight hour shift?  
    - 25  
    - 50  
    - 480  
    - 2480
    
    Accepted Answers:  
    25