Week 6: Assignment 6

The due date for submitting this assignment has passed.

Correct answer(s) you have not submitted this assignment.

Assignment Answers:

1. Cellular manufacturing, which is an application of group technology in manufacturing, provides a strategy for achieving economic advantages in an environment of...
   a. High-volume, low-demand production
   b. High-volume, high-demand production
   c. Low-volume, high-demand production
   d. All of the above

2. Which of the following techniques does not consider the design aspect of the process?
   a. Visual method
   b. Classification and coding
   c. Process flow analysis
   d. None of the above

3. Which type of group technology code uses the discrete type structure?
   a. Main code
   b. Full code
   c. Mixed code
   d. All of the above

4. In which type of coding structure every successive digit is dependent upon the preceding digit?
   a. Chain-type coding structure
   b. Tree-type coding structure
   c. Mixed-type coding structure
   d. Random coding structure

5. Which of the following statements is true about a product manufactured in a flexible manufacturing system?
   a. It can be mass-produced
   b. It requires specialized equipment
   c. It is compatible with the products of other manufacturing systems
   d. All of the above

6. In types of cutting tools, four-digit indicates...
   a. End mill
   b. Plane surface machining
   c. Internal dimensions and its elements
   d. External shapes and its elements

7. Unit cost of manufacturing a product is much higher for a product manufactured in a flexible manufacturing system than that of a transfer line.
   a. True
   b. False

Assignment Answers: