Assignment 11

The due date for submitting this assignment has passed. As our policy now, you have not submitted this assignment.

1) _________ refers to the technology or method used to improve existing design and manufacturing processes and increase productivity, to help 7 points people and machines communicate.
   - Computer Integrated Manufacturing
   - Design for Manufacturing
   - Design for Disassembly
   - None of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: Computer Integrated Manufacturing

2) What are the advantages of CIM?
   - Lower costs
   - Improved delivery times
   - Better quality
   - All of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: All of these

3) Facilities include the factory, production machines and robots, material handling equipment, inspection equipment and computer systems that control the manufacturing operations.
   - True
   - False
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: True

4) _________ is the way the equipment is physically arranged in the factory.
   - Manufacturing design
   - Plant layout
   - Production line
   - None of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: Plant layout

5) Which of the following manufacturing systems (please list) cataloged in terms of the human participation in the processes performed in the manufacturing system?
   - Manual work system
   - Worker machine system
   - Automated system
   - All of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: All of these

6) _________ is a manufacturing system in which the sequence of processing operations is fixed by the equipment configuration.
   - Fixed
   - Flexible
   - Programmable
   - None of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: Fixed

7) Which of the following operations are for discrete products?
   - Processing and assembly operations
   - Material handling
   - Inspection and testing
   - All of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: All of these

8) _________ provides highest product variety.
   - Fixed
   - Flexible
   - Programmable
   - None of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: Programmable

9) A company is producing 12,800 cars annually. Determine the production rate of the industry.
   - Low production
   - Medium production
   - High production
   - None of these
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: High production

   b) The positional time for an assembly operation for the given data is shown below. Identify the handling time (T_h), tool-changing time (T_c), and cycle time (T_cy) to find the maximum number of parts produced per hour.
   - CB 0 s
   - 11 s
   - 13 s
   - 15 s
   No, the answer is incorrect. Score: 0 |

   Accepted Answer: 15 s