Assignment 03

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

1) State the following statement as true or false.
   “Design for Modularity can be advantageous in many ways like reduction in cost, flexibility in design, augmentation, and exclusion.”

   - True
   - False

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   True

2) Which type of design approach is predominantly followed in the following example:
   “Nowadays, the kitchens in the home are made segmental.”

   - Design for Modularity
   - Design for Manufacturing
   - Design for Disassembly
   - Design for Environment

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Design for Modularity

3) The process of proactively designing products to optimize all the production functions is called as:

   - Design for Modularity
   - Design for Assembly
   - Design for Manufacturing

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Design for Modularity
4) Which of the following addresses the need to design a product for safety?  
- Soft-Hard Review  
- Effect Analysis  
- Experimental design  
- None of these

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- Soft-Hard Review

5) ________________ seeks to simplify the product so that the cost of assembly is reduced.  
- Design for Manufacturing  
- Design for Assembly  
- Design for Modularity  
- None of these

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- Design for Assembly

6) Which of the following assembly processes uses synchronous indexing machines?  
- Manual assembly  
- Automatic assembly  
- Robotic assembly  
- None of these

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- Automatic assembly

7) Which of the following disassembly sequence planning type follow target disassembly sequence?  
- Type III  
- Type II  
- Type I  
- None of these

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- Type I

8) A design that can be used to develop complex products using similar design is called as:  
- Modular design  
- Flexible design  
- Detachable design  
- None of these
9) Which of the following phases comes after Decomposition Analysis Phase in Design for Modularity?

- Product Analysis
- Process Analysis
- Design Analysis
- None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Modular design

10) Each component designed for modularity is supposed to support at least ________.

- 1 function
- 2 functions
- 3 functions
- 4 functions

No, the answer is incorrect.
Score: 0
Accepted Answers:
Product Analysis