Unit 4 - Week 3
Assignment 3

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-20, 23:59 IST.

1) ___________ has recommended a three-stage process for building performance and quality ____________ into the products.

- Lochner
- Ifeanyi E.
- Taguchi
- Professor Henry Stoll

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

2) According to Professor Henry Stoll, the guideline(s) to be followed during product design process is/are:

- Design of a modular product
- Use standard Components
- Integrate parts, aim to multifunctional components
- All of above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of above

3) Process of manual assembly is divided into two separate areas; that are:

- Handling, Insertion and fastening
- Fastening, Handling and insertion
- Insertion, Fastening and handling
- None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Handling, Insertion and fastening

4) Cognitive ergonomics deals with the mental processes and capacity of human when at work.

- True
- False

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

5) ___________ is a tool used to assist the design teams in the design of products that will
Design for Production
Design for Manufacturing
Design for Assembly
Design for Manual Assembly

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

6) Which of these images should be used according to design guidelines for part handling?  

- A and C
- B and D
- A and D
- B and C

No, the answer is incorrect.
Score: 0
Accepted Answers:
B and D

7) Which of the following images follow the design guideline to eliminate fasteners and to place them away from obstructions?  

- A and C
- A and D
- B and D
- B and C

No, the answer is incorrect.
Score: 0
Accepted Answers:
B and D

8) Design for manufacturing mainly focus on:

- Maximizing number of assembly operations
- Making individual parts to be more complex in design
- Using common datum features and primary axes
- All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Using common datum features and primary axes

9) Design for manual assembly (DFMA) guidelines recommended the following:

- Avoid using separate fasteners
- Minimize handling of parts/components

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No, the answer is incorrect.
Score: 0
Accepted Answers:
All of these

10 In the term DFX, substitute for X includes:

- Manufacturing
- Assembly
- Safety
- All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of these