Assignment 2

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

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) Quality Function Deployment (QFD) is a technique intended to help
   - design of complex products
   - extract the complex products
   - operate the complex products
   - test the complex products

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - design of complex products
   - House of Quality

2) A specialized matrix, designed to convert customer requirements into a numeric score that helps define areas for the designer to focus on, is called as
   - Six Sigma
   - Kagan Chart
   - House of Quality
   - Taguchi Matrix

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - design of complex products
   - House of Quality

3) What is the name of the central portion of the House of Quality (HoQ) chart?
   - Design Features Matrix
   - Design Features Correlation Matrix
   - Design Feature Weighted Matrix
   - Customer Priority Column

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Design Features Matrix

4) What is the purpose of the top portion of the House of Quality (HoQ) chart?
   - Identifying correlations in design features
   - Listing down the customer needs
   - Listing down the customer priorities
   - Listing down the design features

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Identifying correlations in design features

5) Which of the following statement(s) score FALSE, regarding the Requirements Capture?
   - Requirements capture is an activity carried out to identify and understand what the customer wants.
   - Requirements capture helps in identifying the features in the design that will help in meeting the customer requirements.
   - Requirements capture is an activity carried out to check and verify the inventory of items that are needed for the aircraft design process.
   - Requirements capture is an activity carried out by a customer which helps define areas for the designer to focus upon.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Requirements capture is an activity to check and verify the inventory of items that are needed for the aircraft design process.

6) Which of the following statement(s) score TRUE, regarding the QFD?
   - QFD is a conceptual map or set of rules for planning and communication
   - QFD helps in focusing and co-ordinating the in-house skills in various departments of the organization to improve the quality of the product.
   - QFD focuses upon transferring all the departments in an organization for designing the products reflecting the customers needs and tastes
   - QFD followed in an organization ensures that its products are designed, manufactured and delivered in the customer perspective with high standards of quality.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - QFD is a conceptual map or set of rules for planning and communication

7) What is the purpose of providing the largest values for the decided design features in the House of Quality (HoQ) chart?
   - To ensure that they are not overlooked.
   - To help design the priorities to the customer needs.
   - To calculate the design feature priorities.
   - To rank the design features.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - To rank the design features.

8) Which of the following tasks below not done while preparing the House of Quality (HoQ) chart?
   - List down the customer needs.
   - Designing the design features to be provided.
   - Calculating the design feature priorities.
   - Generating the Six Sigma chart for the product.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Generating the Six Sigma chart for the product.

9) Which of the following tasks a part of Requirements Capture?
   - Understanding exactly what the customer wants.
   - Understanding the priorities of Customer's needs.
   - Identifying design features that will result in higher customer satisfaction
   - Comparative analysis of competitor's design.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Understanding the priorities of Customer's needs.

10) Which of the following questions can be addressed by employing QFD?
   - How can the Engineers affect the quality of the product?
   - How can an existing product be changed to meet new requirements?
   - How to change customer requirements to match with our existing product?
   - How do changes made to the product by one department affect the activities of the other department?

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - How to change customer requirements to match with our existing product?