

## Unit 4 - Week 2

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## Assignment 2

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

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

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

*design of complex products*

- 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, 1 point
- Six Sigma  
 Kaizen Sheet  
 House of Quality  
 Taguchi Matrix

No, the answer is incorrect.

Score: 0

Accepted Answers:

*House of Quality*

- 3) What is the name of the central portion of the House of Quality (HoQ) chart? 1 point
- Design Features Matrix  
 Design Feature Correlation matrix  
 Design Feature Priority Row  
 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? 1 point
- 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) is/are FALSE, regarding the Requirements Capture? 1 point
- Requirements capture is an activity carried out to exactly understand what the Customer wants.  
 Requirements capture helps in identifying the features in design that will help in meeting the customer requirements.  
 Requirements capture is an activity 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 to 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.*

*Requirements capture is an activity carried out by a customer which helps to define areas for the designer to focus upon.*

- 6) Which of the following statement(s) is/are TRUE, regarding the QFD? 1 point
- QFD is a conceptual map or set of routines 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 channalising 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 routines 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 channalising 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.*

- 7) What is the purpose of providing the target values for the decided design features in the House of Quality (HoQ) chart? 1 point
- To ensure that they are not exceeded.  
 To help assign the priorities to the customer needs.  
 For calculating the design feature priorities.  
 To rank the design features.

No, the answer is incorrect.

Score: 0

Accepted Answers:

*To ensure that they are not exceeded.*

- 8) Which of the following tasks is/are not done while preparing the House of Quality (HoQ) chart? 1 point
- List down the customer needs  
 Deciding 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 is/are a part of Requirements Capture ? 1 point
- 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 designs

No, the answer is incorrect.

Score: 0

Accepted Answers:

*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 designs*

- 10) Which of the following question(s) can be addressed by employing QFD ? 1 point
- 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 can the Engineers affect the quality of the product ?*

*How can an existing product be changed to meet new requirements?*

*How do changes made to the product by one department affect the activities of the other department?*