Assignment 6

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

1) The product designer satisfies customer requirements by
   - Ignoring them
   - Turning it into a function
   - Placing constraints
   - Log as complaint
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Turning it into a function
   - Placing constraints

2) The functional decomposition of a product can be done by
   - Concept generation
   - Conceptual generation
   - Functional analysis
   - Defining design standards
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Functional analysis

3) ________ is a statement of reproducible relationship between the available input and desired output.
   - Product specification
   - Functional requirements
   - Product function
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Functional requirements

4) A bottom-up approach is adopted in developing function tools for the ______ method.
   - Six Sigma design
   - Solved and operate
   - Function structure
   - Functional analysis system technique
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Functional analysis system technique

5) What are the functions identified by asking ‘HOW’ and ‘WHY’ in the FAST method?
   - Basic function
   - Product functional concept
   - Secondary function
   - Sub function
   - Product design function
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Product functional concept

6) In any electrical system, conversion of energy results in the generation of heat. This is a ______ and needs rectification.
   - Basic function
   - Unsolved function
   - Project objective
   - Assumed function
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Unsolved function

7) The nominalized of a function is a
   - Sub function
   - Secondary function
   - Sub function which cannot be decomposed further
   - Basic function
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Sub function which cannot be decomposed further

8) The systematic process of transforming customer needs to a clear specification of the functional requirements of the product is called the ______
   - Constraint
   - Need analysis
   - Concept generation
   - Functional decomposition
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Functional decomposition

9) By definition of a product function, which of the following are correct definitions:
   - Generate torque
   - Bright light
   - Rotate object
   - Table fan
   - Shiny finish
   - No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   - Generate torque

10) The functional analysis system technique is used to
    - Analyze interrelationship between functions
    - Understand product functions
    - Analyze concepts generation technique
    - Define product functions
    - Prioritize functions that add to product value
    - No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    - Analyze concepts generation technique