Assignment 10

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) _______ is an approximate description of the technology, working principles, and form of the product
   a) Fixed-empirical concept
   b) Hybrid concept
   c) Modular concept
   d) Product concept
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Product concept

2) An empirical study of products is conducted for _______
   a) Pushing a poor design until it works
   b) Gathering initial design knowledge base
   c) Improving the marketing strategy
   d) Enhancing concept generation
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Gathering initial design knowledge base

3) Which of the following are the steps for concept capturing?
   a) Mapping components to functions
   b) Affinity diagram mapping
   c) Document product components
   d) Deriving modular parameters matrix
   e) Deriving each product's functional model
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Mapping components to functions, Deriving each product's functional model

4) Concept generation process
   a) Forms -> Product functions -> Layouts -> Architecture
   b) Product functions -> Layouts -> Frames -> Architecture
   c) Forms -> Product functions -> Architecture -> Layouts
   d) Product functions -> Forms -> Architecture -> Layouts
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Forms -> Product functions -> Layouts -> Architecture

5) A mathematical representation of the mapping between a product's components to its sub-functions is made using the _______
   a) Functional model set
   b) Function-component matrix
   c) Profile of quality
   d) Sub-function model
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Functional model set

6) What are common pitfalls in concept generation?
   a) Involvement of only few in the process
   b) Failure to consider the usefulness of concepts
   c) Deriving modular parameters improperly
   d) Considering entire category of solutions instead of few
   e) Considering only one or two alternatives
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Involvement of only few in the process

7) Brainstorming and 6-3-5 comes under which method of concept generation?
   a) Conventional method
   b) Systematic method
   c) Brainstorming
   d) Metric
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Brainstorming

8) The direct logical method of concept generation is akin
   a) Observation of nature
   b) Visualization through emergent thinking
   c) Systematic step by step approach
   d) None of these
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   Systematic step by step approach

9) The brainstorming principle states that quality is prime compared to quantity, at the usage of concept generation
   a) True
   b) False
   
   No, the answer is incorrect.
   Score: 0
   Accepted Answers
   False

10) One of the main drawbacks of brainstorming is
    a) Misunderstanding due to lack of clarity in vocal explanations
    b) Generating large volume of concepts
    c) Taking ideas generations to keep momentum
    d) None of these
    
    No, the answer is incorrect.
    Score: 0
    Accepted Answers
    Misunderstanding due to lack of clarity in vocal explanations

Due on 2020-11-26, 23:59 IST