Assignment 7A

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

1) The advantage of functional common basing are:
   - A common vocabulary of functions and flows
   - Comparing products across domains is easy
   - Minimizes the customer needs
   - Major changes to product are restricted
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   A common vocabulary of functions and flows
   Comparing products across domains is easy

2) A functional common basing aids in finding:
   - When functional decomposition should be stopped
   - Consistency of functional decomposition
   - Reaching major changes to product
   - Secondary functions
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   When functional decomposition should be stopped

3) _________ gives internal decision making capability for a device
   - Product values
   - Material of the product
   - Information
   - Energy
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   Material of the product

4) Given below is the block box model of an inkjet printer. Identify the I/O flow:
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   Make hard copies of diagram

5) _________ provides a systematic approach for decomposing a product design problem into simpler subproblems.
   - Product simplification
   - Product decomposition
   - Functional modeling
   - Conceptual design
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   Conceptual design

6) What is the next step after the functional decomposition?
   - Customer requirements
   - Marketing the product
   - Functional analysis
   - Product architecture
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   Marketing the product

7) Which of the following is part of product architecture?
   - Physical components
   - Building blocks
   - Product assembly
   - Functional elements
   - Direct needs
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   Building blocks

8) What are the considerations for product architectural?
   - Ability to offer product variety
   - Product cost
   - Design lead time
   - All of the above
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   All of the above

9) Flow method is also referred to as ______ since the box with inputs and outputs is used to define the functions of this product
   - PACT method
   - System approach
   - Product approach
   - Customer approach
   - (No, the answer is incorrect)
   Score: 0
   Accepted Answer:
   System approach

10) _________ helps in the early stage identification of product architecture
    - Concept scoring
    - Customer need analysis
    - Functional modeling
    - Product distortion
    - (No, the answer is incorrect)
    Score: 0
    Accepted Answer:
    Concept scoring