

Unit 2 - Week 1

Course outline

How to access the portal?

Week 1

- Introduction to Product Design and Development
- Product Design Steps and Product Analysis
- Profit Consideration
- Value Engineering(VE) History, Concept and Definitions
- Value Engineering vs Cost Cutting

Quiz : Assignment 1

Solution for Assignment 1

Week 2

Week 3

Week 4

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Assignment 1

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

Due on 2019-08-14, 23:59 IST.

1) Which of the following phase of Product Life-Cycle depicts maximum increase in sales volume with increase in time? 1 point

- Growth
- Decline
- Maturity
- Introduction

No, the answer is incorrect.
Score: 0

Accepted Answers:
Growth

2) Which of the following is (are) the exact reason(s) for the development of new product by the organizations? 1 point

- To satisfy unfulfilled needs of the customers
- Too much competition in the existing product line
- The profit margin is on the decline
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

3) The approximate percentage of the final product cost that is locked during the design stage of new product development process is; 1 point

- 20-30%
- 40-50%
- 10-20%
- 70-80%

No, the answer is incorrect.
Score: 0

Accepted Answers:
70-80%

4) The profits during the Growth stage/phase in the Product Life Cycle are generally____ 1 point

- Negative
- Positive
- Constant
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Positive

5) Which of the following aspect majorly define the reliability of the product? 1 point

- Functional aspect
- Aesthetic aspect
- Operational aspect
- Durability and Dependability aspect

No, the answer is incorrect.
Score: 0

Accepted Answers:
Durability and Dependability aspect

6) Which of the following is generally not included in the total cost of manufacturing the product? 1 point

- Distribution
- Overhead cost
- Profit
- Storage cost

No, the answer is incorrect.
Score: 0

Accepted Answers:
Profit

7) Among 3 approaches of profit maximization, the total costs required to manufacture the product remains unchanged in which approach (s)? 1 point

- Increase the sales price
- Increase the market
- Both A and B
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both A and B

8) What are the reason(s) of poor Value? 1 point

- Poor coordination among the designers
- Outdated or inappropriate design standards
- Fixation with old design concepts
- All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

9) The value engineering must necessarily applied in the following stage of product development process; 1 point

- Design stage
- Production stage
- Maturity stage
- Dispatching stage

No, the answer is incorrect.
Score: 0

Accepted Answers:
Design stage

10) The probability of cost reduction potential of a product is maximum in _ of Product Life Cycle. 1 point

- Initial phase
- Middle phase
- Final phase
- Remain constant

No, the answer is incorrect.
Score: 0

Accepted Answers:
Initial phase