

Unit 4 - Week 3

Course outline

How to access the portal?

Week 1

Week 2

Week 3

- Function-Cost Relationship-I
- Function -Cost Relationship-II
- VE Applications in Product Design
- Value Engineering: Case Study I
- Value Engineering: Case Study-II
- Quiz : Assignment 3**
- Solution for Assignment 3

Week 4

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Feedback

Assignment 3

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

Due on 2019-08-21, 23:59 IST.

1) The following component of pencil fulfills the basic function;

1 point

- Lead
- Wood
- Metal cap
- Eraser

No, the answer is incorrect.
Score: 0

Accepted Answers:
Lead

2) Primary functions is (are);

1 point

- Basic functions
- Supporting functions
- Both A and B
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Basic functions

3) The idea of changing the curved portion of blade to straight portion of blade comes under the following alternative;

1 point

- Yield improvement
- Part Count Reduction
- Part Commonisation
- Alternate Material

No, the answer is incorrect.
Score: 0

Accepted Answers:
Yield improvement

4) The possible alternative(s) developed during the evaluation phase of Value Study of Divan;

1 point

- Change gauge of Material (pipe)
- Reduce the thickness of Board
- Both A and B
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both A and B

5) Design of sword hilt without curved portion comes under the following ideas suggested by the adviser of the King;

1 point

- Benchmarking
- Part Count Reduction
- Part Commonisation
- Alternate Material

No, the answer is incorrect.
Score: 0

Accepted Answers:
Benchmarking

6) The total number of ideas suggested by the adviser of the King for the design of the sword were;

1 point

- Six ideas
- Four ideas
- Eight ideas
- Five ideas

No, the answer is incorrect.
Score: 0

Accepted Answers:
Six ideas

7) Which of the following creative problem solving technique was used by the medical instrument manufacturing company as discussed in the case study?

1 point

- Brainstorming
- Gordon Technique
- Morphological Analysis
- Checklists

No, the answer is incorrect.
Score: 0

Accepted Answers:
Brainstorming

8) Which of the following represents the secondary function (s) of an office chair?

1 point

- The arms of chair
- The cushion on seat of the chair
- The neck rest
- All of the Above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the Above

9) Restriction plate in case of handle performs _____ type of function (s);

1 point

- Primary
- Secondary
- Both (a) and (b)
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Primary

10) The creative problem solving technique recommended the use of _ number of screws in each restriction plate of handle.

1 point

- One
- Two
- Three
- Four

No, the answer is incorrect.
Score: 0

Accepted Answers:
One