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Courses » Advanced Green Manufacturing Systems

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# Unit 6 - Week 4

Register for Certification exam

## Course outline

How to access the portal

Week 0

Week 1

Week 2

Week 3

Week 4

Lecture 12: Value Engineering Green Plan - FAST diagramming

Lecture 13: Value Engineering - case study

Lecture 14: Value Engineering Green Plan - Paired comparison technique

Quiz : Assignment 4

Advanced Green

## Assignment 4

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-27, 23:59 IST.**

Company XYZ wanted to develop a value engineering green plan using paired comparisons technique for the functions of a particular component AGMA-04. The component consists of 9 (nine) functions. Various customers are asked to rank among the customer. The link:

<https://drive.google.com/file/d/1C3kjvlgSVS8lw3XOkNcXp84v2v4HlbeD/view?usp=sharing> provides the comparison ranking provided by a particular customer. Use the ranking sheet and give the answer to the following questions.

1) Which of the following function is having the least priority according to the customer? **2 points**

- I
- H
- G
- F

No, the answer is incorrect.

Score: 0

Accepted Answers:

H

2) Which of the following function is is most highly rated by the customer? **2 points**

- G
- H
- I
- A

No, the answer is incorrect.

Score: 0

Accepted Answers:

G

3) Draw the plot according to the weighted percentage of the functions. Which of the

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Week 5	ce De	<input type="radio"/> A-C
Week 6		<b>No, the answer is incorrect.</b> <b>Score: 0</b>
Week 7		<b>Accepted Answers:</b> <i>C-I</i>
Week 8		4) Which of the following portion in the graph can be considered as the "first leveling effect"? <b>2 points</b>
Week 9		<input type="radio"/> I-D
Week 10		<input type="radio"/> G-C
Week 11		<input type="radio"/> E-H
Week 12		<input type="radio"/> A-B
		<b>No, the answer is incorrect.</b> <b>Score: 0</b>
		<b>Accepted Answers:</b> <i>I-D</i>
		5) Which of the following portion in the graph can be considered as the "Second major drop" <b>2 points</b> in the graph?
		<input type="radio"/> E-H
		<input type="radio"/> C-B
		<input type="radio"/> D-F
		<input type="radio"/> F-E
		<b>No, the answer is incorrect.</b> <b>Score: 0</b>
		<b>Accepted Answers:</b> <i>D-F</i>

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