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garvit.aggarwal.ug20@nsut.ac.in



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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Project Management For Managers (course)

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Course outline

How does an NPTEL online course work? ()

Week 0 ()

Week 1 ()

Week 2 ()

Week 3 ()

- ☒ Lesson-11 Methods of Project Selection (MCDM-II) (unit?unit=33&lesson=34)
- ☒ Lesson-12 Methods of Project Selection (MCDM-III) (unit?unit=33&lesson=35)
- ☐ Lesson-13 Market and Demand Analysis - I (unit?unit=33&lesson=36)
- ☐ Lesson-14 Market and Demand Analysis - II (unit?unit=33&lesson=37)
- ☐ Lesson-15 Financial Analysis (unit?unit=33&lesson=38)
- ☒ Quiz: Week 3 : Assignment 3 (assessment?name=162)

Week 4 ()

FEEDBACK LINK ()

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Week 3 : Assignment 3

Your last recorded submission was on 2023-08-08, 00:18 IST

Due date: 2023-08-16, 23:59 IST.

1) Which one of the following is not an MCDM technique?

1 point

- ☐ AHP
- ☐ SMART
- ☒ PERT
- ☐ TOPSIS

- 2) In order to get a “feel” of the relationship between the product and its market, the project analyst may informally talk to customers, competitors, middlemen, and others in the industry. This is a _____ analysis? **1 point**
- ☐ Demand Analysis
 - ☒ Situational Analysis
 - ☐ Customer Analysis
 - ☐ Product Analysis
- 3) In TOPSIS, how are the alternatives ranked? **1 point**
- ☒ Based on their proximity to the ideal solution and their distance from the negative ideal solution
 - ☐ Based on their random assignment of ranks
 - ☐ Based on their alphabetical order
 - ☐ Based on their initial order in the dataset
- 4) How normalized score is calculated in TOPSIS method? **1 point**
- ☒ $R_{ij} = x_{ij} / (\sum x^2_{ij})$
 - ☐ $R_{ij} = x_{ij} / (\sum x_{ij})$
 - ☐ $R_{ij} = x_{ij} / (\sum x^3_{ij})$
 - ☐ $R_{ij} = x_{ij} / (\sum x^4_{ij})$
- 5) Which of the following is not a quantitative forecasting method? **1 point**
- ☐ Trend projection
 - ☐ Exponential smoothing
 - ☒ Delphi
 - ☐ Moving Average
- 6) Which of the following is not related to Information sought in market survey? **1 point**
- ☐ Total demand
 - ☐ Price elasticities
 - ☐ Purchasing plans
 - ☒ Production schedule
- 7) Which of the following is not a key step in Market and Demand Analysis? **1 point**
- ☐ Situational analysis
 - ☐ Market survey
 - ☒ Resource planning
 - ☐ Characterization of the market
- 8) Which of the following is not a Causal method? **1 point**
- ☐ Chain ratio method
 - ☒ Jury execution method
 - ☐ End use method
 - ☐ Econometric method
- 9) Which of the following is not a step in a sample survey? **1 point**
- ☐ Selecting sample size
 - ☐ Developing questionnaire
 - ☒ Resource planning
 - ☐ Scrutinizing
- 10) Which of the following is a limitation of TOPSIS? **1 point**

- ☐ It can only handle binary decision problems
- ☒ It assumes all criteria are equally important
- ☐ It requires a large amount of computational resources
- ☐ It is not suitable for multi-objective optimization

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers