Unit 2 - Week 1
Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-13, 23:59 IST.

1) For which of the following problems is Analytic Hierarchy Process typically used? 1 point
   - Sorting
   - Description
   - Choice
   - Ranking

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Ranking

2) The other name for 'behavior decision research' is: 1 point
   - Descriptive analysis
   - Normative analysis
   - Prescriptive analysis
   - None of the above

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Descriptive analysis

3) Which of the following is not an example of MADM method? 1 point
   - Value based theories
   - De novo programming
   - Outranking methods
   - VIKOR

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   De novo programming

4) The pairwise comparisons are generally evaluated on which fundamental scale? 1 point
   - 1-5 scale
   - 1-9 scale
   - 1-100 scale

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   1-9 scale

5) Which among the following is a value-based method? 1 point
6) Which of the following parameters are defined in the case of TOPSIS?  
- Indifference threshold
- Ideal and anti-ideal options
- Veto threshold
- Preference threshold

No, the answer is incorrect.
Score: 0
Accepted Answers:
Multiple Attribute Utility Theory

7) Which among the following is not a MODM method?  
- Multiple criteria multiple constraints level
- Data envelopment analysis
- De novo programming
- Elimination Et Choice Translating Reality

No, the answer is incorrect.
Score: 0
Accepted Answers:
Elimination Et Choice Translating Reality

8) Which of the following scale is preferred when computing pairwise comparisons between criteria and alternatives in AHP?  
- Nominal scale
- Ratio scale
- Ordinal scale
- Interval scale

No, the answer is incorrect.
Score: 0
Accepted Answers:
Ratio scale

9) What is the number of necessary comparisons for a comparison matrix having 6 criteria/alternatives?  
- 30
- 36
- 15
- 18

No, the answer is incorrect.
10. Indicate the incorrect statement with respect to comparison matrix:

- It displays the pairwise comparisons between criteria
- Number of necessary comparisons for each comparison matrix is given by \([(n^2)-n]\), where \(n\) is the number of alternatives or criteria
- The matrix is reciprocal in nature
- All comparisons on the diagonal are equal to 1

*No, the answer is incorrect.*

Score: 0
Accepted Answers:

*Number of necessary comparisons for each comparison matrix is given by \([(n^2)-n]\), where \(n\) is the number of alternatives or criteria*