Assignment 9

Due on 2020-04-01, 25:59 HKT

1. In Moving Average method of forecasting, we will find the first data point and follow the first data point for the purpose of calculating the average.
   A) True
   B) False
   
   Answer:
   
   2 points

2. In Weighted Moving Average method of forecasting, we keep the weight of the first data point and follow the weight of the first data point for the purpose of calculating the average. The weight keeps on changing.
   A) True
   B) False
   
   Answer:
   
   2 points

3. In exponential smoothing method of forecasting, is the smoothing constant value is between 0 and 0.5?
   A) True
   B) False
   
   Answer:
   
   2 points

4. Seasonality index helps to seasonally adjust the actual demands in the time series.
   A) True
   B) False
   
   Answer:
   
   2 points

5. Once a forecasting is done, the seasonal index is again brought back to serve as the actual forecasted demand.
   A) True
   B) False
   
   Answer:
   
   2 points

6. Regression is used to:
   A) Forecast demand
   B) Find correlation between two ratios of data
   C) Find autocorrelation
   D) None of the above
   
   Answer:
   
   2 points

7. In MAD, the MAD is referred to:
   A) Mean absolute deviation
   B) Mean coefficient of variation
   C) Median signal
   D) Standard of measurement
   
   Answer:
   
   2 points

8. In ARIMA, a) mean value is given to qualitative preference patterns
   B) we need to convert them to the means
   C) all of the above
   D) some of the above
   
   Answer:
   
   2 points

9. In TOPSIS, a) separation measure of each ideal alternative is calculated
   B) separation measure of each negative ideal alternative is calculated
   C) all of the above
   D) some of the above
   
   Answer:
   
   2 points

10. In VIKOR, the VIKOR method is used where:
    A) making and valuating from a set of alternatives in the presence of conflicting criteria
    B) making and valuating from a set of alternatives in the presence of similar criteria
    C) making based on priorities
    D) none of the above
    
    Answer:
    
    2 points