Assignment 10

Due on 2020-04-03, 23:59 IST.

1) The time by which activity completion time can be delayed without affecting the start of succeeding activities, is known as _______.
   a) Duration
   b) Free float
   c) Total float
   d) Interfering float
   1 point

2) Forecasting is a demand or a sale based on subjective estimates of the events.
   a) Based on the highest and lowest management estimates
   b) Based on the past trend and experience of the manager
   c) Based on scientific and mathematical studies
   d) All of the above
   0 points

3) Seasonal demand is in connection with forecasting shows _______.
   a) Cyclic variation in demand
   b) Continuously decreasing variation in demand
   c) Continuously decreasing variation in demand
   d) No variations
   1 point

4) A forecasting method in which a method is selected is _______.
   a) Moving average method
   b) Weighted moving average method
   c) Simple moving average method
   d) None of the above
   1 point

5) A method based on qualitative approach of forecast is _______.
   a) Delphi
   b) None
   c) Moving averages
   d) Linear regression
   1 point

6) A forecasting method in which the error in forecasting of recent data is _______.
   a) Exponential smoothing method
   b) Statistical method
   c) Delphi
   d) None
   1 point

7) Forecast the demand for fifth week using exponential smoothing method for the below given data. Consider the weights as 0.4, 0.3, 0.3, 0.2 and 0.1. _______.
   1 point

<table>
<thead>
<tr>
<th>Week</th>
<th>Demand</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>39</td>
</tr>
<tr>
<td>2</td>
<td>44</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
</tr>
<tr>
<td>4</td>
<td>45</td>
</tr>
<tr>
<td>5</td>
<td></td>
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</tbody>
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8) The forecast technique which is used to forecast in which the forecast of the Future and March were 110 and 120, whereas forecasted demand were 102 and 125, respectively. Exponential smoothing constant is 0.3. What is the exponential error of sales in April? _______.

9) Time series based forecasting method is _______.
   a) Trend analysis forecasting method
   b) Exponential smoothing
   c) Autoregressive moving average
   d) All of the above
   1 point

10) A smoothing method _______.
    a) Exponential smoothing method
    b) Statistical method
    c) Delphi
    d) None
    1 point