

Mid-West University
Examinations Management Office
Surkhet, Nepal

End Semester Examination 2080

B.Ed. Level /VI Semester

Sub: Data Modeling (Math 461)

Roll No.

Group 'A'

10×1=10

Tick (✓) the Best Answer.

1. What is the relationship among total sum of squares (SST), regression sum of squares (SSR) and error sum of squares (SSE)?
 - a. $SST = SSR - SSE$
 - b. $SST = SSR + SSE$
 - c. $SSR = SST + SSE$
 - d. $SSE = SSR + SST$
2. SQC stands for :
 - a. Statistical Quantity Control
 - b. Statistical Quantity Code
 - c. Statistical Quality Code
 - d. Statistical Quality Control
3. Which one of the followings is not the method of forecasting?
 - a. Secular Trend
 - b. Native Approach
 - c. Moving Average
 - d. Exponential smoothing
4. The objective of seasonal variation is :
 - a. obtaining seasonal indices
 - b. deseasonalization of the data
 - c. both a) & b)
 - d. none a) & b)
5. Which one of the following statements is true?
 - a. Index numbers as Thermometer of the economics
 - b. Index numbers as Hectometer of the economics
 - c. Index numbers as Barometer of the economics
 - d. Index numbers as Lactometer of the economics
6. The notation p_{01} is noted that:
 - a. price index number for the current year w.r.t the base year.
 - b. price index number for the base year w.r.t the current year.
 - c. value index number for the current year w.r.t the base year.
 - d. quantity index number for the current year w.r.t the base year.
7. Seasonal variation is a regular periodic fluctuations that occurs within each
 - a. 4 months
 - b. 6 months
 - c. 12 months
 - d. Unlimited
8. According to the Global Gender Gap Report 2023, Nepal's gender parity score is
 - a. 0.592
 - b. 0.692
 - c. 0.792
 - d. 0.892
9. A circle is used to represent a ...
 - a. chance node
 - b. decision node
 - c. branch of tree
 - d. EMV
10. GER in Nepal reported in 2022 is
 - a. 125
 - b. 126
 - c. 127
 - d. 128