

Q.29 Write the advantages of Statistical Quality Control.

Q.30 Explain merit and demerit of Least Square Method.

Q.31 Define limitations of Regression Analysis.

Q.32 Define relationship between Correlation and Regression.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 Define Correlation. Give its importance in Statics.

Q.34 What is Index Number? Define the uses of Index Numbers.

Q.35 Explain the procedure for construction control chart for variable.

Q.36 Describe the merit and demerit of Time Series Method.

No. of Printed Pages : 4

Roll No.

124123/84123

2nd Sem. / Finance Account & Audit

Subject : Business Statistics - II

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

Q.1 Write the formula of Spearman's Rank Correlation Coefficient.

Q.2 Write formula of Simple Aggregated Method.

Q.3 Write formula of Laspeyres Method.

Q.4 Fisher Index Number satisfy

- a) Time Reversal Test
- b) Factor Reversal Test
- c) Both

Q.5 What is Base Year?

Q.6 When two variables changes in Constant proportion is called

(60)

(4)

124123/84123

(1)

124123/84123

- a) Linear Correlation
- b) Non Linear Correlation
- c) Partial Correlation

Q.7 Define Probable Errors?

Q.8 Cost of Living Index is also known as

- a) Industrial production Index
- b) Consumer Price Index
- c) Whole Sale Price Index

Q.9 Co-efficient of correlation lies between

- 1. 0 and +1 2. -1 and 0
- 3. -1 and +1

Q.10 Define upper control limit in SOC?

SECTION-B

Note:Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 Define Control Chart?
- Q.12 What is positive Correlation?
- Q.13 What is Non Linear Correlation?
- Q.14 What is Probable Error?

(2)

124123/84123

Q.15 What is Graphical Regression Line?

Q.16 What is Process Control?

Q.17 What is Cyclical Variation?

Q.18 Define Consumer Price Index?

Q.19 What is Inflation?

Q.20 Write the component of Time Series.

Q.21 Define Regression Lines.

Q.22 What is Semi Average Method?

SECTION-C

Note:Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 What is scattered diagrammed? Define its Merits.

Q.24 Define Merit and Demerit of Rank Correlation.

Q.25 Define Characteristics of Index Number.

Q.26 Explain any four limitation of Index Number?

Q.27 Explain the degree of Correlation.

Q.28 Define the objective of Time Series Method.

(3)

124123/84123