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Roll No.

224123

2nd Year / Fin., Acc.& Aud., Buisness Management
Subject : Business Statistics

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Quartile deviation is equal to

- a) $Q1 - Q3/2$ b) $Q1 + Q3/2$
- c) $Q3 - Q1/2$ d) $Q3 + Q1/2$

Q.2 Index number is used for :

- a) Fixed Price b) Constant Price
- c) Forecasting d) Different Price

Q.3 The total of all the observations divided by the number of observations is called:

- a) Arithmetic Mean b) Standard Deviation
- c) Mode d) Median

Q.4 What it is called when data source is collected from origin ?

- a) Secondary data b) Primary data
- c) Quantitative data d) Qualitative data

- Q.5 The square root of the average squared distance from the central value is :
- a) Variance b) Standard deviation
c) Median d) Quartile Deviation
- Q.6 What is the mode of the following numbers: 23, 45, 87, 40, 50, 40, 20, 22, 40
- a) 45 b) 23
c) 87 d) 40

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define Quartile deviation .
- Q.8 Define median .
- Q.9 Indirect oral investigation is used when the field of investigation is very limited (True/False)
- Q.10 Most commonly used index number is Price index number (True/False)
- Q.11 Statistics studies both qualitative quantitative variables.(True/False)
- Q.12 Define Secondary data.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What are the main sources of secondary data.
- Q.14 Explain the limitations of statistics.

- Q.15 Explain the type of diagrams to present the data.
- Q.16 What do you mean by presentation of data ?
- Q.17 Explain standard deviation and variance.
- Q.18 Explain the importance of statistics in business management.
- Q.19 What are the essential of a good average?
- Q.20 Explain the various methods of sampling .
- Q.21 What do you mean by standard deviation and variance?
- Q.22 Explain the uses of index number .

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Define primary data ? Enumerate the various methods of collecting primary data. Discuss the merits and demerits of any one of them .
- Q.24 What do you mean by central tendency ? Explain the various measures of central tendency in detail.
- Q.25 What do you mean by statistics ? Explain the features and scope of statistics in detail.