Q.19 Define the following with formula

I) Range

ii) Quartile deviation

Q.20 Write meaning of Index number. Also write its 3 advantages.

Q.21 Write the formula of any two methods of calculate index number.

Q.22 Write meaning of tabulation. Also write 3 importance of tabulation.

SECTION-D

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

Q.23 Define Statistics. Explain the scope of statistics in business management.

Q.24 Explain the following

I) Mean

ii) Median

iii) Mode

iv) Mean Deviation

Q.25 Discuss presentation of data. Explain different types of Graphs.

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Roll No. ....

2nd Sem / Fin., Acc. & Aud, Business Management

Subject : Business Statistics

Time : 3 Hrs.   M.M. : 60

SECTION-A

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

Q.1 Which of the following is a branch of statistics?

a) Descriptive statistics

b) Inferential statistics

c) Industry statistics

d) Both A and B

Q.2 Which one of the following is a relative measure of dispersion?

a) Standard Deviation

b) Variance

c) Co-efficient of variation

d) None of the above

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Q.3 Which of the following are the characteristics of a data?

a) Numerically expressed

b) Aggregation of facts

c) Affected by various cause

d) All of the above

Q.4 Which of the following is the tool of measure of the variation of the items?

a) Mean   b) Dispersion

c) Mode   d) Hypothesis

Q.5 The Scale in which data can be arranged in an order but we can't do any mathematical operation is called

a) Nominal Scale   b) Ordinal Scale

c) Interval Scale   d) Ratio Scale

Q.6 Which of the following is a measre of central tendency?

a) Mean   b) Dispersion

c) Correlation   d) Hypothesis

SECTION-B

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

Q.7 Mean is a type of_____ (mathematical Average/ Positional Average)

Q.8 Classification of respondents only on the basis of gender is an application of_____ (Ordinal Scale / Nominal Scale)

Q.9 Geometric mean is a measure of central tendency. (True/False)

Q.10 In index number base year is always taken as 200. (True/False)

Q.11 Standard Deviation is an absolute measure of dispersion. (True/False)

Q.12 Newspaper is a source of Primary data. (True/False)

SECTION-C

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

Q.13 Define Statistics. List 3 characteristics of statistics.

Q.14 Define Sampling. Name 3 methods of Sampling.

Q.15 Define Data. Mention different types of Data.

Q.16 Write meaning of Secondary data. Name 4 sources of secondary data.

Q.17 Write meaning of dispersion. Also mention 4 objectives of dispersion.

Q.18 Write 4 Essentials of a good average.