Q.25 Explain any four methods of Collecting Primary Data.

Q.26 Explain in brief

    i)    Diagrams        ii)    Graphs

Q.27 Write four merits of time series analysis.

Q.28 Explain in brief

    i)    Geometric mean    ii)    Mode

Q.29 Write four methods of sampling.

Q.30 Write the methods used in the time series analysis.

Q.31 Explain different types of Graphs.

Q.32 Write four differences between mean and mode.

Q.33 Write different types of Index Number.

## SECTION-D

**Note:** Long answer type questions. Attempt any three questions out of four questions. (3x8=24)

Q.34 Describe Business Statistics. Write its advantages and limitations.

Q.35 Define Tabulation. Explain its merits and demerits.

Q.36 Define Central Tendency. Explain different types of Averages.

Q.37 Define time series Analysis. Describe its components also explain its methods.

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## 1st Year / FAA

### Subject:- Business Statistics

Time : 3Hrs.        M.M. : 90

### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (9x1=9)

Q.1 The term statistics is used in

    a)    Plural sense    b)    Singular sense

    c)    Both a and b    d)    none of the above

Q.2 Statistics can be used in

    a)    In economics    b)    In management

    c)    In social sciences    d)    all of the above

Q.3 Methods of collecting primary data

    a)    Magazines

    b)    Publication of research institute

    c)    Through questionnaire

    d)    Govt. publications

Q.4 Methods of collecting secondary data

    a)    Magazines

    b)    Publication of research institute

    c)    Govt. publication

    d)    all of the above

Q.5 Methods of presentation of data
a) Tabular presentation
b) Diagrammatic presentation
c) Graphic presentation
d) all of the above

Q.6 The type of instrument used in surveys is _____
a) Questionnaire    b) Observation
c) Both a and b    d) None

Q.7 Selection of sample items is based only on chance in
a) judgement sampling  b) Random sampling
c) Stratified sampling  d) none of the above

Q.8 Positional average is
a) Median    b) Arithmetic mean
c) None of the above   d) both a and b

Q.9 Population with the number of members is defined in quantity called
a) infinite population
b) finite population
c) hypothetical population
d) none of the above

## SECTION-B

**Note:** Objective/Completion type questions. All questions are compulsory.                (9x1=9)

Q.10 Questionnaire is a method of primary data collection. (True/False)

Q.11 In random sampling selection of every sampling unit is based on judgement. (True/False)

Q.12 Mean is a type of Positional average. (True/False)

Q.13 If we use the data collected by some other person it is known as Primary data collection.(True/False)

Q.14 Primary data method involves more time and more expenses. (True/False)

Q.15 Govt. Publications is a source of secondary data. (True/False)

Q.16 Cluster Sampling is a type of sampling method. (True/False)

Q.17 Median is a type of Positional average. (True/False)

Q.18 Geometric mean is a type of average. (True/False)

## SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions.        (12x4=48)

Q.19 Explain four functions of statistics.

Q.20 Describe any four methods of collecting secondary data.

Q.21 What are the essential elements of tabulation?

Q.22 Describe any four types of Diagrams.

Q.23 Explain four limitations of statistics.

Q.24 Write essential elements for preparing a Good Questionnaire.