

- Q.22 Write Four Merits of Questionnaire Method.
  - Q.23 Write Four Difference Between Mean And Median
  - Q.24 Give Four examples of Secondary Data collection.
  - Q.25 Explain different types of Diagrams.
  - Q.26 Explain different types of Graphs.
  - Q.27 Explain Four Demerits of Questionnaire Method
  - Q.28 Explain Four Limitations of Statistics
  - Q.29 Write Four Difference between Primary and Secondary Data
  - Q.30 Write Four Methods of Sampling
  - Q.31 Write Short Note About Mean And Mode
  - Q.32 What is Time Series Analysis. Write its Merits.
  - Q.33 What is Index Number? Write four uses of Index Number.

## **SECTION-D**

**Note:** Long answer type questions. Attempt any three questions out of four questions.  $(3 \times 8 = 24)$

- Q.34 What is Business Statistic? Describe the application of Business Statistics.

Q.35 Describe Essentials and Types of Tables.

Q.36 What is Mean, Median and Mode. Write its Uses.

Q.37 What is Time Series Analysis? Explain its Components.

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M.M. : 90

## **SECTION-A**

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

- 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 Methods of primacy data are

  - a) Questionnaire
  - b) direct interview
  - c) Both A and B
  - d) None of the above

Q.3 If the population size is large then sample size should be.

  - a) Small
  - b) Large
  - c) Raw
  - d) None of the above

Q.4 In a random number table every digit has been entered.

  - a) Randomly
  - b) Chronologically
  - c) Sequentially
  - d) None of the above

Q.5 Questionnaire is a method of \_\_\_\_\_ collection.  
a) Secondary data      b) primary data  
c) both a and b      d) none of the above

Q.6 Calculate mean for the data  
17, 25, 33, 20, 15  
a) 24                          b) 22  
c) 25                          d) 20

Q.7 Calculate median for the series  
11, 13, 15, 17, 19, 21, 23, 25, 27  
a) 27                          b) 23  
c) 19                          d) 17

Q.8 Calculate mode for the data  
23, 25, 29, 23, 17, 29, 31, 23, 15, 17  
a) 17                          b) 15  
c) 29                          d) 23

Q.9 The first step in tabulation is \_\_\_\_\_  
a) Classification      b) Footnotes  
c) Editing                    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 \_\_\_\_\_ Collection.  
a) Secondary data      b) primary data

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Q.11 Magazines are the source of \_\_\_\_\_ collection  
a) secondary data      b) primary data  
Q.12 Mean is also known as \_\_\_\_\_  
a) Average                    b) mode  
Q.13 \_\_\_\_\_ is a Positional average.  
a) Median                    b) arithmetic mean  
Q.14 \_\_\_\_\_ Sampling method is based on chances  
a) Judgement                b) Random  
Q.15 In finite population number of members are \_\_\_\_\_  
a) Definite                    b) Infinite  
Q.16 In \_\_\_\_\_ sampling method investigator use his judgement while selecting sampling unit.  
a) Random                    b) judgement  
Q.17 Newspaper are the source of \_\_\_\_\_ collection  
a) secondary data      b) primary data  
Q.18 In \_\_\_\_\_ sampling large group is divided in different clusters.  
a) Quota                      b) Cluster

## 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 Essentials of Good Questionnaire

Q.21 Explain Concept of Direct Personal Investigation.

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