1st Year / DBM

Subject : Basics of Statistics

Time : 3 Hrs.   M.M. : 60

SECTION-A

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

Q.1   Find the mean of data 3,4,6,7

a) 6   b) 5

c) 7   d) 4

Q.2   The primary data is gathered through

a) Survey   b) Experiment

c) Both a & b   d) None of these

Q.3   A set of observations recorded at an equal interval of time is called

a) Array data   b) Data

c) Geometric Series   d) Time series

Q.4   The process of presenting data in the form of a table is called

a) Organisation   b) Classification

c) presentation   d) Tabulation

Q.5 The other name of Pie Diagram is

a) Circular diagram   b) Bar

c) Histogram   d) Polygon

Q.6 The most attractive method of data presentation is

a) Diagrammatic   b) Textual

c) Tabular   d) Either A or B

SECTION-B

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

Q.7 The most repeated term in a series is called_____

Q.8 Mode of the data 2,3,2,4,2,3,2,4 is_____.

Q.9 Organisation of data in rows and columns is called_____.

Q.10 The first step in tabulation is_____.

Q.11 _____ and_____ are types of data.

Q.12 The word statistics has been derived from the word _____.

SECTION-C

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

Q.13 Define statistics. What is the importance of statistics in business management?

Q.14 What is data. Explain various types of data.

Q.15 What are the essentials of a good questionnaire?

Q.16 Explain in brief the types of graphs.

Q.17 Define Diagram. Write its merits and demerits.

Q.18 Explain the components of time series.

Q.19 Find the mean and median of

x: 3   4   6   7

y: 2   5   4   3

Q.20 Define tabulation. What are the types of tabulation?

Q.21 Define mode. Write its merits and demerits.

Q.22 Explain any one method of collection of primary data.

SECTION-D

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

Q.23 Find the mean and mean deviation of 3,4,6,5,2.

Q.24 Differentiate between primary and secondary data.

Q.25 Explain the source of collection of secondary data.