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186717/031324/1324N

Roll No.

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Q.24 What points should be kept in mind while drafting a good questionnaire?

Q.25 Explain Diagram with its merits and demerits.

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 6,4,2,3,5.

Q.2 Median of 11, 10, 9, 8, 4 is

Q.3 Which of the following is not a source of collection of primary data?

- a) Direct personal investigation
 - b) Indirect Oral investigation
 - c) Published Sources
 - d) Questionnaire Method

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Q.4 The principle component of a table is:

- a) Table number
- b) title
- c) Head note
- d) All of these

Q.5 Which of these is not a measure of central tendency?

- a) Mean
- b) Mode
- c) Median
- d) Range

Q.6 Graph of time series is called:

- a) Line graph
- b) Trend
- c) Histogram
- d) Historogram

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. $(6 \times 1 = 6)$

Q.7 The most repeated term in a data is called _____.

Q.8 Mode of the data 2,3,2,4,2,3 is _____.

Q.9 _____ is a type of bar diagram.

Q.10 _____ and _____ are the methods of measuring central tendency.

Q.11 _____ and _____ are types of data.

Q.12 The middle observation in an arranged set of data is called _____.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. $(8 \times 4 = 32)$

Q.13 Define data. Explain its two types.

Q.14 What is indirect oral investigation ? Write its advantages.

Q.15 Explain the types of graphs.

Q.16 What is a table? Explain the essentials of a table.

Q.17 List out the advantages and disadvantages of time series.

Q.18 Define statistics. What is the importance of statistics in business management?

Q.19 Find the mean and median of 4,6,2,3,1,8,5.

Q.20 Differentiate between primary and secondary data.

Q.21 Mention the components of time series.

Q.22 State the merits and demerits of mean.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 8 = 16)$

Q.23 Find the mean and standard deviation of the data

X:	5	7	9	10	12	15
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F:	8	6	2	2	2	6
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