

- Q.23 What is central Tendency / Average.
- Q.24 Write any four merit of arithmetic mean?
- Q.25 Explain the degree of correlation.
- Q.26 Write any four characteristics of index number?
- Q.27 What are the difference between universe & sample
- Q.28 Explain the method of mode?
- Q.29 Write the function of Average method?
- Q.30 Explain the component of Times Series?
- Q.31 State four demerit of median describe the relationship between mean median & mode?
- Q.32 What is the difference between positive & negative corealtion?
- Q.33 What are the uses of whole sale price index number

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (3 x 8 = 24)

- Q.34 Define Medium? Explain its merit & demerit?
- Q.35 Describe the main problem which are faced in the construction of index number of prices.
- Q.36 Discuss the various methods of measuring arithmetic mean point out its merit & demerit?
- Q.37 Explain in detail the component of time series?

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Roll No.

First Year / Finance Account & Audit

Subject : Business Statistics

Time : 3 Hrs.

M.M. : 90

SECTION-A

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

- Q.1 Reliability of sampling data depends on
- size of sample
 - method of sampling
 - training of enumerators
 - all of these
- Q.2 For drawing lottery _____ sampling is used
- Random
 - purposive
 - stratified
 - quoto
- Q.3 Median divides a series into how many parts
- Two
 - Three
 - Four
 - All of these
- Q.4 Base year is also known as
- Current year
 - reference
 - periodic year
 - none of these

- Q.5 Which is not a method to find arithmetic mean
- Direct method
 - Short cut method
 - step deviation method
 - none of these
- Q.6 Which of the following is not type of non probability sampling
- Quota sampling
 - Convenience sampling
 - Snow ball sampling
 - stratified random sampling
- Q.7 A time series consist of
- Sort term variation
 - Long term variation
 - irregular variation
 - All of the above
- Q.8 The graph of time series is called
- Histogram
 - Straight line
 - historigram
 - Ogive
- Q.9 Which of the following is a type of mathematically average
- Median
 - Partition value
 - Mode
 - none of these

SECTION-B

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

- Q.10 Index numbers measures relative changes in the variable overtime (True/False)
- Q.11 In mean deviation, negative deviation are also treated as positive deviation (True/False)
- Q.12 Median is free from the effect of extreme value (True/False)
- Q.13 The title of a table must be provided at the bottom centre of the table (True/False)
- Q.14 Define median. (True/False)
- Q.15 Define control chart?
- Q.16 Write any one component of Time Series?
- Q.17 Cost of living index is also known as _____ consumer price index/ whole sale price index.
- Q.18 Define Mode.

SECTION-C

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

- Q.19 State the utilities of index number
- Q.20 Mention four main merit census method of sampling
- Q.21 Discuss the limitation of index number.
- Q.22 Explain the utility of time series.