

Business Statistics

Max. Marks:100

External Assessment: 80

Internal Assessment:20

Note: There will be eight questions in all. A candidate is required to attempt five questions including the question no. 1 which is compulsory. Question no. 1 will comprise of six short answer questions. All questions shall carry equal marks.

COURSE CONTENTS:-

Introduction, definition, scope, functions, importance, limitations and distrust of statistics; types of statistical methods; data collection and analysis; types of data: primary and secondary data; characteristics of a graph: types of graph and their merits and demerits.

Measures of central tendency: meaning and definition; Types of averages, median, mode, arithmetic mean, geometric mean, harmonic mean, quadratic mean, moving average, progressive average; relation between mean, median and mode.

Measures of dispersion and skewness: absolute and relative measures of dispersion range, quartile deviation, mean and standard deviation; difference between skewness and dispersion, empirical relation among various measures of dispersion, moments and kurtosis.

Sampling: introduction, census versus sample errors in sampling, types of sampling, judging reliability of sample. Business forecasting: meaning, steps in business forecasting and methods of forecasting

Index numbers: introduction, types of index numbers, methods of constructing index numbers, uses of index numbers.

Computation of above mentioned statistical techniques with Microsoft excel.

Suggested Readings:

D.NElhance

R.SBhardwaj

T.NSrivastava

S.CGupta

B.MAgarwal

Levine Business statistics- A first course Pearsoneducation

S.PGupta

Fundamental of statistics Kitabmahal

Business statistics ExcelBooks

Statistics for management McGrawHill

Fundamental of statistics Himalaya publishinghouse

Business statistics Sultanchand

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