

- Q.24 What is difference between co-relation & regression
 - Q.25 State the advantages of statically quality control
 - Q.26 Write important objective of time series method
 - Q.27 Explain the degree of co-relation
 - Q.28 What are uses of wholesale price index number
 - Q.29 State the merit of Rank-correlation coefficient
 - Q.30 Write a short note on regression line
 - Q.31 Explain the utility of time series
 - Q.32 Describe the various degree of correlation
 - Q.33 Describe the disadvantages of time series
 - Q.34 Write the various features of coefficient correlation
 - Q.35 Discuss the Limitation of Index number

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Discuss Karl Pearson's method of calculating coefficient of correlation give its merit & limitation

Q.37 Write a short note on

 - Positive correlation
 - rank method of correlation

Q.38 What is index number? Explain the uses of index number

No. of Printed Pages : 4
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2nd Sem./ Finance Account & Auditing Subject:- Business Statistics - II

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Relation between price and demand is

 - a) Positive
 - b) negative
 - c) one to one
 - d) none of these

Q.2 When two variable change in a constant proportion it is called

 - a) Linear correlation
 - b) non-linear correlation
 - c) partials correlation
 - d) none of these

Q.3 Whose formula is considered ideal for the construction of index number

 - a) Fishear's formula
 - b) Laspeyres formula
 - c) Paasche's formula
 - d) none of these

Q.4 Index number is always expressed in

 - a) Percentage
 - b) ratio
 - c) proportion
 - d) none of these

- Q.5 An index number is called a simple index when it is computed from
 a) Single variable b) two-variable
 c) multiple variable d) none of these
- Q.6 Decomposition of time series is called _____
 a) Histogram
 b) analysis of time series
 c) detrending
 d) none of these
- Q.7 Fishear's method of calculating Index number is based on
 a) Arithmetic mean b) harmonic mean
 c) Geometric mean d) none of these
- Q.8 If any regression co-efficient's value is zero the two variables are:
 a) Independent b) Qualities
 c) dependent d) none of these
- Q.9 Quality is _____ variability
 a) Opposite of b) Reciprocal
 c) Proportional d) none of these
- Q.10 In semi average method of time series we decide the data into
 a) Two pearls b) Two equal pearls
 c) always zero d) none of these

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SECTION-B

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 A rising index of price suggest arising level of economic activity
- Q.12 There is always a course & effect relationship between the two series showing high co-efficient of correlation(True/False)
- Q.13 A time series has four components(True/False)
- Q.14 What is positive co-relation
- Q.15 Define control chart
- Q.16 Definite relation between two or more than two group or series is called correlation (True/False)
- Q.17 What is base year
- Q.18 Define consumer price index
- Q.19 Define quality
- Q.20 Seasonality is the cyclic behavior of time series. (True/False)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 State the quality of a good base year
- Q.22 State the four principles Importance of index number
- Q.23 Discuss the component of time series

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