SECTION II
[TO BE ATTACHED TO THE MAIN ANSWER-BOOK]
B.COM DEGREE CBCS PRIVATE EXAMINATION, MARCH 2025
DO NOT WRITE YOUR REGISTER NUMBER OR NAME ANYWHERE IN THE SECTION II OF THE QUESTION PAPER
CO4CRT12MCQ - QUANTITATIVE TECHNIQUES FOR BUSINESS-II

Answer **all** questions.
All questions carry equal marks
Put a tick mark [✓] against the correct answer

1. The data of positive correlation when plotted on a graph paper gives

   (a) An upward curve   (b) A downward curve

   (c) Straight line parallel to x axis   (d) Straight line parallel to y axis

2. The values of negative correlation if plotted on a graph paper gives a

   (a) An upward curve   (b) A downward curve

   (c) Straight line parallel to x axis   (d) Straight line parallel to y axis

3. Which method of coefficient of correlation is popularly known as Pearsonian Co-efficient of correlation?

   (a) Sperman's Rank Correlation   (b) Concurrent Deviation Method

   (c) Least Square method   (d) Karl Pearson's Coefficient of correlation

4. The variable predicted on the basis of other variable is called.

   (a) Dependent variable   (b) Independent variable

   (c) Extraneous Variable   (d) Discrete variable

5. Correlation analysis aims at

   (a) Predicting one variable for a given value of the other variable   (b) Establishing relation between two variable and measuring the extent of relation

   (c) Establishing a mathematical relationship between two variables   (d) Predicting the value of the dependent variable

6. Correlation analysis is a _____ measure of the linear relationship between two variables.

   (a) Absolute   (b) Relative

   (c) Negative   (d) Positive

7. _____ is a device used to measure the relative change in the magnitude of a group of related variables in different situations.

   (a) Correlation   (b) Index Numbers

   (c) Regression   (d) None of the above

8. In quantity index number, current year quantity is denoted by _____ .

   (a) Q1   (b) P1

   (c) Q0   (d) P0

9. Index of current year price based on base year price is denoted by

   (a) P01   (b) P1

   (c) $\sum$P1   (d) P0

10. Which method of calculating index number assume that the quantities consumed in the base year and current year are same and weights are determined by the quantities in the base year?

   (a) Laspeyre's Method   (b) Paasche's Method

   (c) Fisher's Ideal Method   (d) Simple average of relative method

11. Which method is considered to be the ideal method of calculating index number.

   (a) Laspeyre's Method   (b) Paasche's Method

   (c) Fisher's Index Number   (d) none of these

12. Connecting of new series with ld series is called

   (a) Forward Splicing   (b) Backward Splicing

   (c) Old Spicing   (d) New Spicing

13. The two price indices P01 and P10 when multiplied, satisfies which of the following test?

   (a) Factor reversal test   (b) Circular Test

   (c) Time reversal test   (d) Order reversal test

14. _____ is a type of periodic movement where period is more than a year and variation is oscillatory in nature.

   (a) Secular trend   (b) Irregular variation

   (c) Long term trend   (d) Cyclical variation

15. _____ is also known as long term trend.

   (a) Secular trend   (b) Irregular variation

   (c) Seasonal trend   (d) Cyclical variation

16. Which model assumes that the observed value is the sum of four components of time series?

   (a) Mathematical model   (b) Additive model

(c) Multiplicative model   (d) None of these

17. Performance of a random experiment is called

   (a) Sample space   (b) Sample point

   (c) Event   (d) Trial

18. When a group of events include all possible outcomes of the random experiment, it is called

   (a) Exhaustive events   (b) Compound events

   (c) Independent event   (d) Dependent event

19. In how many ways can six persons be seated around a round table?

   (a) 6   (b) 12

   (c) 20   (d) 36

20. Relative frequency approach probabilities are calculated on the basis of _____ .

   (a) Future events   (b) Present Situations

   (c) Past experiences   (d) periodic events

_____

No. of MCQ's Attempted :   Marks Scored :
                                             (To be entered by the examiner)
   No. of MCQ's not Attempted :
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