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Maximum Weight : 5

MCQ—QUANTITATIVE TECHNIQUES FOR ECONOMIC ANALYSIS

Section II

[TO BE ATTACHED TO THE MAIN ANSWER-BOOK]

UG CBCSS INTERNAL EXAMINATION, JUNE 2026

DO NOT WRITE YOUR REGISTER NUMBER OR NAME ANYWHERE IN SECTION II OF THE QUESTION PAPER

*Answer **all** questions.*

All questions carry equal weight.

Put a tick mark [✓] in the column against the correct answer.

1. Which one of the following is line reversal list ?

(A) $01 \times 01 = \Sigma 11 \Sigma 00$.

☐

(B) $01 \times = 1$.

☐

(C) $01 \times 12 \times 20 = 1$.

☐

(D) $01 \times 10 \neq 1$.

☐

2. Which one of the following statement is correct ?

1 Laspeyres' index shows an upward bias.

2 Paastes' index shows an upward bias.

3 Laspeyres' index shows an downward bias.

4 Paasches' index shows an downward bias.

(A) 1 and 4.

☐

(B) 1 only.

☐

(C) 2 and 3.

☐

(D) 2 and 3.

☐

3. The weighted average of price relations using basic values as weights is same as the _____.

(A) Laspeyres quantity index.

☐

(B) Paasches' price index.

☐

(C) Laspeyres price index.

☐

(D) Kelly's price index.

☐

4. Which one of the following index numbers is based on Geometric Mean ?

(A) Laspeyres index number.

☐

(B) Fischer's index number.

☐

(C) Paasches index number.

☐

(D) Bowley's index number.

☐

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5. The price index that uses base year quantities as weights is called _____.

(A) Paasches index.

☐

(B) Laspeyres index.

☐

(C) Fischer's index.

☐

(D) Whole sale price index.

☐

6. Which of the following statement is not correct ?

Fishers' index :

(A) Lies between Laspeyres' (L) & Paasches' index.

☐

(B) Is the Arithmetic mean of L & P.

☐

(C) Is the Geometric mean of L & P.

☐

(D) Is equal to L or P if $L = P$.

☐

7. A lock-out in a factory for a month is associated with the Component of time series.

(A) Trend.

☐

(B) Seasonal variation.

☐

(C) Cyclic variation.

☐

(D) Irregular variation.

☐

8. Consumer price index number is constructed for :

(A) A well defined section of people.

☐

(B) Workers only.

☐

(C) All people.

☐

(D) All the above.

☐

9. Which one is not the test of index Number ?

(A) Unit test.

☐

(B) Time reversal test.

☐

(C) Triangular Test.

☐

(D) Factor reversal test.

☐



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10. Purchasing power of money.

(A) Price index $\times$ 100.

☐

(B) 100.

☐

(C) 100%.

☐

(D) Real wage.

☐

11. The method which is not used for estimating seasonal components of a time series.

(A) Ratio to trend method.

☐

(B) Link relative method.

☐

(C) Method of simple average.

☐

(D) Method of least squares.

☐

12. Paasches index number is based on :

(A) Base year quantity.

☐

(B) Current year quantity.

☐

(C) Day year quantity.

☐

(D) None.

☐

13. Given that correlation co-efficient $r = 0.8$, covariance of X and Y is 6 and variance of y is 9, then the standard deviation of X is :

(A) 2.

☐

(B) 1.

☐

(C) 2.5.

☐

(D) 3.

☐

14. Relation between two variables is determined by :

(A) Dispersion.

☐

(B) Mean.

☐

(C) Correlation.

☐

(D) Regression.

☐

15. Minimum value of correlation is :

(A) - 2.

☐

(B) - 1.5.

☐

(C) - 1.

☐

(D) 0.

☐

Turn over





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16. Co-efficient of correlation measure.

- | | | | |
|--------------------------------|--------------------------|-----------------------------|--------------------------|
| (A) Direction of the relation. | ☐ | (B) Degree of the relation. | ☐ |
| (C) Both (A) and (B). | ☐ | (D) None of the above. | ☐ |

17. As the value of X increases, if Y also increases, then co-efficient of correlation will be :

- | | | | |
|---------------|--------------------------|------------------------|--------------------------|
| (A) Positive. | ☐ | (B) Negative. | ☐ |
| (C) Zero. | ☐ | (D) None of the above. | ☐ |

18. As the value of X increases, if value of Y decreases, then co-efficient of correlation will be :

- | | | | |
|---------------|--------------------------|------------------------|--------------------------|
| (A) Positive. | ☐ | (B) Negative. | ☐ |
| (C) Zero. | ☐ | (D) None of the above. | ☐ |

19. In case co-efficient of correlation is positive, the curve representing the relation will be :

- | | | | |
|---------------------|--------------------------|-----------------------|--------------------------|
| (A) Upward sloping. | ☐ | (B) Downward sloping. | ☐ |
| (C) Vertical. | ☐ | (D) Horizontal. | ☐ |

20. Vertical curve represent the value of correlation co-efficient to be :

- | | | | |
|---------------|--------------------------|-----------------------|--------------------------|
| (A) Positive. | ☐ | (B) Negative. | ☐ |
| (C) Zero. | ☐ | (D) All of the above. | ☐ |

No. of MCQs attempted

Weight Scored

(To be entered by the examiner)

No. of MCQs not attempted

**ATTACH SECTION II INTERNAL EXAMINATION MCQ PAPER WITH
THE MAIN ANSWER-BOOK**

