

(6 pages)

Reg. No. :

Code No. : 5285

Sub. Code : ZESE 31

M.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2023

Third Semester

Economics – Elective

COMPUTER APPLICATION IN ECONOMICS

(For those who joined in July 2021–2022 onwards)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 1 = 10$ marks)

Answer ALL questions.

Choose the correct answer :

1. Microsoft word was first released in
(a) 1983 (b) 1985
(c) 1988 (d) 1990
2. The formatting options are available under _____ menu.
(a) Modify (b) Format
(c) Edit (d) File

3. Which type of data can be stored in the database?

- (a) Image oriented data
- (b) Text, Files containing data
- (c) Data in the form of Audio Video
- (d) All of the above

4. Which of the following is not a valid function in MS Excel?

- (a) SUM () (b) COUNT ()
- (c) SUBTRACT () (d) COUNTA ()

5. The graph of time series is called :

- (a) Historigram (b) Histogram
- (c) Straight line (d) Ogive

6. Lorenz curve was developed by

- (a) Max P.Lorenz (b) Max O.Lorenz
- (c) Max V.Lorenz (d) Max Z.Lorenz

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7. ANOVA is used to test the difference between _____.

- (a) Two (or) more means
- (b) One mean
- (c) Both (a) and (b)
- (d) None of the above

8. Which of the following is/are types of correlation?

- (a) Positive and Negative
- (b) Simple and Partial
- (c) Linear and Nonlinear
- (d) All of the above

9. The term "K-means" was first used by James MacQueen in _____.

- (a) 1961 (b) 1963
- (c) 1967 (d) 1969

10. Exponential smoothing is one of many window functions commonly applied to smooth data in _____.

- (a) Signal processing
- (b) Single processing
- (c) Multi processing
- (d) None of the above

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Narrate the steps to copy the document/text in the same file.

Or

- (b) Write the steps to create tables using MS Word.

12. (a) Explain the functions of MS Excel work sheet.

Or

- (b) State the properties of cell.

13. (a) Explain the Graph of Time series.

Or

- (b) Write a brief note on "Lorenz Curve".

14. (a) Indicate the arithmetic calculations with variables.

Or

- (b) Explain the uses of ANOVA.

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15. (a) Write the uses of Chi-square test.

Or

- (b) Explain the Auto regression.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Discuss the steps to add foot-note and end note in MS Word.

Or

- (b) How you can collapse (or) expand parts of a document?

17. (a) Briefly explain the different work book protection types in MS Excel.

Or

- (b) Enumerate the steps to add new rows and columns to an Excel Sheet.

18. (a) Explain in detail the steps to create an ogive for a data set in MS Excel.

Or

- (b) Describe the steps to make charts and graphs in MS Excel.

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19. (a) Explain the cross tabulation. How it works?

Or

- (b) Mention the uses of Multiple Regression.

20. (a) Illustrate the Hierarchical cluster.

Or

- (b) Analysis the Exponential smoothing.

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