

C 22227

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Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2022**

Econometrics and Data Management Programme

CSC 1 (2) C06—COMPUTER FUNDAMENTALS, MS EXCEL AND SPSS

(2021 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A

*Answer at least **eight** questions.*

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

1. Find the hexadecimal equivalent of the decimal number '2479'.
2. What is Google Scholar ?
3. Write a short note on data mining.
4. What are the different charts available in MS-Excel ?
5. How we can insert and delete a cell in Microsoft Excel ?
6. Write a short note on pivot tables ?
7. What is the use of recode function in SPSS ?
8. What are the different diagrams used for the representation of data in SPSS ?
9. What are the steps to take the transpose of the data in SPSS ?
10. Write short notes on mean and median.
11. What is co-efficient of variation ?
12. What is the use of mathematical package ?

(8 × 3 = 24 marks)

Turn over

Section B

*Answer at least **five** questions.*

Each question carries 5 marks.

All questions can be attended.

Overall Ceiling 25.

13. Compare one-way and two-way ANOVA.
14. Differentiate between cloud computing and mobile computing.
15. Write short notes on index and match function. What are the advantages of index and match functions over VLOOKUP function in excel ?
16. Explain the steps to calculate Sum and Average of numbers using formulas in MS Excel ?
17. Differentiate between data view and variable view in SPSS.
18. Explain the steps to merge variables in SPSS.
19. What is the Pearson rank correlation co-efficient ? How do we calculate it in SPSS ?

(5 × 5 = 25 marks)

Section C

*Answer any **one** question.*

The question carries 11 marks.

20. Write detailed notes on the following terms.
 - (a) Heterogeneous Storage ;
 - (b) E-Library ; and
 - (c) Data Analysis.
21. Write a detailed note on various non-parametric tests.

(4 + 3 + 4 = 11 marks)

[1 × 11 = 11 marks]