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Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Computer Science

CSC 3C 09—COMPUTER FUNDAMENTALS, MS EXCEL, SPSS

(2021 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A (Short Answer Type Questions)*Answer all questions.**Each correct answer carries a maximum of 2 marks.**Ceiling 20 marks.*

1. Name any 4 input devices.
2. Explain the representation of ASCII code.
3. What do you mean by secondary memory ?
4. What is a utility software ? Give example.
5. Explain absolute and relative cell reference in MS Excel with example.
6. Explain index() function in MS Excel.
7. What do you mean by variables in SPSS ? Give example.
8. Give the steps to plot a scatterplot in SPSS.
9. What is STDEV.S and STDEV.P in MS Excel ?
10. Mention the steps to perform Wilcoxon signed rank test in SPSS.
11. What is the purpose of Chi-square test ?
12. How to find transpose of data in SPSS ?

Section B (Short Essay Type Questions)*Answer all questions.**Each correct answer carries a maximum of 5 marks.**Ceiling 30 marks.*

13. Convert $(86.5)_{10}$ to binary, octal and hexadecimal number systems.
14. Explain laser printers with its advantages and disadvantages.
15. Explain mobile computing.

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16. Explain how we can format an Excel cell.
17. Explain sort and filter functions in MS Excel.
18. Explain the Output Viewer Window in SPSS.
19. Mention the steps in MS Excel to perform two-way ANOVA.

Section C (Essay Type Questions)

*Answer any **one** question, correct answer carries 10 marks.*

20. Explain the functions and types of operating system.
21. Explain in detail about e-libraries and the advantages of using it.

(1 × 10 = 10 marks)