

D 51770

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

Microbiology

MBG 3C 06/CSC 3C 09—COMPUTER FUNDAMENTALS, MS EXCEL, SPSS

(2020—2022 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. What is RAM ?
2. What is a trackball ?
3. What is a storage device ?
4. What is data mining ?
5. Mention any *four* mathematical functions in MS Excel.
6. Explain the match() function in MS Excel.
7. What do you mean by a case in SPSS ? Give example.
8. What is variable view in SPSS ?
9. What is a Syntax Editor Window ? How can you open it ?
10. How to perform descriptive statistics using SPSS ?
11. Mention the steps to perform one-way ANOVA in SPSS.
12. How will you calculate Pearson rank correlation coefficient in MS Excel ?

Turn over

Section B (Short Essay Type Questions)

Answer all questions.

Each correct answer carries a maximum of 5 marks.

Ceiling 30 marks.

13. Convert $(58.25)_{10}$ to binary, octal and hexadecimal number systems.
14. Explain Inkjet printers with its advantages and disadvantages.
15. Write notes on embedded systems.
16. Explain application and creation of pivot table in MS Excel.
17. Explain how to use a VLOOKUP function in MS Excel.
18. Explain the steps for importing data from other sources to SPSS.
19. Mention the steps to perform Kruskal-Wallis H test using MS Excel.

Section C (Essay Type Questions)

Answer any one question, correct answer carries 10 marks.

20. Explain basic components of a computer with a diagram.
21. Explain different types of cloud computing and services in cloud computing.

(1 × 10 = 10 marks)