

25U275

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Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2026

(FYUGP)

(Regular/Supplementary/Improvement)

CC24UBCA2FS112 - DATA ANALYSIS USING SPREAD SHEET

(Computer Application - SEC)

(2024 Admission onwards)

Time: 1.5 Hours

Maximum : 50 Marks

Credit: 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Provide the syntax of two arithmetic functions in Excel. [Level:3] [CO1]
2. Demonstrate cells, rows, and columns in a spreadsheet, and how do they interact with each other? [Level:3] [CO1]
3. Implement the steps to implement SUMIF function in Excel. [Level:3] [CO2]
4. Implement the HLOOKUP function in spreadsheet. [Level:3] [CO2]
5. Provide the importance of Subtotaling Data. [Level:3] [CO2]
6. Demonstrate the use of slicers with a pivot chart to filter data dynamically. [Level:3] [CO3]
7. Demonstrate the purpose of a Dual-Axis Chart in data visualization. [Level:3] [CO3]
8. Demonstrate and explain the concept of standard deviation and its significance in data analysis. [Level:3] [CO4]
9. Demonstrate and explain Goal Seek in Excel and explain its purpose. [Level:3] [CO4]
10. Demonstrate and explain DAX (Data Analysis Expressions), and its primary purpose. [Level:3] [CO4]

(Ceiling: 16 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. Demonstrate any 3 formatting methods in Excel. [Level:3] [CO1]
12. Provide the steps to use any Three Text functions in Excel. Provide example . [Level:3] [CO1]

13. Draw a line chart using the following data. Add a title and label the axes: [Level:3] [CO2]
- | | | | | | | |
|--------|---|-----|-----|-----|-----|-----|
| Months | : | Jan | Feb | Mar | Apr | May |
| Sales | : | 100 | 120 | 150 | 130 | 170 |
14. Demonstrate and explain the steps to create a pivot table and its advantages. [Level:3] [CO3]
15. Implement a pivot chart to visualize sales by category and region. [Level:3] [CO3]

(Ceiling: 24 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

16. Provide the purpose and uses of different data validation rules. Give steps. [Level:3] [CO2]
17. Demonstrate and explain the concepts of correlation and regression analysis. [Level:3] [CO4]
Provide examples.

(1 × 10 = 10 Marks)
