

QP Code: U25B068

Reg. No :

Name :

ST MARY'S COLLEGE (AUTONOMOUS), THRISSUR-20
II SEMESTER BCA (FYUGP) DEGREE EXAMINATION, MARCH 2025
BCA2FS112 : DATA ANALYSIS USING SPREAD SHEET
2024 Admission Onwards
(Credits: 3)

Time:1.5 Hours

Maximum Marks:50

Section A

Answer All. Each question carries 2 Marks. (Ceiling: 16 Marks)

1. Explain how a new cell can be inserted into an Excel sheet. [BTL2]
2. Explain CONCATENATE function. [BTL2]
3. Write the steps to merge cells in Excel. [BTL1]
4. What are the components of a chart? [BTL1]
5. Discuss on the features of Pivot chart. [BTL4]
6. What are slicers? Explain their features. [BTL4]
7. Differentiate between Category Axis and Value Axis of a chart. [BTL2]
8. Write down the steps to create a drop-down list in Excel. [BTL3]
9. Differentiate between DAX and SQL. [BTL4]
10. Analyse the various grouping options for Pivot Table Data in Excel. [BTL4]

Section B

Answer All. Each question carries 6 Marks. (Ceiling: 24 Marks)

11. What are Financial functions? Explain any three. [BTL1]
12. Explain the different types of COUNT functions available in Excel? [BTL2]
13. From the student table given below, fetch Steve's mark in English. [BTL3]
(Use appropriate function)

Student Name	Jack	Adam	Steve	Jim	Henry	Ralf	John	Jill
Marks in Science	64	75	82	65	65	42	56	78
Marks in Maths	87	52	68	32	72	60	61	49
Marks in English	79	40	61	46	66	71	56	89

14. What is Correlation? Explain the calculation of Correlation Coefficient in Excel. [BTL3]
15. What is Data Table? Explain the steps to create a Data Table in one variable. [BTL3]

Section C

Answer any one. Each question carries 10 Marks. (1x10=10 Marks)

16. Explain the basic components of an Excel sheet. [BTL2]
17. What is Data Analysis in Excel? Illustrate the basic methods of Data Analysis in Excel. [BTL5]
