

QP CODE: D2BCA2504		Reg. No :	
		Name :	
Second Semester (FYUGP) Degree Examination April 2026 (Regular/Improvement/Supplementary) Skill Enhancement Courses (SEC) BCA2FS112 : Data Analysis Using Spreadsheet (Credits: 3)			
Time: 1.5 Hours		Maximum Marks: 50	
Section A			
Answer the following questions. Each carries 2 marks (Ceiling: 16 marks)			
1.	What is the purpose of the DATE{} function?	BL2	CO1
2.	Describe how to change the font style in a cell.	BL2	CO1
3.	What does the PMT function in Excel calculate?What are its main inputs?	BL1	CO1, CO2
4.	How is the IFERROR function used to handle errors in a formula?	BL2	CO1, CO2
5.	Using the LEFT function, extract the first 5 characters from cell C3.	BL3	CO1
6.	What is a slicer in Excel?	BL2	CO4
7.	How can you analyze trends in sales data over time using a pivot chart?	BL2	CO3, CO4
8.	Discuss about the purpose of descriptive statistical methods in excel.	BL1	CO1, CO3
9.	Describe two real-life situations where Solver and analysis toolpack could be applied.	BL2	CO3
10.	Examine how using DAX can help improve complex calculations in a data model.	BL2	CO3
Section B			
Answer the following questions. Each carries 6 marks (Ceiling: 24 Marks)			
11.	Discuss arithmetic functions in excel with syntax and examples.	BL2	CO1
12.	Discuss the best practices for data cleansing and organizing.	BL2	CO2
13.	Explain combination charts and dual axis charts with examples.	BL2	CO4
14.	Create a Data Table to analyze how monthly loan payments change with varying interest rates and durations.	BL3	CO3
15.	Discuss the advantages of using pivot tables and pivot charts.	BL2	CO3, CO4
Section C			
Answer any one question. Each carries 10 marks (1 x 10 = 10 Marks)			
16.	Define spreadsheet. Discuss the features of spreadsheets.	BL1	CO1
17.	Discuss in detail conditional formatting using colour scale,top/bottom rules and cell rules with examples.	BL2	CO2
CO : Course Outcome BL : Bloom's Taxonomy Levels (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)			