

QP Code: D145134		Total Pages: 1	Name:
		Register No.	
SECOND SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION APRIL 2026			
DATA SCIENCE AND ANALYTICS			
DSA2CJ102 Data Visualization Techniques And Tools			
2025 Admission			
Maximum Time :2 Hours			Maximum Marks :60
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling : 20 Marks)			
1	Define data visualization.		
2	Define categorical data with example.		
3	Define data storytelling.		
4	Identify components of Power BI environment.		
5	List steps involved in data cleaning.		
6	Explain data refresh process.		
7	Define Tableau.		
8	Define calculated field.		
9	Explain highlight feature.		
10	Explain user interaction in dashboards.		
11	Explain spatial data representation.		
12	Define project report.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 30 Marks)			
13	Explain how data type influences visualization choice.		
14	Interpret data using scatter plot.		
15	Explain filter and slicer usage.		
16	Explain DAX functions.		
17	Explain storytelling importance.		
18	Explain data connection methods.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Create interactive report with filters.		
20	Evaluate dashboard usability.		