

QP Code: D136563		Total Pages:1	Name:
			Register No.
<b>FIRST SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION NOVEMBER 2025</b>			
DATA SCIENCE AND ANALYTICS			
<b>DSA1MN101 Introduction to Data Science and Analytics</b>			
<b>2025 Admission</b>			
<b>Maximum Time :2 Hours</b>		<b>Maximum Marks :70</b>	
<b>Section A</b>			
<b>All Questions can be answered. Each Question carries 3 marks (Ceiling: 24 Marks)</b>			
1	Define Data Science		
2	What is semi-structured data?		
3	What is geospatial data?		
4	What is data preprocessing?		
5	What is normalization?		
6	What is data pipeline?		
7	Define descriptive statistics		
8	What is outlier?		
9	Define supervised learning		
10	What is trend line?		
<b>Section B</b>			
<b>All Questions can be answered. Each Question carries 6 marks (Ceiling: 36 Marks)</b>			
11	Differentiate Data Science and Data Analytics		
12	Explain categorical vs numerical data		
13	Explain data collection strategies		
14	Explain data transformation methods		
15	Explain graphical representation		
16	Explain histogram		
17	Explain forecasting		
18	Explain dashboards		
<b>Section C</b>			
<b>Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)</b>			
19	Discuss types of data with examples		
20	Explain correlation analysis		