

QP Code: D136560		Total Pages: 1	Name:
			Register No.
FIRST SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION NOVEMBER 2025			
DATA SCIENCE AND ANALYTICS			
DSA1CJ101- Introduction to Data Science			
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 Science.		
2	What is Datafication?		
3	Who is a Data Analyst?		
4	What is Data Science lifecycle?		
5	What is EDA?		
6	List stages of lifecycle		
7	What is modelling?		
8	What is Linear Regression?		
9	Define Decision Tree.		
10	Define data transformation.		
11	Define feature generation.		
12	What are wrappers?		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 30 Marks)			
13	Explain Data Science concepts.		
14	Describe Datafication.		
15	Explain Data Science lifecycle.		
16	Explain data visualization techniques.		
17	Explain k-NN algorithm.		
18	Explain Naive Bayes classifier.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
19	Explain pre-processing steps in detail.		
20	Explain ethical issues in Data Science.		