

Total No. of Questions – [2]

Total No. of Printed Pages: 1

G.R. No.	
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PAPER CODE	U124 - 315
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March 2024 (INSEM) EXAM

F.Y.B. TECH. (SEMESTER - II)

Branch : Artificial Intelligence and Data Science

COURSE NAME: Fundamentals of Data Science

COURSE CODE: ADUA12236

(PATTERN 2023)

Time: [40 mins]

[Max. Marks: 20]

(*) Instructions to candidates:

- 1) Figures to the right indicate full marks.**
- 2) Use of scientific calculator is allowed**
- 3) Use suitable data wherever required**
- 4) Solve any two sub questions from Question 1 and 2**

Question No.	Question Description	Marks	CO mapped	Blooms Taxonomy Level
Q.1	a) Identify the importance of a data driven decision making approach.	[5]	CO1	Remembering (L1)
	b) Describe Data Science Life Cycle with a suitable example.	[5]	CO1	Understanding (L2)
	c) List and Describe any 5 challenges in Data Science	[5]	CO1	Remembering (L1)
Q2	a) Explain key aspects of data cleaning and data preprocessing.	[5]	CO2	Understanding (L2)
	b) Compare Structured and Unstructured data with examples.	[5]	CO2	Understanding (L2)
	c) Describe the techniques of data collection in Data Science.	[5]	CO2	Understanding (L2)

