

**TIME:-1Hours**

**Max.Marks-15**

**CO1:** Analyze the dataset and perform Descriptive Statistics

**CO2:** Analyze the dataset and perform an Inferential Statistics

**CO3:** Apply linear regression on the given dataset

**CO4:** Apply the logistic regression on the given dataset

**CO5:** Create an interactive data visualization

*Instructions to the candidates:*

1) *All questions are compulsory.*

2) *Neat diagrams must be drawn wherever necessary.*

3) *Figures to the right indicate full marks.*

		<i>Question</i>	<i>Marks</i>	<i>Levels</i>
CO2	1	Analyze the given data set 6,2,3,1. Find out the Standard Deviation of given data set.	[3]	L4
CO2	2	Distinguish Normal Distribution and Standard Normal Distribution.	[3]	L3
CO2	3	Explain Inferential Statistics in detail.	[3]	L2
CO3	4	Demonstrate the concept of simple Linear regression and Multiple linear regression	[3]	L2
CO3	5	Elaborate the terms 1) Correlation 2) Regression	[3]	L1