**CMR INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**III Year – I Sem CSE (B & D Section)**

**DMDA-LAB**

**MID-II QUESTION PAPER**

**DATE: .11.2022**

Notes: Each student should answer one full question.

**Q1. (A) Write R program to find R-Mean, Median & Mode with the sample data.**

**(B)Write R program to find Analysis and Covariance with the sample data and visualize the regression graphically.**

**Q2. Write R program to find the following Regressions with the sample data and visualize the regressions graphically: (A) Linear Regression (B) Multiple Regression (C) Poisson Regression (D) Logistic Regression.**

**Q3. (A) Write R program to find Time Series Analysis with the sample data and visualize the regression graphically.**

**(B) Write R program to find Non Linear Least Square with the sample data and visualize the regression graphically.**

**(C) Write R program to find Decision Tree with the sample data and visualize the regression graphically.**

**Q4. Write R program to find the following Distribution with the sample data and visualize the linear regression graphically.**

1. **Normal Distribution (B) Binomial Distribution.**

**Q5. Write R program to do the following tests with the sample data and visualize the results graphically. (A) chai square test (B) t – test (C) f - test**