

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc. CS with CGS - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - VI

21UCGET6DS2 - Introduction to Data Science

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Discuss about R Markdown tool.
2. Mention the Uses and characteristics of GitHub.
3. Classify the R data types and objects.
4. Describe about reading and writing data in R.
5. Where to use Built-in Functions and User Defined Functions?
6. Infer What is code profiling?
7. Describe about Obtaining data from the web.
8. Conclude the concept of data visualization.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Illustrate the Types, Uses and Benefits of Version Control System.
10. Explicate Conditional Statements and Loop Statements with example.
11. Conclude about Simulation.
12. Prepare the Basics of data cleaning and making data.
13. Judge the types and tools required for Exploratory Data Analysis.
