ST.JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAM V SEMESTER **COMMERCE** Time: 2Hrs

COM-E1-5353(2) **BIG DATA ANALYTICS USING R** Max.Marks:50

w.e.f. 20AH Batch **PRACTICAL SYLLABUS**

**Course Outcomes: -**

* To demonstrate sum(), min(), max(), seq() functions using R.
* To load data into R.
* To manipulate data using grep(), toupper(), tolower() functions.
* To import data from text to excel using R.

1. Create a vector in R and perform operations on it.

2. Create integer, complex, logical, character data type objects in R and print their valuesand their class using print and class functions.

3. Write code in R to demonstrate sum(), min(), max() and seq() functions.

4. Write code in R to manipulate text in R using grep(), toupper(), tolower() and substr()functions.

5. Create data frame in R and perform operations on it.

6. Import data into R from text and excel files using read.table () and read.csv () functions.

7. Write code in R to find out whether number is prime or not.

8. Print numbers from 1 to 100 using while loop and for loop in R.

9. Write a program to import data from csv file and print the data on the console.

10. Write a program to demonstrate histogram in R.

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