

B.Sc. (Data Science) (NEP) Semester-II
BSCDS22 - R Programming

P. Pages : 1

Time : Two Hours



GUG/W/24/15262

Max. Marks : 40

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1. i) What is an Operator? Explain Basic Operator in R programming. 4
- ii) Explain data set and packages in R programming. 4
- OR**
- i) Write a note on importing and reading text files data into R studio. 4
- ii) Explain any two type of objects in R programming with example. 4
2. i) Explain conditional statements in R programming. 4
- ii) Explain plot() function with example. 4
- OR**
- i) Write a note on saving plots in R programming. 4
- ii) Explain use of for and while loop with example in R programming. 4
3. i) Write a note on scatter plots in R programming. 4
- ii) What is the use of tibble in R? 4
- OR**
- i) Explain parsing date and time function in R programming. 4
- ii) Explain data visualization technique in R. 4
4. i) What is Tidy data in R programming? Explain with example. 4
- ii) Explain magrittr package in R. 4
- OR**
- i) Who do we work with strings in R. 4
- ii) What are factors in data structure in R? 4
5. i) Explain filter and sorting operation of data frames in R. 4
- ii) Explain how to select and remove columns in a data frame. 4
- OR**
- i) How to join two data tables in R? 4
- ii) Explain uses of lubridate package in R. 4
