

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
Oct/Nov. -2019 - [NEW COURSE]
Programming With R For Data Science (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que-1 [A] Answer the following Questions. [03]

1. CSV Stands for_____.
2. Which function is use to get current working directory?
3. Full form of CRAN.

Que-1 [B] Answer the following question(Any Two) [06]

1. What is list in R programming?
2. What is Vector in R?
3. What is Dataset?
4. List out operators.

Que-1 [C] Answer the following question(Any One) [05]

1. Explain R Data Types.
2. Explain Data Frames in detail.

Que-2 [A] Answer the following questions. [03]

1. _____ function is used to generate factor in R.
2. V<- LETTERS[1:3] display_____.
3. Output of result <-format(23.590,digits = 2) is_____.

Que-2 [B] Answer the following question.(Any Two) [06]

1. Explain Repeat loop in R
2. Explain seq () function.
3. Explain format () function with example.
4. Explain if and else.

Que-2 [C] Answer the following question.(Any one) [05]

1. Explain strsplit () function with example.
2. What is factor? Explain in detail.

Que-3 [A] Answer the following questions. [03]

1. Which function is used to display all installed packages in R?
2. You can see the packages that are loaded with the _____ function?
3. Which function display current date and time?

- Que-3 [B] Answer the following questions.[Any one] [06]
1. What is the package? How to load the package?
 2. How to maintain packages in R?
 3. Explain search path.
 4. List format of date explain any three of them.
- Que-3 [C] Answers the following question.(Any one) [05]
1. How to install Packages in R? Explain.
 2. Explain date and time classes.
- Que-4 [A] Answer the following questions. [03]
1. Full form of JSON.
 2. R creates histogram using which function?
 3. .xlsx extension use to read which file type.
- Que-4 [B] Answer the following question(Any Two) [06]
1. How to write data into .CSV file?
 2. How to read JSON file in R programming?
 3. How to Creating the Scatterplot in R programming?
 4. Explain pie Charts.
- Que-4 [C] Answer the following question(Any one) [05]
1. Explain Bar Charts with example.
 2. Explain Histogram.
- Que-5 [A] Answer the following questions. [03]
1. What is data?
 2. Extension used for file written in R markdown?
 3. What is problem solving?
- Que-5 [B] Answer the following question.(Any Two) [06]
1. Explain data manipulation.
 2. How to summarized data in R?
 3. What is R Analytical Flow?
 4. Explain Qualitative and Quantitative Data.
- Que-5 [C] Answer the following question(Any one) [05]
1. Explain Big Data Analytics using R.
 2. Explain Report Generation in R.
