End Semester Examination, 2022

Semester - IV

Subject - BCA

R Programming

PAPER - SEC2T

Full Marks : 40

Time : 2 Hours

Group - A

1. ***Answer any three questions :***   **3x2=6**

a) What do you mean by Data-frames ?

b) What is the use of prompt ( )?

c) How can we compute linear regression in R ?

d) How do you install a package in R ?

e) How R differ from python ?

f) What is the functions of NaN ?

Group - B

Answer any two :   **2x4=8**

2. Write some advantages and disadvantages of R. 4

3. Explain with example R switch statement.   4

4. How to declare functions in R-language ?   4

Group - C

Answer any one :   **1x6=6**

5. What are the different data objects in R ? What do you mean by repeat looP ? What is a readline ( ) in R ? What is Recursion ?   2+2+1+1

(Turn Over)

6. How would you create a scatter plot-Using ggplot 2 package ? What is a white noise model and how can simulate it using R ? What are the use of cat ( )? 2+3+1