



THE AMERICAN COLLEGE, MADURAI
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Re-accredited (2nd Cycle) by NAAC with Grade “A”, CGPA – 3.46 on a 4-point scale
Backlog Arrear Examination, March 2021

BCA 3635

INTRODUCTION TO R LANGUAGE

Marks: 75

Time: 3Hrs.

Answer any FIVE of the questions

(5 X 15 = 75)

1. Explain “operators in R” with examples.
2. “Loop statements in R” explain with examples.
3. Discuss about Character and Mathematical Functions in R. Give examples.
4. Explain in detail about tapply(), apply() and vapply() functions in R with examples.
5. Write in detail about Bar chart, Box Plot and Pie Chart in R with example.
6. A) Define Big data. What are the chief characteristics of big data and explain 4V’s in big data.



7. B) Discuss about Virtualization with its different types.
