R16

Code No: 136CF

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, November/December - 2020
INTRODUCTION TO ANALYTICS (ASSOCIATE ANALYTICS -I)
(Common to CSE, IT)

Time: 2 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks
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1.a) Elucidate various usages of functions and loops in R. Outline their usage in a R Program using examples

   b) Elaborate on work management and Prioritization. [10+5]

2. Elaborate on the use case of how the effective communication skills and team work help individuals and organizations grow. [15]

3. Elucidate various steps in connecting R to NoSQL Database and visualize the students results from student database. [15]

4.a) Explain regression modeling and regression residuals.

   b) How to find residuals and plot them in R? [8+7]

5.a) What are the various problems related to businesses?

   b) Explain various steps of requirements gathering of data related to business objective. [7+8]

6.a) Explain the steps to read different files using R.

   b) Outline various aspects of time management and Adherence to Quality, standards. [7+8]

7. What are the various types of probability distributions? Elucidate any four probability distributions functions in R with examples. [15]

8.a) Compare SQL and NOSQL databases.

   b) Illustrate how R converter integrating Excel spread sheet with R. [5+10]

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