R15

Code: 15A05801

B.Tech IV Year II Semester (R15) Regular Examinations April 2019
DATA ANALYTICS
(Common to CSE & IT)

Time: 3 hours   Max. Marks: 70

PART – A
(Compulsory Question)
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1   Answer the following: (10 X 02 = 20 Marks)
   (a) What are outliers? Give examples.
   (b) State the central limit theorem.
   (c) List four salient features of NOSQL.
   (d) What is meant by autocorrelation?
   (e) What are vertical in business terminology?
   (f) What are smart utilities?
   (g) State two reasons for adherence to standards.
   (h) What are the issues in meeting requirements?
   (i) What are national occupational standards?
   (j) State the need for team work.

PART – B
(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2   Explain the various data types in R and describe the functions to read different files types.

OR

3   Explain the R functions for summarizing data.

UNIT – II

4   Describe regression modeling in R with an example.

OR

5   Explain R functions for correlation and autocorrelation.

UNIT – III

6   Describe the salient features of automotive systems and manufacturing systems.

OR

7   Discuss the approaches to understanding business problems.

UNIT – IV

8   Describe the issues to be handled in time management.

OR

9   Describe the strategies for work management.

UNIT – V

10   Explain the mechanism to impart effective communication skills.

OR

11   Discuss the significance of team work in a professional environment.

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