

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)

- 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.
