



Regulation R18

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code: 2P3FE

B.Tech III Semester Regular/Supplementary Examinations, February 2021

INTRODUCTION TO ANALYTICS

(Information Technology)

Maximum Marks: 70

Date: 17.02.2021 Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

1. How will you define R programming.
2. Differentiate urgent and important task.
3. Differentiate Random and Bivariate Random Variables
4. List the types of Probability Distribution.
5. Define NoSQL and State the benefits of NoSQL
6. Define a basic classification based on data model, with examples
7. Define OLS Regression .
8. List the Correlation Coefficients.
9. Define SMART
10. Sketch the decision making process.

Part-B

Answer All the following questions.

(10M X 5=50Marks)

11. Explain in detail about Understanding components of R.
OR
12. Write short notes on i) Time Management quadrants
ii) Service Level Agreements.
13. Discuss about Central Limit Theorem and Random walk.
OR
14. What is team? List the Team building fundamentals.

15. Describe the Common Etiquettes In Written Communication.

OR

16. Differentiate NoSQL and SQL in detail.

17. Explain briefly about Excel and R integration with R connector .

OR

18. Discuss about OLS Regression Modeling and residuals.

19. Explain Heteroscedasticity and test of Heteroscedasticity .

OR

20. List the Business intelligence components and explain how to drive business value.