



R18 Regulation

Subject code: 2E6EB

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A' Grade)

B.Tech VI Semester Supplementary Examinations, June/July 2023

INTRODUCTION TO ANALYTICS

(CSE)

Maximum Marks: 70

Date: 22.06.2023 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 List the Data types in R.
- 2 Explain R loops
- 3 Define Expected value?
- 4 What are the roles of a Team member?
- 5 Define Data set.
- 6 Write the differences of NO SQL and SQL
- 7 Explain Regression residuals
- 8 Define Multiple Linear Regression?
- 9 What is meant my Manufacturing?
- 10 Explain Smart Utilities

Part-B

Answer All the following questions.

(5X10M=50Marks)

- 11 a) Write in detail about reading data set and combining data set. [5]
b) Explain about Work Management and Prioritization [5]
- OR
- 12 a) Write short notes on Outliers? Discuss in detailed with example. [5]
b) Explain about Quality and Standard Adherence. [5]
- 13 a) What is Probability and explain with an example.
b) What is Professionalism? How to exhibit Professionalism? [5+5]
- OR
- 14 Explain about Central Limit Theorem [10]
- 15 a) Explain how SQL is used in R
b) Define and explain the term NOSQL [5+5]
- OR
- 16 a) Write the NO SQL database classification based on data model with examples
b) List the steps for connecting R to NO SQL database [5+5]

- 17 Explain the following: a)Correlation b)Auto correlation [5+5]
OR
- 18 What is Heteroscedasticity? Explain in detail [10]
- 19 Explain about Requirements Gathering related to a business [10]
OR
- 20 Explain the concept of Understanding systems and Engineering Design. [10]