



Regulation R17

Subject code: 1E8FD

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

B.Tech IV Year II Semester Supplementary Examinations, June 2022

PREDICTIVE ANALYTICS

(INFORMATION TECHNOLOGY)

Maximum Marks: 70

Date: 18.06.2022 Duration: 3 hours

Part-A

Answer all the following questions

(10x2M=20 Marks)

- 1 What for and why analytics required?
- 2 Describe the Places where Analytics is used?
- 3 How to Understand Logistic Regression and its components
- 4 Understand Sigmoidal Function
- 5 Define Regression and segmentation.
- 6 Define supervised and unsupervised learning
- 7 Write the Time series methods/ forecasting feature Extraction
- 8 Univariate stationary processes (ARMA) and forecasts
- 9 Write about Scope for the documents.
- 10 Write the Format for the documents

Part-B

Answer all the questions.

(5X10M=50Marks)

- 11 Describe in detail the applications of Analytics? [10]
OR
- 12 Explain in brief Various Analytics techniques? [10]
- 13 Describe briefly Logistic Regression and its components. [10]
OR
- 14 Discuss about. OLS and MLE. [10]
- 15 What is Decision Tree and why do we use Decision Tree? [10]
OR
- 16 What are various methods of creating a Decision Tree? [10]
- 17 Univariate Non- stationary, integrated processes (ARIMA) and forecasts. [10]
OR
- 18 Explain Components of Time Series. [10]
- 19 Explain Purpose for the documents. [10]
OR
- 20 Explain Scope for the documents. [10]