



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examination (December 2019)

School: School of Engineering

Program: BCA DATA SCIENCE

Course: Introduction to Data Science

Course Code: CSC233

Semester: III

Max Marks: 30

Duration (mins): 60 Min

- Note- 1. Figures to the right indicates full marks**
2. Attempt any three questions.

- Q1) a) What is Data Science? (2)**
b) Elaborately explain Data Science and Business Analytics. (4)
b) Define the following: (i) Dataset (ii) RStudio (4)
- Q2) a) Elaborately explain Descriptive Data Analytics. (5)**
b) Elaborately explain Prescriptive Data Analytics. (5)
- Q3) a) What is Machine Learning? (2)**
b) Explain with examples different categories of Machine Learning techniques. (8)
- Q4) a) List and explain all the four characteristics of data warehousing. (8)**
b) Differentiate between SQL and NoSQL. (5)
- Q5) a) Elaborately explain Data Science Project Lifecycle with a neat diagram. (10)**

***** ALL THE BEST*****