

T.E.(Computer Engineering)
DATA SCIENCE AND BIG DATA ANALYTICS
(2019Pattern) (Semester-VI)

1. State and Explain the characteristics of big data in details.
2. Explain with suitable example phases of Data analytics life cycle.
3. What is GINA? Explain in brief.
4. Write short note on Common Tools for the Model Building Phase
5. Explain in brief Textual ETL.
6. What is FP Explain in brief growth? Explain in detail.
7. Explain in brief Apriori algorithm.
8. Write short note on 1) Gini Index 2) Gain Ratio.
9. State and Explain the types of analytics in big data.
10. From following data points, what would be the fruit classification based on naïve Bayes classifier?

Fruit name	Yellow	Sweet	Long	Total Samples
Orange	450	350	0	650
Banana	500	400	350	400
Gauva	60	120	50	150

11. Differentiate between traditional BI tools and Tableau.
12. State and explain filters in Tableau.