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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (CSE/Artificial Intelligence & Machine Learning) (Sem.–5)

DATA VISUALIZATION USING TABLEAU

Subject Code : BTAI ML 505-20

M.Code : 93181

Date of Examination : 02-01-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. **Write briefly :**

- a. Application of data visualization
- b. Aggregation
- c. Histogram
- d. Gant Chart
- e. Data Joins
- f. One-dimensional unit charts
- g. Purpose of Filters
- h. Crosstab
- i. Dimension
- j. Encoding.

SECTION-B

2. Write down a note on the importance of data visualization,
3. Explain various steps involved in performing table calculations in Tableau.
4. Explain the purpose charts in detail by taking an example.
5. Explain in detail alternative approaches available to Pie Charts.
6. Write a note on the dashboard and distribution of Tableau.

SECTION-C

7. Explain in detail Key factors of data visualization and its types.
8. How do Tableau Maps help in better data visualization? Explain by taking an Example
9. Explain a note on models available for Data storytelling.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.