Dr. D. Y. Patil Institute of Management & Entrepreneur Development
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April - May - 2026

Total No. of Questions : 5]

SEAT No. :

PF-5659

[Total No. of Pages : 2

[6651]-36
S.Y. M.C.A.
MANAGEMENT
TAB-612-MJ : Tableau
(2024 Pattern) (Semester - III)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*
3) *Draw neat Diagram wherever necessary.*

Q1) **Solve any Two:** **[2 × 5 = 10]**

a) Discuss the key features and components of the Tableau Product Suite.

b) Describe the steps involved in connecting Tableau to various data sources.

c) Explain the importance of data transformation in Tableau for effective analysis.

d) Illustrate the different types of filters available in Tableau and their uses.

Q2) **Solve any Two:** **[2 × 5 = 10]**

a) Explain the key components of Tableau Data Architecture and their role in managing and processing data.

b) What are the different types of joins supported by Tableau? Explain each with a suitable example.

c) Explain data merging in Tableau with an example, highlighting how it helps in combining multilple data sets for analysis.

d) Differentiate between data blending and joins in Tableau, mentioning their key differences and use cases.

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Q3) **Solve any Two:** **[2 × 5 = 10]**

a) Explain the key components of a Tableau Dashboard and describe how each component contributes to effective data visualization.

b) Explain the use of motion charts in data visualization and how they help in analyzing trends over time.

c) Discuss the difference between fixed and automatic layouts in Tableau, highlighting when each layout should be used.

d) Explain the concept of "storytelling" in Tableau Dashboards and how it helps in creating interactive and meaningful data presentations.

Q4) **Solve any Two:** **[2 × 5 = 10]**

a) What is the difference between basic and advanced table calculations in Tableau? Explain with suitable examples.

b) Describe the process of building predictive models in Tableau, including the use of trend lines, forecasting, and integration with statistical tools.

c) Explain the concept of custom territories in Tableau mapping and how they are used to visualize region-specific data.

d) Differentiate between FIXED, INCLUDE, and EXCLUDE LOD (Level of Detail) expressions in Tableau with suitable examples to illustrate their applications.

Q5) **Solve any Two:** **[2 × 5 = 10]**

a) Explain the architecture of Tableau Server and evaluate its security features. How effective are these features in protecting sensitive enterprise data?

b) Explain the various user authentication methods available in Tableau Server and their role in ensuring secure access control.

c) Explain the need for regular backups and system monitoring in Tableau Server to maintain data integrity and operational reliability.

d) Explain the role of Tableau Service Manager (TSM) in configuring, managing, and maintaining Tableau Server operations.

