NEW HORIZON COLLEGE OF ENGINEERING

Internal Test Question Paper (AY: 2023- 2024) – EVEN Semester

DEPT: MCA
COURSE: BUSINESS INTELLIGENCE AND DATA ANALYTICS
DATE: 31-07-2024
CIE TEST: I
NOTE: All questions are compulsory

SEMESTER: II
COURSE CODE: 22MCA254

DURATION: 1 Hr.
MAX. MARKS: 25

Q#	Question	RBT Level	COs	POs& PSOs	Marks
Q1	Write short notes on measures and dimensions.				
	OR	L1	1	PO1,2, PSO2	5
Q2	Write short notes on continuous and discrete fields.				
Q3	Describe the need of data analytics.				
	OR	L1	1	PO1,2, PSO2	5
Q4	List the types of data sources that can be connected to Tableau and the steps involved in connecting to data using Tableau				
Q5	Explain the various types of filters with suitable examples.				
	OR	L2	1	PO1,2, PSO2	5
Q6	Explain left,right,full outer joins with suitable examples.				
Q7	Explain any 2 variations of the bar chart.				
	OR	L2	2	PO1,2.4, 5,11,12PSO2	5
Q8	Explain the purpose of Stack charts				
Q9	Illustrate min, max and count aggregate functions used in Tableau				
	OR	L3	2	PO1,2, 4, 5,11,12, PSO2	5
Q10	Identify the purpose of pie charts.				

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Internal Test Question Paper (AY: 2023 - 2024) – EVEN Semester

NOTE: All questions are compulsory

Q#	Question	RBT Level	COs	POs& PSOs	Marks
Q1	Explain how Tableau stores aggregated results in its cache during data visualization			PO1,PO2, PO4, PO5, PO11, PO 12, PSO2	5
	OR	L2	3		
Q2	Explain how to create and edit table calculations.				
Q3	Explain data densification.			PO1,PO2, PO4, PO5, PO11, PO 12, PSO2	5
	OR	L2	3		
Q4	Explain various ranking functions.				
Q5	Illustrate the variation between relative and fixed table calculations.			PO1,PO2, PO4, PO5, PO11, PO 12, PSO2	5
	OR	L3	3		
Q6	Illustrate the various Running functions.				
Q7	Explain the various objects required to design dashboards.			PO1,PO2, PO3,PO4, PO5,PO9, PO11,PO1 2,PSO2	5
	OR	L2	4		
Q8	Summarize the step-by-step process to build a view in Tableau				
Q9	Identify how trends can be visualised in Tableau.			PO1,PO2, PO4, PO5,PO11 ,PO12, PSO2	5
	OR	L4	4		
Q10	Identify the various components of Tableau that are used to create clusters.				

NEW HORIZON COLLEGE OF ENGINEERING
Internal Test Question Paper (AY: 2023 - 2024) – EVEN Semester

DEPT: MCA
COURSE: BUSINESS INTELLIGENCE AND DATA ANALYTICS
DATE: 19-09-2024
CIE TEST: III
NOTE: All questions are compulsory

SEMESTER: II
COURSE CODE: 22MCA254

DURATION: 1 Hr.
MAX. MARKS: 25

Q#	Question	RBT Level	COs	POs& PSOs	M
Q1	Explain the steps involved in creating a dashboard framework			PO1,PO2, PO3,PO4, PO5, PO9, PO11,PO1 2,PSO2	
	OR	L2	4		
Q2	Explain various set actions with examples.				
Q3	Analyse the procedure of visualising various distributions in Tableau			PO1,PO2, PO3,PO4, PO5, PO9, PO11,PO1 2,PSO2	
	OR	L4	4		
Q4	Examine the procedure of predicting future values based on past data and the visualisation with Tableau.				
Q5	Illustrate the significance of structuring the messy data			PO1,PO2, PO3,PO4, PO5, PO9, PO11,PO1 2,PSO2	
	OR	L3	5		
Q6	Illustrate slope and lollipop charts with examples.				
Q7	Describe how the application of mapping techniques improves geographic visualisation			PO1,PO2, PO3,PO4, PO5, PO9, PO11,PO1 2,PSO2	
	OR	L1	5		
Q8	Describe the steps involved in presenting a Tableau dashboard during a meeting				
Q9	Explain the various attributes to be considered while presenting tableau data stories online			PO1,PO2, PO3,PO4, PO5, PO9, PO11,PO1 2,PSO2	
	OR	L2	5		
Q10	Explain Tableau server and Tableau online.				