PRN:	Course Code:	AMT16032

Third Year AIML End Semester Examination Summer 2023

Data Visualization

Day and Date: Tuesday, 20/06/23 Max Marks: 100

Time: 10:30 to 1:30 pm Duration: 03hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	What is information visualization, explain with visual perception.	08	L1	CO1
	b)	Analyze visualization Reference model.	08	L4	CO1
		OR			
	b)	Explain visual analytics in data visualization.	08	L2	CO1
Q.2		**Attempt the following**			
	a)	Organize in detail classification of visualization.	08	L3	CO1
	b)	Apply Grouping and faceting for multidimensional data	08	L3	CO2
		OR			
	b)	Explain visualization of Text and text documents	08	L2	CO2
Q.3		**Attempt any two of the following**			
	a)	Analyze visualization of cluster with diagram.	08	L4	CO2
	b)	Apply visualization on networks with diagram	08	L3	CO2
	c)	Illustrate node link graph with diagram	08	L2	CO2
Q.4		**Attempt any two of the following**			
	a)	What is volumetric data &give visualization techniques for same.	08	L1	CO3
	b)	Explain vector field with types.	08	L2	CO3
	c)	Determine 3 main types of data in GIS with details?	08	L5	CO3
Q.5		**Attempt any two of the following**			
	a)	What are the 5 C's of data visualization?	09	L1	CO3
	b)	List out Four Phases Of Successful Benchmarking	09	L4	CO2
	c)	Evaluate data Visualization in detail?	09	L5	CO3
Q.6		**Attempt any Two of the following**			
	a)	Apply system visualization on systems also provide details.	09	L3	CO4
	b)	Illustrate Clearify™ Visualization System	09	L2	CO4
	c)	What are Data Visualization Tools? Explain Two of them.	09	L1	CO4

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