GIET UNIVERSITY, GUNUPUR – 765022

Ph.D. (Second Semester) Examinations, April – 2024

PPECS2021 – Data Visualization

(CSE)

Time: 3 hrs   Maximum: 70 Marks

The figures in the right-hand margin indicate marks.

Answer ANY FIVE Questions   (14 x 5 = 70 Marks)

		Marks
1.a.	Demonstrate the Types of Visual Perceptual Skills.	7
b.	Explain gestalt principles of visual perception.	7
2.a.	Explain in detail about Visual Data Mining.	7
b.	Differentiate between Correlation and Simple Linear Regression.	7
3.	Exemplify visualization on reference model.	14
4.	Provide a comparative study on types of visualization.	14
5.	Explore the Art of Effective Visualization of Multi-dimensional Data.	14
6.	Explain different types of 3D Visualization Techniques for Volumetric Data	14
7.a.	Explore the challenges of collaborative visualizations, Evaluating visualizations	7
b.	Discuss about GIS Data Visualization.	7
8.a.	What are the tools available to visualize network connections? Discuss.	7
b.	Describe with an example Geolocated data Visualization.	7

---End of Paper---