GIET UNIVERSITY, GUNUPUR – 765022

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

PPECS2014 /PPECA2014 – Data Preparation and Analysis

(CSE/CSA)

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.	Explain the concept of Data Gathering and Preparation.	8
b.	What are the Scalability issues in data preparation? Explain.	6
2.a.	Describe the process of preparing the data tables.	7
b.	Explain about cleaning the data.	7
3.a.	How to clean the Heterogeneous data? Explain.	7
b.	How to deal with the missing data in data cleaning process? Explain.	7
4.a.	What is Data transformation? Explain with an example.	7
b.	Describe Comparative statistics.	7
5.a.	Discuss about Segmentation in Data analysis.	7
b.	Describe the key properties of a data set.	7
6.a.	Discuss about K-means clustering.	7
b.	Explain in detail about Visualization in data mining.	7
7.a.	What is Visualization in Time series Data? Explain.	7
b.	Discuss about GIS Data Visualization	7
8.a.	Write in detail about Visual Data mining.	7
b.	How to choose the right visualization for your data? Explain.	7

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