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**School of Computing Science and Engineering**

Bachelor of Technology in Computer Science and Engineering

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem VI - R1UC617T - Data Mining and Web Algorithms**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Summarize preprocess the data? Discuss. K2 (2)
- 2) Illustrate the meaning of cluster analysis? K1 (3)
- 3) Classify the functionalities of data mining. K2 (4)
- 4) Classify the functionalities of Convolutional Neural Network ? K2 (6)
- 5) Discover in about schemas in multidimensional data model K3 (6)
- 6) Solve and explain various Schemas for Multidimensional Data Models K3 (9)
- 7) Illustrate the architecture of ANN K4 (8)
  
- 8) Illustrate about the different activation function of Neural Networks. K4 (12)

**OR**

Discuss about the Genetic Algorithms? What is the use of Genetic Algorithms? K4 (12)