

# School of Computing Science and Engineering

Department of Computer Application

Mid Term Examination

Exam Date: 03 Oct 2023

Time : 90 Minutes

Marks : 50

## Sem V - E1UE501B - Data Mining and Data Warehouse

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

- 1) Describe the Central Database and Data Integration. K2 (2)
- 2) Define ETL with neat diagram. K1 (3)
- 3) Summarize the functionalities of data mining. K2 (4)
- 4) Describe the data partitioning, random partitioning and intelligent partitioning. K2 (6)
- 5) Demonstrate the multidimensional data model. K3 (6)
- 6) Explain the architecture of typical data mining system. K3 (9)
- 7) Analyze the star schema in Data warehouse with diagram K4 (8)
  
- 8) Write an example where data mining is crucial to the success of a business. What data mining functions does this business need? Can they be performed alternatively by data query processing or simple statistical analysis? K4 (12)

**OR**

Examine the apriori algorithm. K4 (12)