School of University Polytechnic

Diploma in Computer Science and Engineering
Semester End Examination - Jun 2024

Duration : 180 Minutes
Max Marks : 100

Sem IV - N1DE401B - Data Mining and Warehousing

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)	Define the mining class of data set	K1(2)
2)	Explain the key components of the data warehouse process and technology.	K2(4)
3)	Illustrate the data warehouse application and trends	K2(6)
4)	Analyze the key considerations and challenges in mapping a data warehouse to a multiprocessor architecture.	K3(9)
5)	Anayze the difference between Database and data ware house	K3(9)
6)	Examine the OS and hard ware / software required for data warehouse	K5(10)
7)	Examine and describe in details about the data architecture of data warehouse	K4(12)
8)	Discuss the data generalization contribute to the process of data mining?	K5(15)
9)	Examine and Explain about the Three-tier data warehouse architecture with a neat diagram.	K5(15)
10)	Discuss the impact of cloud computing and containerization technologies on the deployment and management of parallel processing and cluster systems for data mining applications.	K6(18)