Name. _____	Printed Pages:01
Student Admn. No.: _____	

School of computer science and Engineering
Backlog Examination, June 2023
[Programme: BCA] [Semester: BCA All Sp. IV Sem   ] [Batch: 22-23]

Course Title: Data warehousing & mining	Max Marks: 100
Course Code: BCAC2401	Time: 3 Hrs.

Instructions:	1. *All questions are compulsory.*
	2. *Assume missing data suitably, if any.*

		K Level	COs	Marks
SECTION-A (15 Marks)		**5 Marks each**		
1.	Explain data mining as a step in knowledge discovery process.	KL1	COs1	5
2.	Define Data warehouse? Discuss Design principles.	KL2	COs2	5
3.	Differentiate between data retrieval and data mining.	KL3	COs3	5
SECTION-B (40 Marks)		**10 Marks each**		
4.	Analysis how prediction is difference from classification?	KL4	CO4	10
5.	Differentiate between the supervised and unsupervised learning.	KL3	CO3	10
6.	Describe the various mining techniques on complex data objects.	KL4	CO5	10
7.	Compare and contrast operational database systems with data warehouse. OR What is the importance of data marts in data warehouse?	KL3	CO3	10
SECTION-C (45 Marks)		**15 Marks each**		
8.	Explain data mining as a step in knowledge discovery process	KL4	CO5	15
9.	Investigate briefly about the Three-tier data warehouse architecture with a neat diagram.	KL4	CO6	15
10	Explain how to mine the multidimensional association rules from relational databases and data warehouses? OR List the various forms of data pre-processing.	KL4	CO6	15