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Roll No.:

322832(22)

B. E. (Eighth Semester) Examination, April-May 2021

(New Scheme)

(CSE Branch)

DATA MINING & WAREHOUSING

Time Allowed: Three hours

Maximum Marks: 80

Minimum Pass Marks: 28

Note: Attempt all questions. Part (a) of each question is compulsory. Attempt any two parts from (b), (c) and (d).

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1. (a) List out various characteristics of data warehouse.

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	(b)	Explain the three-tier data warehouse architecture			(c)	Describe various user classes with their working in	
		and its various components.	7			data warehousing.	7
	(c)	Compare and contrast operational database system			(d)	Mark a comparisons between the MOLAP and	
		with data warehouse.	7			HOLAP. pratti con pale en et mort en el	7
	` '	How many types of meta data in data warehouse?				Unit-IV	
		Explain in brief.	7	4.	(a)	Define Data Mining.	2
		Unit-II			(b)	What are the different clustering methods? Explain	
2.	(a)	Define Data Quality.	2		. ,	in detail.	7
	(b)	What do you mean by data mart? What are the			(c)	How does the Naive Bayesian classification work?	
		different types of data mart? Explain in detail.	7			Explain.	7
	(c)	Explain various steps of ETL process.	7		(d)	Discuss the various applications of association analysis	. 7
	(d)	Explain how OLAP technology helps in discovery				Unit-V	
		driven exploration of data cubes.	7	5.	(a)	List out various data mining applications.	2
		Unit-III the state with Unit-III			(b)	With a neat diagram explain the architecture of data	
3.	(a)	What are the objective of physical driven process?	2			mining.	7
	(b)	What is the significance of OLAP in data			(c)	What do you understand by web content mining?	
		warehouse? Describe OLAP operations with				Explain with an example.	7
		necessary example.	7				

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(d) Write short notes on following:	
(i) Temporal mining	
(ii) Spatial mining	
(iii) Trends in data mining	
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desis intributions of the contribution statistics	(d) Discussifies a
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"griding manner day web content unfulng"	(a) Whit do you