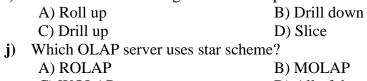
Enrollı	ment l	No:	Exam Seat No:						
		C.U.SHAH U. Summer Exam	NIVERSITY						
Subjec	Subject Name: Data Mining and Data Warehousing								
Subject Code: 4CS06BDD1		e: 4CS06BDD1	Branch: B.C.A.						
Semest	er: 6	Date: 05/05/2022	Time: 02:30 To 05:30	Marks: 70					
(2) (3)	Use of Instru Draw	of Programmable calculator & any or uctions written on main answer book neat diagrams and figures (if necessime suitable data if needed.	are strictly to be obeyed.	ohibited.					
Q-1	<b>a</b> )	Attempt the following questions: Which system that is used to process organization?	ss the day-to-day transactions o	(14)					
	<b>b</b> )	<ul><li>A) Database system</li><li>C) Decision support system</li><li>Which of the following is not categ</li><li>A) Communication driven</li></ul>	ory of decision support system B) Data Driven	?					
	c)	<ul><li>C) Decision driven</li><li>Which of the following is not chara</li><li>A) Subject oriented</li><li>C) Data variant</li></ul>	D) Document driven acteristic of data warehouse? B) Time variant D) Integrated						
	d)	Which of the following is compone	, 8						
	e)	Which is the full form of ETL?  A) Exact-Transform-Load  C) Extract-Transfer-Load	B) Extract-Transform-Load D) Extract-Time-Load						
	f)	What is the bottom tier of data ward A) It is RDBMS C) It is middle ware		ıt					
	g)	What of the following is step to des A) business process C) dimension							
	h)	OLTP means? A) Offline transaction processing C) Online Transact processing	B) Online transaction process D) Online threading process	_					
	i)	Which of the following is no OLAF		ıng					



B) MOLAP C) WOLAP D) All of these



	k)	Which is the process of investigating hidden patterns of information to various perspectives for categorization into useful data?		
		A) Data pattern	B) Data mining	
			D) Data mart	
	1)	Which of the following is not a phase	= =	
		,	B) Modeling D) Extraction	
	m)	·		
	)	Waikato?		
		A) Explore	B) WEKA	
			D) Python	
	n)	Which allows direct execution of Wek		
		· · · · · · · · · · · · · · · · · · ·	B) Explorer D) Knowledge Flow	
		C) Experimenter	D) KnowledgeFlow	
Attem	pt any	four questions from Q-2 to Q-8		
Q-2		Attempt all questions		
	a)	What is data warehouse? Discuss about its various characteristics.		<b>(5)</b>
	<b>b</b> )	Discuss various components of data w	_	<b>(5)</b>
	c)	Discuss the role of operational system	•	(4)
Q-3		Attempt all questions		
	a)	Draw the diagram of data warehouse 3 tire architecture and explain.		(5)
	<b>b</b> )	Differentiate data mart and data wareh	ouse.	<b>(5)</b>
	c)	Discuss OLAP.		<b>(4)</b>
Q-4		Attempt all questions		
	a)	Explain ROLAP with its advantages a	nd disadvantages.	(5)
	<b>b</b> )	Explain Extraction of data in ETL.		(5)
	c)	Write a note on: Machine learning.		<b>(4)</b>
Q-5		Attempt all questions		
	a)	Explain MOLAP with its advantages a	and disadvantages.	<b>(5)</b>
	<b>b</b> )	Explain Transformation of data in ET	J.	(5)
	c)	Explain decision tree.		<b>(4)</b>



<b>Q-6</b>		Attempt all questions	
	a)	What is DSS? Explain its pros, cons and its types.	(5
	<b>b</b> )	Explain OLAP operations.	(5)
	c)	Explain data understanding process in data mining model.	(4)
Q-7		Attempt all questions	
	a)	Explain Apriori algorithm.	(5)
	<b>b</b> )	What is clustering? Explain hierarchical algorithm.	(5)
	c)	Explain deployment process in data mining model.	(4)
Q-8		Attempt all questions	
	a)	List out various data mining techniques? Explain correlation and	(7)
		regression with suitable example.	
	b)	What is WEKA? Discuss WEKA classify of explorer.	(7

