	Enrollmo	ent No:		Exam Seat No:				
		_	C.U.SHAH	UNIVERSITY xamination-2018		_		
	Subject Name : Data Mining and Data Warehousing							
	Subject Code: 4CS06BDD1			Branch: B.C.A.				
	Semester	r:6	Date: 27/04/2018	Time: 02:30 To 05:30	Marks: 70			
	<ul> <li>Instructions: <ol> <li>Use of Programmable calculator &amp; any other electronic instrument is prohibited.</li> <li>Instructions written on main answer book are strictly to be obeyed.</li> <li>Draw neat diagrams and figures (if necessary) at right places.</li> <li>Assume suitable data if needed.</li> </ol> </li> </ul>							
Q-1		Attemp	t the following questions	s:		(14)		
	n) mpt any f	Define to What is What is Define to What do Define to What is What is List var What is What is What is What is What do Cour ques	you mean by fitness functions from Q-2 to Q-8	tion in apriori algorithm? a mining and data warehousing?				
Q-2	(a) (b) (c)	Discuss Explain	various Architectural cor various Characteristics of OLTP and OLAP system			(5) (5) (4)		
Q-3	(a) (b) (c)	Explain Explain	t all questions Data warehouse system a MOLAP with advantages ntiate Data warehouse and	s and disadvantages		(5) (5) (4)		



Attempt all questions
(a) Describe Data Understanding

Q-4

**(5)** 

	(b) (c)	Explain ROLAP with advantages and disadvantages Explain Extraction of Data	(5) (4)		
Q-5	(a)	Attempt all questions Explain building a data mining model	(5)		
	(b)	Discuss Decision Trees	(5)		
	(c)	Explain Transformation of Data	(4)		
Q-6		Attempt all questions			
	(a)	Explain Apriori Algorithm	(5)		
	<b>(b)</b>	Explain Data Preparation of data mining process model	(5)		
	(c)	Explain Machine Learning	(4)		
Q-7		Attempt all questions			
	(a)	Discuss Clustering with Agglomerative algorithm	(5)		
	<b>(b)</b>	Explain analysis of data using WEKA	(5)		
	(c)	Write a note on Association Rules	(4)		
Q-8		Attempt all questions			
	(a)	Explain WEKA Explorer in details	(5)		
	<b>(b)</b>	Discuss partitioning algorithm	(5)		
	<b>(c)</b>	Explain Correlation and regression	(4)		

