wa-Lun-2012 Con. 3839-12.

BE (IT) VIT (R) 1615112 (REVISED COURSE) DWMBI GN-644

(3 Hours)

[Total Marks: 100

NR	(1)	Question	No 1	is	compulsory	
14.0	 ()	QUESTION	INO.	10	Compulsory	

(2) Solve any four questions from remaining six questions.

Q. 1		Solve any Four from following.	
	A	Compare Data Mining and Text Mining	05
	В	What is Web Usage Mining?	05
	C	What are the Major issues in Data Mining?	05
	D	Explain multilevel association rules	05
	E	Compare database and data warehouse.	05
Q. 2	A	Explain mining sequence patterns in transactional Databases.	10
	В	Explain any one method of hierarchical clustering with example.	10
Q. 3	Α	Explain different data stream methodologies.	10
	В	Explain Data Integration and Transformation with an example	10
Q. 4	A	Explain Hoeffding Tree algorithm with example.	10
	В	List the dimensions and facts for Clinical information system and design star and snowflake schema.	10

Q. 5	A B	Explain different OLAP operations and applications. Use K-means algorithm to create 3- clusters for given set of values { 2, 3, 6, 8, 9, 15, 18, 22 }	10
Q. 6	Α	Design a BI application which will provide Retail Chain Company with features and performance that meet their objectives. Use any data mining technique.	10
	В	Explain Web content Mining with reference to crawlers, harvest system, virtual web view and personalization	10
Q. 7		Write short note on (any Three)	20
	A	Difference between Periodic crawler and Incremental crawler	
	В	Spatial Data mining	
	С	Market segmentation	
	D	Outlier analysis	