Si Ci			424	-		
6		B. Tech. VII Semester (Main/Back) Examination 2014				
3		COMPUTER ENGINEERING # OCSO. 0 & OITO				
5		DATA MINING	&	7	NARE HOU	SING
'iı	ne				s: 24 Maxim	
M	stru	ction to Candidates :				
(D	che	pt any five questions, selecting one question natic diagrams must be shown wherever nece tated clearly. Units of quantities used/calcu	ssary	. An	y aata you feet missing st	arry equal mar _{ks.} vitably be assum _{ed}
		⟨Unit-T'⟩			OR	
1.	(a)	What do you mean by data mining describe it and	3.	(a)	What are the different clas	sification techniques.
		differentiate between data ware house and data mining. [8]				[8]
	(b)			(b)	What are advantages and dis	sadvantages of decisio
	(~)	short notes on the following			mining.	approaches of dat
		(i) Regression			Unit-'IV'	Į.
		(ii) Clustering [8]	4.	(a)	What is data warehousing	199 And explain the
		OR		` ` `	architecture of data wareho	
1.	(a)		9	(b)	What are the different data	processing models.
	a v	are the different process of data reduction? [8]				[8]
	(b)	1			OR	
		generation. [8] (Unit-'II')	4.	(a)	Explain multidimensiona warehouse.	al model of a data [8]
2.	Wri	te short notes on		(b)	Write short notes on:	[8]
	(i)	Quartiles			(i) Star schema	
	(ii)	Range			(ii) Snone flake schema	[8]
		Outliers			Unit-W)	
	(1V)	Boxplots [16]	5.	Wha	nt do you mean by aggregation	? and explain different
		OR		aggr	regate functions.	[16]
	722070	rite short notes on			OR	
	00	Generalized association rules	5.	(a)	Explain in brief how the OLA	P handles aggregation
	(11)	Multilevel association rules [16]				[8]
		(Unit-III')		(b)	Write short note on	[8]
3.	(a)	What are the different categories of classification rules.			(i) ROLAP	
	(b)	#100000000000	2.		(ii) OLAP	
		What do you mean by information gain and how it is calculated.			(iii) MOLAP	
10	200	[8]			(iv) HOLAP	