Paper / Subject Code: 89381 / Data Mining & Business Intelligence VI) | R-19 | SH-22 | 07 | 12 - 22 41 (SEM VI) /

Paper / Subject Code: 20321 / Data Minima P. Dusing S. Tutani	Stratur Stratut 136 Antil 136
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Paper / Subject Code: 89381 / Data Mining & Business Intelligence Lt (SEM VI) R-19 SH-22 0-7 12 - 22 Duration: 3hrs N.B.: (1) Question No 1 is Compulsory.	
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1 Attempt any FOUR A Draw a three tier data warehousing architecture B Data: 4 8 15 21 24 25 28 340	[20]
B Data: 4, 8, 15, 21, 21, 24, 25, 28, 34 Divide data in 3 hips (equal frequency) and perform smoothing by hip means	
and smoothing by bin boundaries on every bin	
C How to calculate correlation coefficient for two numeric attributes and also comment on the significance of this value	Ser
D Write a short note on support and confidence E Explain the concept of information gain which is used in decision free	Standard Commencer
algorithm?	
A Describe any two methods of data reduction B Compare star schema, snowflake schema and fact constellation	(10]
3 A Write and explain Bayes classification algorithm	[10]
3 A Write and explain Bayes classification algorithm B Write the steps of Ada-boost algorithm	[20] The least the late of th
4 A How is data mining used in Business Intelligence?	[10]
B Give the overview of partition clustering methods	[10]
5 A How can we further improve the efficiency of Apriori-based mining? B Explain OLAP operations with the examples	[10] [10]
	-,
from confusion matrix?	[10]
200 300 400 600 1000	[10]
Use min-max normalization by setting min = 0 and max = 1 and z-score normalization	
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