

7.2-11.32

Ans, 31

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY (VSSUT), ODISHA		
Mid Semester Examination November - 2019		
COURSE NAME: DATA MINING		SEMESTER: 7TH
BRANCH NAME: <u>GR</u>		
SUBJECT NAME: <u>DM</u>		
FULL MARKS: 20		TIME: 2 Hours
Answer All Questions.		
The figures in the right hand margin indicate Marks. Symbols carry usual meaning.		
Q1.	Answer all Questions.	
a)	Mention some real life example of data warehousing.	[1 × 5]
b)	Define classification and regression.	CO1
c)	How to find support of an item from k-item set?	CO1
d)	Differentiate between sequential and structured pattern.	CO2
e)	How to smooth a dataset using Binning method ?	CO2
		CO1
Q2.		
a)	With suitable diagram describe Data Warehouse architecture.	[5]
		CO1
	OR	
b)	Explain the steps involved in data mining technique.	CO1
Q3.		
a)	Mention the significance of Apriory Algorithm in context to data mining. Describe steps of Apriory algorithm with example.	[5]
		CO2
	OR	
b)	With example explain how to calculate Correlation analysis using lift and χ^2	CO2
Q4.		
a)	Mention at least five issues of Data Mining with suitable example.	[5]
		CO1
	OR	
b)	Define and distinguish between ROLAP, MOLAP and OLAP.	CO1