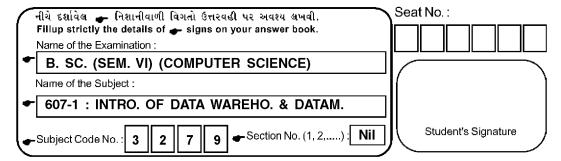


AD-3279

B. Sc. (Sem. VI) (Computer Science) Examination March/April - 2015

607-1: Introduction of Data warehousing & Datamining

Time: 3 Hours] [Total Marks: 70 Instruction:



1 Answer the followings Questions.

14

- (1) Define Data Mining.
- (2) What is Data Cleaning?
- (3) Differentiate: Data, Information and Knowledge.
- (4) Define: Single Dimensional Boolean Association Rule.
- (5) Define: Prediction.
- (6) Define: Multidimensional Data Model.
- (7) List two application of data mining.
- 2 Answer the followings Questions. : (any two)

14

- (1) What is a Data warehouse? Explain the characteristics of data warehouse.
- (2) Discuss system development life cycle of a data warehouse. What factors should be considered while designing a data warehouse.
- (3) Discuss data warehouse components.

3	Answer the followings Questions: (any two)		14
	(1)) Discuss any 3 data mining primitives in detail.	
	(2)	Describe data integration and transformation in detail.	
	(3)	Write notes on following:	
		(a) Concept Hierarchy Generation	
		(b) Concept Description	
4	Answer the followings Questions: (any two)		14
	(1)	Explain application of each of the data mining technique giving appropriate example.	
	(2)	Write a detailed note on Association Rule Mining.	
	(3)	Compare and contrast classification and clustering.	
5	Answer the followings Questions: (any two) 14		
	(1)	Explain the process of decision tree induction based classification.	
	(2)	Explain the issues related to classification and prediction.	
	(3)	Write a detailed note on partitioned-based clustering.	

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