AN-106

April-2017

B.C.A., Sem.-IV

CC-208: Database Management System - II

Time: 3 Hours			s] [Max. Marks : 1	70
1. (A)		Ansv	Answer the following: (any two)	
		(1)	Difference between DDL and DML, give example in support of your answer.	
		· (2)	Explain IN and EXISTS operator giving example.	
		(3)	Explain the significance of table level constraints with example.	
		(4)	What is a virtual table? State its purpose using syntax and example.	
	(B)	Ans	wer the following : (any two)	8
	, .	(1)	Using examples, explain the functions : COUNT, MAX, SUM and AVG.	
		(2)	What are Aliases? How are they used in SQL queries? Explain giving example.	,
		(3)	Explain the use of ORDERBY and GROUPBY with example.	
		(4)	Explain how can you ADD and DROP column in SQL with example.	
2. (A) Answer the following : (any		Anc	wer the following: (any two)	6
4.	(A)	(1)	Write a note on characteristics and benefits of DSS.	
		(2)	Explain advantages and disadvantages of Data Mining.	
		-(3)	Differentiate between Operational and Data Warehouse systems.	
		(4)	Explain Decision Support Database requirements.	
(B)				8
		(1)	Explain Data Mining with its phases.	
		(2)	Explain Online Analytical Processing (OLAP).	
		(3)	What is Data Warehouse? Explain its characteristics.	
		(4)	Explain the main components of business intelligence architecture.	
3.	(A)	Answer the following: (any two)		6
		(1)	Explain components of DDBMS.	
		(2)	Explain Distributed concurrency control.	
		(3)	What do you understand by Remote Transaction?	
		(4)	Explain Static and Dynamic Query Optimization.	
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