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10/11/10



K16U 0497

Reg. No.:....

IV Semester B.Sc. Degree (CCSS – Supple./Imp.)

Examination, May 2016

Core Course in Computer Science

4B06 CSC: DATABASE MANAGEMENT SYSTEM

(2013 and Farlier Admissions)

(20	113 and Earlier	Aumissions)	
ne: 3 Hours	feightage 2	N kemaa dase an	Max. Weightage: 21
	SECTION	chema architeA-	
Answer all questions. Weig	htage for a bunch o	of 4 questions is 1	18. Explain the Herero
1. E-R model is used in	level.	ita independence	
2. A key used strictly for da	ta retrieval purpos	es is called	20. What is type relation
3. A tuple is also known as	a <u>Crapagam asis</u>	aril task of a datab	21. What are the differ
4is the RDBMS	Sterminology for a t	able. To anotomot	nism ent ens Jar (W=1)
5. ALTER statement is an e	example of	command.	23. Explain primary ka
6. In E-R diagram Ellipses r	represents	eaneup to pr	
7. The smallest unit of data	in the relational mo	odel is	
8. DCL stands for			(W=1)
erakona of Relational			
Answer any 5 questions ea			
9. Explain DDL statements			26. Write down the syr
10. What is data dictionary ?			
11. What is an entity?			

K16U 0497 12. What is referentia integrity? 13. What are the different SQL SET operations? 14. What are the fundamental operations in the relational algebra? 15. Write down the syntax for SQL INSERT statement.  $(5 \times 1 = 5)$ 16. Write down the syntax of SUBSTR function. SECTION - C Answer 5 (five) questions each carries Weightage 2: 17. Explain the three schema architecture of DBMS. 18. Explain the Hierarchical database model. Ud & 101 en applow and the unit and the Hierarchical database model. 19. What is physical data independence? 20. What is type relational calculus? associated systems as not vitorial beauty of A. S. 21. What are the different task of a database manager? 22. What are the main functions of DBA ? Not vooldnime? 2MAGIA entrain 23. Explain primary keys and foreign keys. (5×2=10) 24. Explain the grouping of queries. SECTION - Description of the sells are ent. T Answer any 1 question. Weightage 4. 25. What is relational algebra? Explain the fundamental operations of Relational Algebra. Answer any 5 questions each carries Weightage 1 26. Write down the syntax of DDL, DML and DCL Sql commands with suitable amene 100 ms (1×4=4) examples.