



CT1 QP -DBMS Final - notes

Database Management Systems (SRM Institute of Science and Technology)



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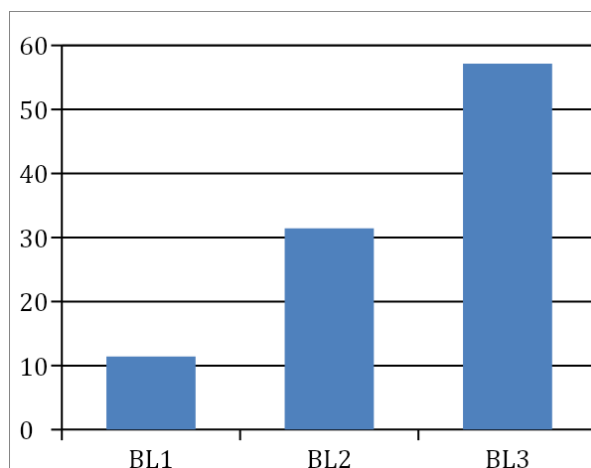
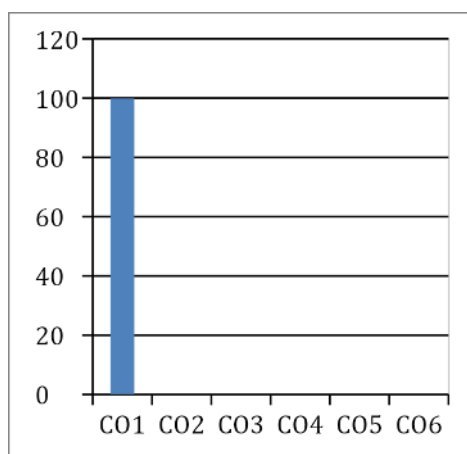
Test: CLAT-1
Date: 02/08/22
Course Code & Title: 18CSC303J/ Database Management Systems
Duration: 1hr
Year & Sem: IV year / VII Sem -EKE-M sec
Max. Marks: 25
Course Articulation Matrix:

	18CSC303J/ Database Management Systems	PROGRAM OUTCOMES												STUDENT OUTCOMES		
S.NO	COURSE OUTCOMES	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
1	Acquire the knowledge on DBMS Architecture and Languages	3	2	1	1	-	-	-	-	1	1	1	3	-	-	-
2	Apply the fundamentals of data models to model an application's data requirements using conceptual modeling tools like ER diagrams	3	3	3	3	3	-	-	-	3	3	3	3	-	-	-
3	Apply the method to convert the ER model to a database schemas based on the conceptual relational model	3	3	3	3	3	-	-	-	3	3	3	3	-	-	-
4	Apply the knowledge to create, store and retrieve data using Structure Query Language (SQL) and PL/SQL	3	3	3	3	3	-	-	-	3	3	3	3	-	-	-
5	Apply the knowledge to improve database design using various normalization criteria and optimize queries	3	3	1	2	1	-	-	2	2	2	2	1	-	-	-
6	Appreciate the fundamental concepts of transaction processing- concurrency control techniques and recovery procedures	3	3	1	3	1	-	-	-	3	1	1	1	-	-	-

Q. No	PART –A (5X1=5 Marks)	Marks	BL	CO	PO
1	Database is a a. Collection of Information b. Collection of data c. Collection of meaningful information d. Collection of meaningful interrelated information	1	1	1	1
2	Data abstraction refers to //////////////////////////////////// ompressing data	1	1	1	1

	<p>removing redundant data</p> <p>hiding unwanted irrelevant information to user</p> <p>putting data into different format</p>				
3	<p>SQL is a</p> <p>procedural language</p> <p>case sensitive language</p> <p>the language for only oracle database</p> <p>common language for all database</p>	1	1	1	2
4	<p>From the employee database we want to retrieve employees whose salary is less than 10000. The query command will be:</p> <p>a. SELECT * FROM emp WHERE Sal < 10000</p> <p>b. SELECT * FROM emp Sal > 10000</p> <p>c. SELECT * FROM emp WHERE Sal is greater than 10000</p> <p>d. SELECT * FROM emp Sal is greater than 10000</p>	1	2	1	1
5	<p>Truncate command</p> <p>a. used to delete the records (information) from the base table permanently and keeps the structure of the base table alone</p> <p>b. delete record and structure</p> <p>c. delete structure alone and keep record</p> <p>d. delete one column entry alone.</p>	1	1	1	2
	<p>PART –A</p> <p>(2X10=20 Marks)</p> <p>Instruction: Answer any two</p>				
6	<p>What are the types of SQL commands? Give examples for each. Write a SQL program statement for creating an employee database and display it with 3 records.</p>	(5+5=10)	3	1	1
7	<p>Derive hierarchical and ER model for online shopping system database with at least two entities.</p>	(5+5=10)	3	1	2
8	<p>Draw the database system architecture and explain.</p>	(4+6=10)	2	1	1

Course Outcome (CO) and Bloom's level (BL) Coverage in Questions



Approved by the Course Coordinator

Signature of the Question paper setter

Evaluation Sheet

Name of the Student:

Register No.:

Part- A (5 x 1= 5 Marks)					
Q. No	CO	PO	Maximum Marks	Marks Obtained	Total
1	CO1		1		
2	CO1		1		
3	CO1		1		
4	CO1		1		
5	CO1		1		
Part- B (2 x 10= 20 Marks)					
11	CO1		10		
12	CO1		10		
13	CO1		10		

Consolidated Marks:

CO	Maximum Marks	Marks Obtained
1		
Total		

PO	Maximum Marks	Marks Obtained
Total		

Signature of Course Teacher

Signature of the Course Coordinator

Signature of the Academic Advisor

