

Program: BE Information Technology

Curriculum Scheme: Revised 2016

Examination: Second Year Semester III

Course Code: ITC304 and Course Name: DataBase Management System

Time: 1 hour

Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q. No.	
1.	Which of the Following is not a function of DBA?
	(a) Authorization for data access
	(b) Network Maaintenance
	(c) Routine Maintenance
	(d) Schema Definition
2.	Which SQL query is used to remove the table and all its data from the database
	(a) Delete
	(b) Drop
	(c) Create
	(d) Alter
3.	In Entity Relationship Diagram Partial key is represented by
	(a) Dashed line
	(b) Solid Line
	(c) Double Solid line
	(d) Double Dashed line
4.	A Functional dependency is a relationship between or among
	(a) Tables
	(b) Rows
	(c) Relations
	(d) Attributes
5.	To include integrity constraint in an existing relation use :
	(a) Modify Table
	(b) Drop Table
	(c) Alter Table
	(d) Create Table
6.	While converting ER diagrams to Tables many to many relationship between two entities usually result in how many tables
	(a) One

	(b)	Two
	(c)	Three
	(d)	Four
7.	Which functional dependency types is/are not present in the following dependencies? Empno-> EName, Salary, Deptno, DName DeptNo-> DName EmpNo -> DName	
	(a)	Full functional dependency
	(b)	Partial Functional dependency
	(c)	Transitive Functional dependency
	(d)	Both B and C
8.	The attribute EXPERIENCE is calculated from Date_Of_Joining. The attribute EXPERIENCE is	
	(a)	Single valued Attribute
	(b)	Base Attribute
	(c)	Derived Attribute
	(d)	Composite Attribute
9.	Truncate statement in SQL is	
	(a)	DDL
	(b)	DML
	(c)	DCL
	(d)	TCL
10.	For select operation the _____ appears in the subscript and the _____ argument appears in the parenthesis after the sigma	
	(a)	Predicates, Relation
	(b)	Relation, Predicates
	(c)	Operation, Predicates
	(d)	Relation, Operation
11.	Ability to modify schema of database in one level without affecting the schema definition in higher level is called as _____.	
	(a)	Data Isolation
	(b)	Data Abstraction
	(c)	Data Independence
	(d)	Data Migration
12.	Consider two tuples X and Y, the operation whose result includes the tuples that are only in X but not in Y is classified as	
	(a)	Intersection of relation X and Y
	(b)	Difference of relation X and Y
	(c)	Union of relation X and Y
	(d)	Square of relation X and Y
13.	For some relations, changing the data have undesirable consequences called	
	(a)	Normal forms

	(b)	Referential integrity constraint
	(c)	Transitive dependencies
	(d)	Modification anomalies
14.	In a _____ clustering index, the index record contains the search-key value and a pointer to the first data record with that search-key value and the rest of the records will be in the sequential pointers.	
	(a)	Dense
	(b)	Sparse
	(c)	Straight
	(d)	Continuous
15.	Which of the following code would grant the role student_admin to a user named william?	
		Grant student_admin to william;
		Grant to William student_admin;
		Grant William student_admin;
		Grant student_admin;