

Program: BE- Information Technology Engineering

Curriculum Scheme: Revised 2012

Examination: Third Year Semester V

Code: TEITC504 and Course Name: Advanced Database Management Systems

Time: 1 hour

Max. Marks: 50

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

Q1.	Which Language is designed to support the semantic constructs of the ODMG object model and is independent of any particular programming language
Option A:	ODL
Option B:	DML
Option C:	DDL
Option D:	TCL
Q2.	DSS (decision-support systems) is also known as :
Option A:	Management Information System
Option B:	Geographical Information System
Option C:	Miscellaneous Information System
Option D:	Executive Information system
Q3.	The heart of the warehouse is :
Option A:	Data Mining database server
Option B:	Data warehouse database server
Option C:	Data mart database server
Option D:	Relational database server
Q4.	How many fact tables are there in a star schema
Option A:	One
Option B:	Two
Option C:	Three
Option D:	Four
Q5.	These are databases built for analysis purpose
Option A:	Analysis Data store
Option B:	Operational Data store
Option C:	Analytical Data store
Option D:	Data Marts
Q6.	Where is ETL as a process performed in
Option A:	Data Mines
Option B:	Data storage
Option C:	Data Marts

Option D:	Data Warehouse
Q7.	A transaction is delimited by statements (or function calls) of the form _____
Option A:	Begin transaction and end transaction
Option B:	start transaction and stop transaction
Option C:	Get transaction and Post transaction
Option D:	Read transaction and write transaction
Q8.	Which operator is used to compare a value to a specified list of values?
Option A:	Between
Option B:	Any
Option C:	In
Option D:	All
Q9.	The highest level in the hierarchy of data organization is called
Option A:	Data Bank
Option B:	Database
Option C:	Data file
Option D:	Data record
Q10.	A homogenous distributed database is which of the following?
Option A:	The same DBMS is used at each location and data are not distributed across all nodes.
Option B:	The same DBMS is used at each location and data are distributed across all nodes.
Option C:	A different DBMS is used at each location and data are not distributed across all nodes.
Option D:	A different DBMS is used at each location and data are distributed across all nodes.
Q11.	These datawarehouses use data federation, distribution and virtualization techniques
Option A:	Data marts
Option B:	Virtual
Option C:	Enterprises
Option D:	Logical
Q12.	They provide views of operational databases that are materialized for efficient access.
Option A:	Virtual
Option B:	Data mart
Option C:	Enterprises
Option D:	Logical
Q13.	Which of the following OLAP systems do not exist

Option A:	HOLAP
Option B:	MOLAP
Option C:	ROLAP
Option D:	FOLAP
Q14.	SQL permits attribute names to be repeated in the same relation. (True or False)
Option A:	True
Option B:	False
Option C:	
Option D:	
Q15.	DriverManager.getConnection(_____, _____, _____) What are the two parameters that are included?
Option A:	URL or machine name where server runs, Password, User ID
Option B:	URL or machine name where server runs, User ID, Password
Option C:	User ID, Password, URL or machine name where server runs
Option D:	Password, URL or machine name where server runs, User ID
Q16.	_____assist in achieving a consistent implementation of logic across applications.
Option A:	Tables
Option B:	Procedures
Option C:	Stored procedures
Option D:	Views
Q17.	Identify the class name for the following code: COURSENAME course()
Option A:	COURSENAMEcourse()
Option B:	Course()
Option C:	None of the above
Option D:	COURSENAME
Q18.	Incase the indices values are larger, index is created for these values of the index. This is called
Option A:	Pointer index
Option B:	Sequential index
Option C:	Multilevel index
Option D:	Multiple index
Q19.	A transaction manager is which of the following?
Option A:	Maintains a log of transaction
Option B:	Maintains before and after database images
Option C:	Maintain appropriate concurrency control
Option D:	All of the above
Q20.	Location transparency allows for which of the following?
Option A:	Users to treat the data as if it is at one location

Option B:	Programmers to treat the data as if it is at one location
Option C:	Managers to treat the data as if it is at one location
Option D:	All of the above