

Professional Online Academy Vu Topper RM



CS403-Database Management System

Update Important MCQS

Final Term By VuTopper RM



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Question No:1

(Marks:1)

Vu-Topper RM

Columns used to uniquely identify individual rows of a given table, may be specified to be not NULL.

True **Page 203**

False.

Question No:2

(Marks:1)

Vu-Topper RM

Which of the following is true about creating database in MS Access?

- A. Click on the file menu, select database option and then click it
- B. After running MS Access, create database option is selected directly
- C. Go to the tool option of MS Access and select create Database option with suitable name

D. First we will run MS Access and select New option from the file. Next it will ask the name of database

Question No:3

(Marks:1)

Vu-Topper RM

Consider a table named “emp” having fields Empname, EmpID, Age, salary. Which of the following is true if the following SQL statement tries to execute?

SELECT * FROM emp WHERE Empname='ALI' ORDERBY Age;

- A. The statement has a syntax error
- B. The statement displays the entire fields from emp in which the Empname is ALI in any order
- C. The statement displays the entire fields from emp in which the Empname is ALI in descending order of their age

D. The statement displays the entire fields from emp in which the Empname is ALI

Question No:4

(Marks:1)

Vu-Topper RM

Truncate is an alternative of Delete command.

True

False

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Question No:5

(Marks:1)

Vu-Topper RM

_____ User Interface is preferred over _____ User Interface with respect to user.

- A. Easy to understand, efficient
- B. Hard to understand, efficient
- C. Easy to understand, effective**
- D. Hard to understand, effective

Question No:6

(Marks:1)

Vu-Topper RM

When the power is turned off content of _____ is lost.

- A. Volatile Storage**
- B. Nonvolatile Storage
- C. Permanent Storage
- D. Hard disk Storage

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Question No:7

(Marks:1)

Vu-Topper RM

Data Manipulation Language (DML) is the set of commands used to maintain and query a database including updating, inserting, modifying and retrieving data.

True

False

Question No:8

(Marks:1)

Vu-Topper RM

SQL stands for _____.

- I - Structured Query Language
- II – Standard Query Language
- III- Status Query Language

- A. Only I**
- B. Only II
- C. Only III
- D. NONE

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Question No:9

(Marks:1)

Vu-Topper RM

DML does not used to :

- A. Add new rows to tables.
- B. Retrieve rows from table
- C. Modify the rows of tables.
- D. Alter a table definition**

Question No:10

(Marks:1)

Vu-Topper RM

Which of the following is the Correct SQL statement for creating table in Microsoft SQL server?

- A. CREATE TABLE Customer (SID integer PRIMARY KEY, Last_Name varchar(30),**
- B. CREATE TABLE Customer(SID integer, Last_Name varchar(30),
- C. CREATE Customer (SID integer, Last_Name varchar(30),
- D. All of the above

Question No:11

(Marks:1)

Vu-Topper RM

What happens if the WHERE clause is omitted from a DELETE statement?

- A. All records from the table are deleted**
- B. No record from the table will be deleted
- C. First record of the table will be deleted
- D. The statement will not be executed and will give a syntax error

Question No:12

(Marks:1)

Vu-Topper RM

An effective user interface minimizes the----- users require to learn and implement the system.

- A. Space
- B. Time**
- C. Complexity
- D. Efficiency

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Question No:13 (Marks:1)
REVOKE is a _____ statement.

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- A. Data Definition
- B. Control Access**
- C. Data Manipulation
- D. Data Description

Question No:14 (Marks:1)

Vu-Topper RM

Text based & Graphical User Interface (GUI) most commonly called as Forms, are two different types of -----.

- A. Language
- B. user interface**
- C. system programs
- D. Application programs

Page 240

Question No:15 (Marks:1)

Vu-Topper RM

There are ----- types of user interfaces.

- A. One
- B. Four
- C. Two**
- D. Three

Page 240

Question No:16 (Marks:1)

Vu-Topper RM

The _____ condition is used to retrieve values within a specific range.

- A. LIKE
- B. AND
- C. FROM
- D. BETWEEN**

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Question No:17 (Marks:1)

Vu-Topper RM

Truncate command response time is _____ as compared to Delete command.

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- A. Poor
- B. Same
- C. Better**
- D. worst

Question No:18 (Marks:1) **Vu-Topper RM**

“It should be user friendly and user must not search for required buttons or text boxes” this statement is about-----.

- A. Language.
- B. System program
- C. Application program
- D. User friendly interface**

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Question No:19 (Marks:1) **Vu-Topper RM**

A memory cache, sometimes called a cache store or-----.

- A. RAM**
- B. DRAM
- C. ROM
- D. Hard disk

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Question No:20 (Marks:1) **Vu-Topper RM**

Which of the following is used with INSERT command to insert values in a DB table?

- A. ONTO
- B. INTO**
- C. UPTO
- D. WITH

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Question No:21 (Marks:1) **Vu-Topper RM**

Which of the following is not an aggregate function?

- A. AVG
- B. SUM
- C. UPPER**

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D. MAX

Question No:22

(Marks:1)

Vu-Topper RM

Users know what to do and how to do it are called -----.

A. New

B. Experts

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C. Beginners

D. Intermediate

Question No:23

(Marks:1)

Vu-Topper RM

Is the given SQL Statement prompt error?

Select * from relation 1;

A. Logical Error

B. No Error

C. Parameter Error

D. Time out Error

Question No:24

(Marks:1)

Vu-Topper RM

Cache is a portion of memory made of high-speed -----
-----instead of the slower and cheaper-----used for main
memory.

A. ROM, RAM

B. RAM, ROM

C. PROM, EPROM

D. Static RAM (SRAM), DRAM

Question No:25

(Marks:1)

Vu-Topper RM

According to his/her level of knowledge/ understanding how many types
of users are there-----?

A. One

B. Two

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C. Four

D. Three

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Question No:26

(Marks:1)

Vu-Topper RM

DML stands for _____.

A. Dynamic Modeling Language

B. Data Manipulation Language

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C. Data Management Language

D. Domain Modeling Language

Question No:27

(Marks:1)

Vu-Topper RM

The _____ operator allows to use wild cards in the where clause of an SQL statement.

A. IN

B. FROM

C. LIKE

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D. None of the above.

Question No:28

(Marks:1)

Vu-Topper RM

Which language is used to permit or prohibit access to a table?

A. DCL

B. DDL

C. DML

D. All of the above.

Question No:29

(Marks:1)

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Browser Based & Non-Browser/Simple are two different types of-----

-----.

A. Forms

B. Language

C. Interface

D. Programs

Question No:30

(Marks:1)

Vu-Topper RM

GRANT is a _____ Command.

A. DDL

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B. DML

C. DCL

D. None of the above

Question No:31

(Marks:1)

Vu-Topper RM

GRANT command belongs to which type of classification?

A. DQL

B. DCL

C. DML

D. DDL

Question No:32

(Marks:1)

Vu-Topper RM

Value of a function in SQL is always determined by the input parameters

True

Page 221

False

Question No:33

(Marks:1)

Vu-Topper RM

In SQL, which command is used to modify the rows of tables.

A. Update

Page 208

B. Insert

C. Browse

D. Append

Question No:34

(Marks:1)

Vu-Topper RM

SQL is used for:

A. Maintaining data integrity and coordinate data sharing.

B. Generating queries, organizing, managing and retrieving data stored in a database.

C. Creating, managing and deleting tables and manage the relationships among the stored data.

D. All of the above

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Question No:35

(Marks:1)

Vu-Topper RM

Identify the basic part(s) of a SELECT statement?

- A. SELECT
- B. FROM
- C. Both SELECT and FROM**
- D. DISTINCT

Question No:36

(Marks:1)

Vu-Topper RM

UPDATE command belongs to which type of Classification?

- A. DDL
- B. DCL
- C. DQL
- D. DML**

Question No:37

(Marks:1)

Vu-Topper RM

Which of the following is not a part of an INSERT statement?

- A. INTO
- B. Modify**
- C. VALUE
- D. INSERT

Question No:38

(Marks:1)

Vu-Topper RM

The _____ should be user friendly, Data integrity must be ensured and checks can be applied within the tables.

- A. Input forms Page246**
- B. Database
- C. Computer language
- D. Application programming

Question No:39

(Marks:1)

Vu-Topper RM

Which of the following SQL clauses used to sort the records in result set?

- A. From

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- B. Where
- C. Having
- D. Orde by**

Question No:40

(Marks:1)

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The most recently accessed data from the disk (as well as adjacent sectors) is stored in a -----.

- A. Memory buffer** **Page 256**
- B. EPROM
- C. ROM
- D. hard disk

Question No:41

(Marks:1)

Vu-Topper RM

Which of the following is a type of SQL command?

- A. DCL command**
- B. DTL command
- C. DAL command
- D. TML commands

Question No:42

(Marks:1)

Vu-Topper RM

Which of the following is NOT a DDL command?

- A. Drop
- B. Delete**
- C. Create DB
- D. Create table

Question No:43

(Marks:1)

Vu-Topper RM

which of the following prevents duplicate values to be displayed as a result of an SQL statement?

- A. DISTINCT**
- B. DELETE
- C. UPDATE
- D. ALTER

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Question No:44

(Marks:1)

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Objective of an order by clause is to display or arrange output of a select statement in a particular order.

True

False

Question No:45

(Marks:1)

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Functions in SQL return a single value

True

False

Question No:46

(Marks:1)

Vu-Topper RM

Which of the following is not DML command?

A. Select

B. Delete

C. Update

D. Truncate

Question No:47

(Marks:1)

Vu-Topper RM

Which of the following is used to retrieve and insert information from database?

A. DML

Page 208

B. DDL

C. DCL

D. Both DML and DDL

Question No:48

(Marks:1)

Vu-Topper RM

DBMS stand for_____.

A. Digital Base Mapping System.

B. Database Manipulation Software.

C. Database Management System.

D. Data Borrowing and Movement Software

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Question No:49

(Marks:1)

Vu-Topper RM

A column used to uniquely identify individual rows of a given table, may be specified to be _____.

- A. Fixed length
- B. NOT NULL**
- C. Strong
- D. Variable length

Question No:50

(Marks:1)

Vu-Topper RM

The _____ function helps to reduce the need of multiple OR conditions.

- A. AND
- B. BETWEEN**
- C. In
- D. like

Question No:51

(Marks:1)

Vu-Topper RM

Consider the two relations, Supplier (S_no, S_name, Contact_No, Address) and Supply (S_no, Item_no). Which of the following statements give(s) a list of supplier names supplying the item with Item_no '555'?

- A. SELECT S_name FROM Supplier, Supply WHERE Supplier.S_no=Supply.S_no AND Item_no='555'**
- B. SELECT S_name FROM Supplier WHERE Item_no='555'
- C. SELECT S_name FROM Supplier WHERE S_no EXISTS (SELECT S_no FROM Supply WHERE Item_no='555')
- D. SELECT S_name FROM Supplier WHERE S_name EXISTS (SELECT S_name FROM Supply WHERE Item_no='555')

Question No:52

(Marks:1)

Vu-Topper RM

Which of the following is correct syntax to create a table named Class with three attribute class_ID, start_time, Room?

- A. CREATE TBALE class COLUMN (Class_ID varchar(5), Start_time datetime, Room varchar(10))

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B. CREATE TABLE class (Class_ID varchar(5), Start_time datetime, Room varchar(10))

C. CREATE Class COLUMN (Class_ID varchar(5), Start_time datetime, Room varchar(10))

D. CREATE class (Class_ID varchar (5), Start_time datetime, Room varchar(10))

Question No:53

(Marks:1)

Vu-Topper RM

Which of the following normal form deals with possible loss less decompositions?

A. 5NF

B. 4NF

C. 3NF

D. 2NF

Question No:54

(Marks:1)

Vu-Topper RM

Functional dependencies under reflexivity inference rule are called _____ dependencies.

A. Projectivity

B. Trivial

C. Augmentation

D. Transitivity

Question No:55

(Marks:1)

Vu-Topper RM

The database design prevents some data from being stored due to _____.

A. Deletion anomalies

B. Redundancy

C. Update anomalies

D. Insertion anomalies

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Question No:56

(Marks:1)

Vu-Topper RM

_____ is state of database where a “course” cannot be inserted in the table, because this course has not been registered to any “student”.

- A. Deletion anomaly
- B. Updation anomaly
- C. Insertion anomaly**
- D. Redundancy

Question No:57

(Marks:1)

Vu-Topper RM

If $A \rightarrow BC$ then $A \rightarrow B$ and $A \rightarrow C$ The above rule follows _____ inference rule.

- A. Transitivity**
- B. Additivity
- C. Projectivity
- D. Augmentation

Question No:58

(Marks:1)

Vu-Topper RM

An attribute y may be functionally dependent on (i) a composite attribute x,y(ii) a single attribute x(iii) no attribute

- A. ii and iii**
- B. i and iii
- C. i and ii
- D. iii

Question No:59

(Marks:1)

Vu-Topper RM

A functional dependency is a type of relationship between _____.

- A. Objects
- B. Attributes**
- C. Tables
- D. entities

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Question No:60

(Marks:1)

Vu-Topper RM

Creating the relationships between new tables and their predecessors through the use of foreign keys is general requirements of _____.

- A. First normal form
- B. Third normal form
- C. Second normal form**
- D. Fourth normal form

Question No:61

(Marks:1)

Vu-Topper RM

If $A \rightarrow B$ and $A \rightarrow C$, then $A \rightarrow BC$ The Inference Rule applies is;

- A. Union
- B. Augmentation**
- C. Reflexivity
- D. Decomposition

Question No:62

(Marks:1)

Vu-Topper RM

In Denormalization two relations who have _____ relationship are merged into one relation.

- A. Many to many
- B. Many to one
- C. One to one**
- D. One to many

Question No:63

(Marks:1)

Vu-Topper RM

The optional items in the SQL commands are kept in _____.

- A. ||
- B. ()**
- C. {}
- D. []

Question No:64

(Marks:1)

Vu-Topper RM

Which of the following is NOT related to data manipulation language?

- A. Control access to the information**

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- B. Retrieval of information
- C. Modification to the information
- D. Insertion of information

Question No:65

(Marks:1)

Vu-Topper RM

The maximum PL/SQL size of data type “BLOB” in DBMS is

_____.

- A. 4 gigabytes**
- B. 8 gigabytes
- C. 10 gigabytes
- D. 12 gigabytes

Question No:66

(Marks:1)

Vu-Topper RM

In _____ the domains of attributes of a relation are atomic, that is they consist of single units that cannot be broken down further.

A. First normal form

Page 167

- B. Second normal form
- C. Third normal form
- D. Augmentation

Question No:67

(Marks:1)

Vu-Topper RM

Which of the following is NOT the purpose of SQL?

- A. Write information
- B. Read information
- C. Remove information

D. Transmission of information

Question No:68

(Marks:1)

Vu-Topper RM

Which of the following is used to keep the input values for a specific attribute in specific limits in comparison to any other attribute of the same or any other relation?

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- A. Default Value
- B. Range Control
- C. Null Value Control

D. Referential Integrity Page 186

Question No:69 (Marks:1) **Vu-Topper RM**

A relational table is in third normal form (3NF) if it is already in 2NF and every non-key column is non-transitively dependent upon its

_____.

- A. Super Key
- B. Foreign Key
- C. Primary Key**
- D. Candidate Key

Page 171

Question No:70 (Marks:1) **Vu-Topper RM**

A fully normalized database schema can fail to provide applicable system response time due to _____.

- A. Excessive query execution
- B. Use of sub queries
- C. Removal of redundant data

D. Excessive table join operations Page 188

Question No:71 (Marks:1) **Vu-Topper RM**

While converting to 2NF all the columns are deleted from the original table except for the determinant which will serve as a _____ key.

- A. Super key
- B. Primary key
- C. Foreign key**
- D. Composite Key

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Question No:72 (Marks:1) **Vu-Topper RM**

If $A \rightarrow B$ and $CB \rightarrow D$, then $AC \rightarrow D$. 1. The above rule follows _____ inference rule.?

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- A. Additivity
- B. Projectivity
- C. Decomposition

D. Pseudo transitivity Page 166

Question No:73 (Marks:1) **Vu-Topper RM**

With the help of _____ technique data values with the smaller sized codes can further reduce the space needed by the data for storage in the database.

- A. Negation
- B. Extension
- C. Expansions

D. Compression Page 185

Question No:74 (Marks:1) **Vu-Topper RM**

In which of the following situation clustering is more suitable _____.

A. Relatively static situations Page 192

- B. Access of data is not frequent
- C. Relatively dynamic situations
- D. Where efficiency does not matter

Question No:75 (Marks:1) **Vu-Topper RM**

Identify the language which is used to specify database schema.

- A. DCL
- B. DML
- C. DDL**
- D. TCL

Question No:76 (Marks:1) **Vu-Topper RM**

Which of the following is one of the purposes of using DDL commands?

- A. manipulating databases
- B. inserting records into databases

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C. updating records into databases

D. Creating and destroying databases

Question No:77

(Marks:1)

Vu-Topper RM

In vertical partitioning if we divide a table into two vertical partitions, then efficiency of those applications which _____ will be reduced.

A. Access data from relations

B. Access data from first vertical partition.

C. Access data from second vertical partition

D. Access data from both the vertical partitions.

Question No:78

(Marks:1)

Vu-Topper RM

SQL stand for?

A. Structure query list

B. Standard query list

C. Standard query language

D. Structure query language **Google**

Question No:79

(Marks:1)

Vu-Topper RM

General reasoning for horizontal or vertical partitioning is _____.

A. Increasing the consistency

B. Increase data communication

C. Decreasing the query response time

D. Smaller tables are more efficient to process as compared to the larger tables.

Question No:80

(Marks:1)

Vu-Topper RM

In vertical partitioning which of the following key is repeated in all vertical partitions of a table, to get the original table?

A. Foreign key

B. Unique key

C. Primary key

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D. Secondary key

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Question No:81

(Marks:1)

Vu-Topper RM

Which of the following normal form deals with multivalued dependency?

A. 3NF

B. 4NF

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C. 1NF

D. 2NF

Question No:82

(Marks:1)

Vu-Topper RM

A function that has no partial functional dependencies is in _____ .

A. 1NF

B. 2NF

Google

C. 3NF

D. BCNF

Question No:83

(Marks:1)

Vu-Topper RM

Which of the following is associated with a specific attribute and can help us to reduce the chances of inserting incorrect values in the attribute space?

A. Default Value

Page 186

B. Range Control

C. Null Value Control

D. Referential Integrity

Question No:84

(Marks:1)

Vu-Topper RM

Denormalization process is applied for developing a physical data model from_____.

A. A conceptual form

B. A logical data model

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C. A semantic data model

D. An object oriented data model

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Question No:85

(Marks:1)

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-----types of caching are commonly used in personal computers.

A. One

B. Two **Page 255**

C. Three

D. Four

Question No:86

(Marks:1)

Vu-Topper RM

Which of the following is a String function in SQL?

A. Count

B. LEN

C. SQRT

D. SIN

Question No:87

(Marks:1)

Vu-Topper RM

Which of the following is used to filter rows according to some condition(s)?

A. SELECT

B. FROM

C. WHERE

D. UPDATE

Question No:88

(Marks:1)

Vu-Topper RM

We should not compromise _____ over efficiency.

A. Query response time

B. Privacy

C. Consistency

D. Accuracy

Question No:89

(Marks:1)

Vu-Topper RM

Which of the following syntax of the functions in SQL is used to add column values?

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- A. COUNT(*)
- B. SUM(expression)**
- C. MAX(expression)
- D. COUNT(expression)

Question No:90 (Marks:1) **Vu-Topper RM**
Data type "BLOB" in database management system stands for

- _____.
- A. Bipolar large object
 - B. Binary long objective
 - C. Binary large Object**
 - D. Binary large objective

Question No:1 (Marks:1) **Vu-Topper RM**
Which of the following is a correct syntax of selecting all the columns from a table called PERSONS?

- A. SELECT * FROM Persons**
- B. SELECT FROM * Persons
- C. SELECT * WHERE Persons
- D. SELECT WHERE * Persons

Question No:91 (Marks:1) **Vu-Topper RM**
Indexes are built on _____ to improve query performance.

- A. Tables
- B. Records
- C. Columns**
- D. Relationships

Question No:92 (Marks:1) **Vu-Topper RM**
A relation is said to be in BCNF when

- A. It has overlapping composite keys
- B. It has no composite keys**
- C. It has no multivalued dependencies

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D. It has no overlapping composite keys which have related attributes

Question No:93

(Marks:1)

Vu-Topper RM

At which design level de-normalization will take place?

- A. Conceptual design
- B. Logical design
- C. Physical design**
- D. All of the above

Question No:94

(Marks:1)

Vu-Topper RM

The maximum length for an identifier can be _____.

- A. 192 characters
- B. 512 characters
- C. 256 characters**
- D. 128 characters

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Question No:95

(Marks:1)

Vu-Topper RM

A database state where deletion of the information about the student record deletes the course information as well is called

- _____.
- A. Insertion anomaly
 - B. Updation anomaly
 - C. Redundancy
 - D. Deletion anomaly**

Question No:96

(Marks:1)

Vu-Topper RM

$A \rightarrow BC$ and $A \rightarrow B$, then $A \rightarrow C$ follow _____ inference rule.

- A. Augmentation
- B. Transitivity
- C. Projectivity**
- D. Additivity

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Question No:97

(Marks:1)

Vu-Topper RM

_____ are used by database administrator in situations where we have large number of records and wastage of small amount of space in each record can lead to loss of huge amount of data storage space.

A. Code Page 185

B. Symbols

C. Variables

D. Special characters

Question No:98

(Marks:1)

Vu-Topper RM

The maximum PL/SQL size of data type "VARCHAR2" in DBMS is _____ bytes.

A. 42767

B. 52767

C. 32767

D. 28767

Question No:99

(Marks:1)

Vu-Topper RM

Denormalization is required to enhance _____.

A. Performance Page 187

B. Sharing of data

C. Data transmission

D. Data communication

Question No:100

(Marks:1)

Vu-Topper RM

For third normal form we concentrate on relations with one _____ key, and we eliminate transitive dependencies

A. Super key

B. Candidate Page 172

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- C. Composite
- D. Primary key

Question No:101

(Marks:1)

Vu-Topper RM

Normalization is a process of restructuring a relation to

- A. Minimize duplication of data in a database**
- B. Maximize duplication of data to ensure reliability
- C. Make it of uniform size
- D. Allow addition of data

Question No:102

(Marks:1)

Vu-Topper RM

Atomicity is a feature of _____.

- A. 1NF**
- B. 2NF
- C. 3NF
- D. BCNF

Question No:103

(Marks:1)

Vu-Topper RM

Which of the following is an empty value but distinct from zero and spaces?

- A. Default value
- B. Range value
- C. Null value**
- D. Referential integrity

Question No:104

(Marks:1)

Vu-Topper RM

Which of the following is NOT related to partitioning and placement in database?

- A. Reduce workload
- B. Balance workload
- C. Speed up the rate of useful work

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Question No:105

(Marks:1)

Vu-Topper RM

The log file is also called-----.

- A. Hash file.
- B. Temporary file
- C. Transaction file**
- D. Non-Transaction file.

Question No:106

(Marks:1)

Vu-Topper RM

Use when direct access is needed, but sequential access is not

- A. Index access
- B. Sequential index
- C. Hashed access**
- D. Non hashed access

Question No:107

(Marks:1)

Vu-Topper RM

The index which has some of the key value is classified as-----.

- A. Linear index
- B. Dense index**
- C. Non dense index
- D. Cluster index

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Question No:108

(Marks:1)

Vu-Topper RM

The general activities, which are performed during the development of--
----- Data input programmers, Editing, Display, Processing
related activities and Reports.

- A. Database program
- B. Hardware Program
- C. Application program**
- D. Micro Kemal program

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Question No:109

(Marks:1)

Vu-Topper RM

The two basic types of record access methods are-----.

- A. Direct and immediate
- B. Sequential and indexed
- C. Sequential and random**
- D. Sequential and immediate

Question No:110

(Marks:1)

Vu-Topper RM

A -----index determines the storage order of data in a table.

- A. Dense
- B. Primary
- C. Clustered**
- D. Secondary

Page 275

Question No:111

(Marks:1)

Vu-Topper RM

Which of the following is not related to Index sequential file structure?

- A. Records are stored in sequence and index is maintained.
- B. Dense and non dense type of indexes are maintained.
- C. Track overflow and file overflow areas are ensuing.
- D. We chose a number of buckets to corresponds to the number of search key values we will have stored in the data base.**

Question No:112

(Marks:1)

Vu-Topper RM

provides rapid, non-sequential, direct access to records.

- A. Hashing**
- B. Sequential
- C. Non hashing
- D. Collision's handling

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Question No:113

(Marks:1)

Vu-Topper RM

Which of the following is incorrect about alter table statement?

- A. Can be used to delete a column

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- B. Cannot be used to create a new table
- C. Can be used to add column in the existing table
- D. Cannot be used to modify type or size of an existing column**

Question No:114 (Marks:1) **Vu-Topper RM**

GRANT belongs to which type of SQL commands classification

- A. DML
- B. DDL
- C. DCL**
- D. DQL

Question No:115 (Marks:1) **Vu-Topper RM**

Which of the following SQL statements used to control access to the data and to the database?

- A. GRANT
- B. REVOKE
- C. Both GRANT and REVOKE**
- D. SELECT

Question No:116 (Marks:1) **Vu-Topper RM**

Which of the following is the correct syntax for adding a new column into an existing table?

- A. ALTER TABLE name {ALTER [COLUMN] column type [(size)] [DEFAULT default] }
- B. ALTER TABLE name { ADD [COLUMN] column type [(size)] [DEFAULT default] }
- C. Both I and II.**
- D. None of the above.

Question No:117 (Marks:1) **Vu-Topper RM**

The _____ function helps reduce the need to use multiple OR conditions.

- A. Like

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B. IN Page 218

C. AND

D. Between

Question No:118

(Marks:1)

Vu-Topper RM

In SQL, which command is used to delete rows from table.

A. Delete Page 207

B. Remove

C. Truncate

D. Both I and II

Question No:119

(Marks:1)

Vu-Topper RM

Which of the flowing clauses allows to sort the records in result set?

A. Were

B. Order by

C. From

D. Having

Question No:120

(Marks:1)

Vu-Topper RM

In SQL queries, while creating tables or relations in database, key columns may be specified by

A. Null

B. Not Null Page 203

C. Data Type

D. None of the above

Question No:121

(Marks:1)

Vu-Topper RM

_____ Operators are the ones that require two operands on both sides of the operator.

A. Double

B. Tow Sided

C. Binary

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D. None of the given options

Question No:122

(Marks:1)

Vu-Topper RM

What happened if the Where clause is omitted from a Delete Statement?

A. All record from the table is deleted

B. No record from the tables will be deleted

C. First record of the tables will be deleted

D. The statement will not be executed and will give a syntax error

Question No:123

(Marks:1)

Vu-Topper RM

Grant belongs to which types of SQL command classification

A. DML

B. DDL

C. DCL

D. DQL

Question No:124

(Marks:1)

Vu-Topper RM

Update command belong to which type of classification

A. DML

B. DDL

C. DCL

D. DQL

Question No:125

(Marks:1)

Vu-Topper RM

Which of the following is not true regarding clustering?

A. It increases the efficiency since related records are placed close to each other.

B. Clustering makes records, difficult to access

C. Suitable to relatively static situations

D. It is a process, which means to place record from different tables to places in adjacent physical locations.

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Question No:126

(Marks:1)

Vu-Topper RM

Truncate command responses time is _____ as compared to delete command.

- A. Poor
- B. Same
- C. Better**
- D. Worst

Question No:127

(Marks:1)

Vu-Topper RM

Suppose we have two tables T1 and T2 Tuples of T1 that do not match some row in T2 will not appear in

- A. Outer Join
- B. Inner Join**
- C. Both I and II
- D. None of the above

Question No:128

(Marks:1)

Vu-Topper RM

CREATE TABLE and CREATE index belongs to which type of SQL commands

- A. DML
- B. DDL**
- C. DCL
- D. DQL

Question No:129

(Marks:1)

Vu-Topper RM

Which of the following function falls in the category of Aggregate functions?

- A. SUM
- B. MIN
- C. MAX
- D. All of the above**

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Question No:130

(Marks:1)

Vu-Topper RM

Making a change to the conceptual schema of a database but not affecting the existing external schemas is an example of

A. Physical data independence.

B. Concurrency control.

C. Logical data independence.

Google

D. Functional dependency

Question No:131

(Marks:1)

Vu-Topper RM

SQL data types do not have support for storing multi-media objects directly.

True

False

Question No:132

(Marks:1)

Vu-Topper RM

Query Analyzer is used to practice SQL in MS-Access and MS-SQL Server.

True

False

Question No:133

(Marks:1)

Vu-Topper RM

Which of the following cannot be included into CREATE TABLE statement?

A. Data types

B. Constraints

C. Attributes

D. Cardinalities

Question No:134

(Marks:1)

Vu-Topper RM

A relational database is

A. One that consists of two or more tables

B. A database that is able to process tables, queries, forms, reports and macros

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C. One that consists of two or more tables that are joined in some way

D. The same as a flat file database

Question No:135

(Marks:1)

Vu-Topper RM

Which model operates at the lowest level of abstraction?

A. Conceptual

B. Internal

C. External

D. Physical

Question No:136

(Marks:1)

Vu-Topper RM

A _____ is used to maintain a connection between the users of the database system.

A. Mail server

B. File server

C. Client-server

D. None of the given

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Question No:137

(Marks:1)

Vu-Topper RM

A collection of concepts that can be used to describe the structure of a database

A. Database

B. DBMS

C. Data model

D. Data

Question No:138

(Marks:1)

Vu-Topper RM

Data about data is metadata

True

Page 10

False

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Question No:139

(Marks:1)

Vu-Topper RM

A primary key is an attribute (or set of attributes) that has been chosen for an entity, whose values are used to uniquely identify a particular instance of an entity.

- A. True**
- B. False
- C. Partially True
- D. None of the given

Question No:140

(Marks:1)

Vu-Topper RM

Which of the following is INCORRECT statement concerning the database design process?

- A. During requirements collection and analysis phase, one can gather the data requirements of database users.
- B. By referring to a high-level data model, it is possible to understand the data requirements of the users, entity types, relationships and constraints.
- C. Transformation of the high-level data model into the implementation data model is called logical design or data model mapping.
- D. During the logical design phase of internal storage structures, access paths and file organization for the database files are specified.**

Question No:141

(Marks:1)

Vu-Topper RM

Which feature of database provides conversion from inconsistent state of DB to a consistent state ensuring minimum data loss?

- A. User accessible catalog
- B. Data processing
- C. Recovery service**
- D. Authorization service

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Question No:142

(Marks:1)

Vu-Topper RM

Who is responsible for authorizing access to the database, for coordinating and monitoring its use?

- A. Database Designer
- B. Database Administrator**
- C. End User
- D. Application Programmer

Page 26

Question No:143

(Marks:1)

Vu-Topper RM

Which of the following describes the job of a database administrator?

- A. Development, implementation operation of the physical database
- B. Creation of the system catalog
- C. Monitoring and controlling database security and authorization: Setting up controls to ensure the quality and integrity of data**
- D. All of the above

Question No:144

(Marks:1)

Vu-Topper RM

Which of the following is NOT a component of a DFD?

- A. Dataflow
- B. Datastore
- C. External entities
- D. Relationship between external entities**

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Question No:145

(Marks:1)

Vu-Topper RM

The Entity Relation Model models

- A. Entities Relationships
- B. Processes
- C. Entities Relationships**
- D. None of the these

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Question No:146

(Marks:1)

Vu-Topper RM

A relational database system is based on the concept(s) of:

- A. A network of data records**
- B. Nested tables
- C. Tables, rows and columns
- D. A tree-like structure of data

Question No:147

(Marks:1)

Vu-Topper RM

What does the abbreviation DBMS stand for?

- A. Database Manipulation Software.
- B. Data Borrowing and Movement Software
- C. Digital Base Mapping System.
- D. Database Management System.**

Page 11

Question No:148

(Marks:1)

Vu-Topper RM

The _____ keyword is used in SELECT statement to return different values.

- A. LIKE
- B. IN

C. Distinct

Page 213

Question No:149

(Marks:1)

Vu-Topper RM

Which is the subset of SQL commands used to manipulate Oracle Database structures, including tables?

- A. Data Definition Language (DDL)**
- B. Data Manipulation Language (DML)
- C. DML and DDL
- D. None of the Mentioned

Question No:150

(Marks:1)

Vu-Topper RM

Which of the following is/are the DDL statements?

A. Create

B. Drop

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C. Alter

D. All of the Mentioned

Question No:151

(Marks:1)

Vu-Topper RM

In SQL, which command(s) is(are) used to change a table's storage characteristics?

A. ALTER TABLE

B. MODIFY TABLE

C. CHANGE TABLE

D. All of the Mentioned

Question No:152

(Marks:1)

Vu-Topper RM

In SQL, which of the following is not a data definition language command?

A. RENAME

B. REVOKE

C. GRANT

D. UPDATE

Question No:153

(Marks:1)

Vu-Topper RM

_____ clause is an additional filter that is applied to the result. a) Select

A. Group-by

B. Having

C. Order by

Question No:154

(Marks:1)

Vu-Topper RM

_____ defines rules regarding the values allowed in columns and is the standard mechanism for enforcing database integrity.

A. Column

B. Constraint

C. Index

D. Trigger

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Question No:155

(Marks:1)

Vu-Topper RM

Foreign Key is

- A. A field in a table that matches a key field in another table**
- B. A field in a table that contains data that is also contained elsewhere in another table
- C. A field in a table that has the same name as a key field in another table

Question No:156

(Marks:1)

Vu-Topper RM

Data about data is database

- A. True
- B. False**
- C. Partially True
- D. None of the Above

Question No:157

(Marks:1)

Vu-Topper RM

The most widely used conceptual model is the __ model.

- A. Implementation
- B. ER**
- C. Object Oriented
- D. Internal

Question No:158

(Marks:1)

Vu-Topper RM

Which of the following describes a database system?

- A. A collection of stored operational data used by the application system of some particular enterprise
- B. A shared collection of logically related data (and a description of this data) designed to meet the information needs of an organization
- C. A Collection of stored data organized in such a way that all user requirements are satisfied by the database**

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Question No:159

(Marks:1)

Vu-Topper RM

Which of the following constraints enforces entity integrity?

A. PRIMARY KEY

B. FOREIGN KEY

C. CHECK

D. NOT NULL

Question No:160

(Marks:1)

Vu-Topper RM

A candidate key that does not have a null value and is selected to uniquely identify all other attribute values in any given row is called a _

A. Super key

Page 81

B. Primary key

C. Secondary key

D. Candidate key

Question No:161

(Marks:1)

Vu-Topper RM

FV diagram?

A. Single DFD is required to represent a system

B. Created at increasing levels of detail

C. The dataflow must be bidirectional

D. Used to represent the relationships among the external entities

Question No:162

(Marks:1)

Vu-Topper RM

User rights information is stored in

A. Physical database

B. Catalog

C. Logical database

D. Buffer

Question No:163

(Marks:1)

Vu-Topper RM

Which of the following might be represented with a multivalued attribute?

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- A. Person's name
- B. Class location**
- C. Bank account balance book title

Question No:164

(Marks:1)

Vu-Topper RM

An instance is

- A. A particular occurrence of an entity**
- B. A special type of relation
- C. An attribute of an entity
- D. Any particular entity

Question No:165

(Marks:1)

Vu-Topper RM

Software packages designed to store and manage databases

- A. Database
- B. DBMS**
- C. Data model
- D. Data

Question No:166

(Marks:1)

Vu-Topper RM

The main software package that supports a database management approach is called Select correct option:

- A. Data Dictionary
- B. Report Generator
- C. Database Management System**
- D. Distributed database

Question No:167

(Marks:1)

Vu-Topper RM

The ER model is meant to select correct option:

- A. Replace relational design be close to
- B. A user's perception of the data
- C. Enable low level descriptions of data
- D. Enable detailed descriptions of data query processing**

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Question No:168

(Marks:1)

Vu-Topper RM

A description on a particular collection of data using the given data model

- A. Database
- B. Relation
- C. Schema**
- D. None

Question No:169

(Marks:1)

Vu-Topper RM

Which of the following functions are NOT performed by a database administrator?

- A. Planning, designing and implementing database systems**
- B. Establishing standards and procedures for database systems
- C. Communicating with database users
- D. Allocation of storage locations and data structures

Question No:170

(Marks:1)

Vu-Topper RM

Level of data at which entities or objects exist in reality is called

- A. Real world data**
- B. Schema for real world data
- C. Meta data
- D. Data about data

Question No:171

(Marks:1)

Vu-Topper RM

An entity type is defined when the database is actually constructed a specific type such as an integer, text, date, logical etc

A coherent set of similar objects that we want to store data on (e.g. STUDENT, COURSE, CAR)

Defined by the database designer

Question No:172

(Marks:1)

Vu-Topper RM

In a three-level DBMS architecture, the _____ level interacts directly with _____ the users.

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- A. Internal
- B. Physical
- C. External**
- D. Conceptual

Question No:173 (Marks:1) **Vu-Topper RM**

Which of the following function falls in the category of Aggregate functions.

- A. SUM
- B. MIN
- C. MAX
- D. All of the above**

Question No:174 (Marks:1) **Vu-Topper RM**

Correct statement for creating table in Microsoft SQL server is.

- A. CREATE TABLE Customer (SID integer PRIMARY KEY, Last_Name varchar(30), First_Name varchar(30));**
- B. CREATE TABLE Customer (SID integer, Last_Name varchar(30), First_Name varchar(30))
- C. CREATE Customer (SID integer, Last_Name varchar(30), First_Name varchar(30));
- D. All of the above

Question No:175 (Marks:1) **Vu-Topper RM**

Suppose we have two tables T1 and T2. Tuples of T1 that do not match some row in T2 will not appear in

- A. Outer Join
- B. Inner Join**
- C. Both I and II
- D. None of the above

Question No:176 (Marks:1) **Vu-Topper RM**

Within a table, each primary

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key value __ is a minimal super key being always the first field in each table

Must be numeric

Must be unique

Question No:177

(Marks:1)

Vu-Topper RM

Which of the following is correct regarding Dataflow diagram?

- A. Single DFD is required to represent a system
- B. Created at increasing levels of detail
- C. The dataflow must be bidirectional

D. Used to represent the relationships among the external entities

Question No:178

(Marks:1)

Vu-Topper RM

Data Redundancy Means

- A. Security of data
- B. Duplication of data**
- C. Management of data
- D. Recovery of data

Question No:179

(Marks:1)

Vu-Topper RM

Controlling redundancy in a database management system DOES NOT help to-----

- A. Avoid duplication
- B. Avoid unnecessary wastage of storage space
- C. Avoid unauthorized access to data**
- D. Avoid inconsistency among data

Question No:180

(Marks:1)

Vu-Topper RM

In an ERD, the focus is on the __ and the relationships between them.

- A. Attributes
- B. Entities keys**
- C. Indexes

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Question No:181

(Marks:1)

Vu-Topper RM

Which levels are mostly used for Detailed DFD?

- A. Level-0, Level-1**
- B. Level-1, Level-2
- C. Level-2, Level-3
- D. Level-3, Level-4

Question No:182

(Marks:1)

Vu-Topper RM

In case of Context-level Diagram, the system is represented by---

- A. One process at least
- B. Two processes at least
- C. One process only**

Question No:183

(Marks:1)

Vu-Topper RM

A table can be logically connected to another table by defining a ____.

- A. Hyperlink
- B. Common attribute**
- C. Primary key
- D. Super key

Question No:184

(Marks:1)

Vu-Topper RM

Data inconsistency leads to a number of problems such as

- A. Loss of information and incorrect results**
- B. Less secure data redundant data
- C. Slow database development

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Question No:185

(Marks:1)

Vu-Topper RM

Programs written to perform different requirement created by the users/organization are called-----

- A. Chip program
- B. System Program
- C. Low level program

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Question No:186

(Marks:1)

Vu-Topper RM

Forms are used in application programs, how many types of forms are available-----?

- A. One
- B. Two**
- C. Five
- D. Four

Question No:187

(Marks:1)

Vu-Topper RM

A 3 NF relation is converted to BCNF by?

- A. Removing composite keys
- B. Removing multivalued dependencies
- C. Dependent non-key attributes are put in a separate table
- D. Dependent attributes of overlapping composite keys are put in a separate relation**

Question No:188

(Marks:1)

Vu-Topper RM

Which of the following statement creates a database named IMDB?

- A. CREATE IMDB DATABASE;
- B. CREATE DB IMDB;
- C. CREATE DATABASE IMDB;**
- D. ADD DATABASE named IMDB;

Question No:189

(Marks:1)

Vu-Topper RM

Normalization of database is used to _____.

- A. Minimize errors
- B. Improve security
- C. Improve design
- D. Eliminate redundancy**

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Question No:190

(Marks:1)

Vu-Topper RM

The statement has a syntax error

The statement must have an ORDER clause

The statement displays the employe id of those employ whos name is ali

Text base & Graphical User Interface (GUI) most commonly called as

Forms are two different type of __.

A. Application Program

B. System program

C. User interface

D. Language

Question No:191

(Marks:1)

Vu-Topper RM

DBMS stand for?

A. Database management software

B. Data borrowing and movement software

C. Digital base mapping system

D. Database management system

Question No:192

(Marks:1)

Vu-Topper RM

A function that has no partaial functional dependencies is in ____.

A. 2NF

B. 3NF

C. 1NF

D. BCNF

Question No:193

(Marks:1)

Vu-Topper RM

The condition allows to retrieve values within a specific range.

A. AND

B. LIKE

C. BETWEEN

D. FROM

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Question No:194

(Marks:1)

Vu-Topper RM

-----must identify a record in the table, uniquely.

A. Key

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B. Index

C. SQL Statement

D. Hash Algorithm

Question No:195

(Marks:1)

Vu-Topper RM

End User directly interact with-----

A. Internal Schema

B. External Schema

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C. Conceptual Schema

D. Core of Database Architecture

Question No:196

(Marks:1)

Vu-Topper RM

It is not necessary for any super type entity to have its entire instance set to be associated with any of the subtype entity, is called as _____.

A. Disjoint Overlap

B. Complete Overlap

C. Total Completeness

D. Partial Completeness Page 103

Question No:197

(Marks:1)

Vu-Topper RM

Which of the following is not a type of user interface?

A. Database Schema

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B. Text based Interface

C. None of the these

D. Graphical User Interface (GUI)

Question No:198

(Marks:1)

Vu-Topper RM

“Select * from STUDENT, DEPARTMENT” is an example of

A. Inner Join

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B. Outer Join

C. Cartesian Join

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D. Full Outer Join

Question No:199

(Marks:1)

Vu-Topper RM

Wait-for graph is maintained by _____

A. View Manager

B. Index Manager

C. Lock manager

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D. Constraint Manager

Question No:200

(Marks:1)

Vu-Topper RM

Which of the following concept is applicable with respect to 2NF?

A. Partial dependency

B. Transitive dependency

C. Non-transitive dependency

D. Full functional dependency

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Question No:201

(Marks:1)

Vu-Topper RM

Which of the following should not be a property of a database transaction?

A. Isolation

B. Atomicity

C. Durability

D. Divergence

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Question No:202

(Marks:1)

Vu-Topper RM

Which of the following is Advantage of Re-Hashing technique to handle the collisions?

A. Unlimited number of elements

B. Overhead of multiple linked lists

C. Collisions don't use primary table space

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Question No:203

(Marks:1)

Vu-Topper RM

Which of following is NOT generally the aim of data partitioning and placement of data?

- A. Reduce Workload
- B. Balance Workload
- C. Speed up rate of useful works

D. Merging different relations

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Question No:204

(Marks:1)

Vu-Topper RM

In which of the following, Materialized Views are suitable

- A. Decision support
- B. Mobile computing
- C. Data warehousing

D. All of the given

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Question No:205

(Marks:1)

Vu-Topper RM

How many clustered index(es) do each database table have?

- A. 3
- B. 1**
- C. 5
- D. 7

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Question No:206

(Marks:1)

Vu-Topper RM

While recovering data, which of the following files does a recovery manager examines at

- A. Log file**
- B. Metadata
- C. A system files
- D. Data dictionary

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Question No:207

(Marks:1)

Vu-Topper RM

Only one type of constraint can be enforced in any table by CREATE command

True

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False

Question No:208

(Marks:1)

Vu-Topper RM

Which of the following is not a form of optical disk?

A. WORM

B. CD ROM

C. EEPROM

Page 257

D. Erasable Optical

Question No:209

(Marks:1)

Vu-Topper RM

Which of the following is not one of the properties of Transaction?

A. Atomicity

B. Durability

C. Consistency

D. Redundancy

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Question No:210

(Marks:1)

Vu-Topper RM

generally, are complex views, views of views, and view of multiple table

A. Simple views

B. Dynamic views

C. Generalized view

D. Materialized view

Question No:211

(Marks:1)

Vu-Topper RM

Which of the following serves as reference point in the log file?

A. Relations

B. Constraints

C. Check points

Google

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D. Relationships

Question No:212

(Marks:1)

Vu-Topper RM

Dead Lock can be prevented by giving each transaction a _____.

A. Name

B. Priority Google

C. Cartesian Join

D. Clustered Index

Question No:213

(Marks:1)

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is used to read, write, and remove the data from a database.

SQL

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