

# Professional Online Academy Vu Topper RM



## CS409-Introduction to Database Administration Update MCQ'S Mid Term



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**Question No:1**

**(Marks:1)**

**Vu-Topper RM**

UNIQUE constraint ensures that all values in the column are

- \_\_\_\_\_.
- A. Same
  - B. Numeric
  - C. Fixed
  - D. Different**

**Question No:2**

**(Marks:1)**

**Vu-Topper RM**

The relational model is based on \_\_\_\_\_.

- A. Automata theory
- B. Mathematical theory**
- C. Graph theory
- D. Mechanical theory

**Question No:3**

**(Marks:1)**

**Vu-Topper RM**

Which one is not a valid version of the Oracle DBMS?

- A. Oracle 12c
- B. Oracle 10g
- C. Oracle 9i
- D. Oracle 18d**

**Question No:4**

**(Marks:1)**

**Vu-Topper RM**

In Entity Relationship diagram, the attribute is represented by

- \_\_\_\_\_.
- A. Oval symbol having line inside
  - B. Oval symbol**
  - C. Double oval symbol
  - D. Dotted oval symbol

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**Question No:5**

**(Marks:1)**

**Vu-Topper RM**

Physical database design is all about \_\_\_\_\_.

- A. Identifying attributes of entities
- B. Organization of data on disk**
- C. Identifying relationships among entities
- D. Converting entities into tables

**Question No:6**

**(Marks:1)**

**Vu-Topper RM**

In Entity Relationship diagram, the double diamond symbol represents

\_\_\_\_\_.

- A. Attribute
- B. Entity Type
- C. Identifying Relationship Type**
- D. Relationship Type

**Question No:7**

**(Marks:1)**

**Vu-Topper RM**

The length or size of foreign key and its referring primary key

\_\_\_\_\_.

- A. Must be different
- B. May be different
- C. May be same
- D. Must be same**

**Question No:8**

**(Marks:1)**

**Vu-Topper RM**

Blood\_Group is an example of \_\_\_\_\_ of student entity type.

- A. Key attribute
- B. Composite attribute
- C. Simple attribute**
- D. Multi-valued attribute

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**Question No:9**

**(Marks:1)**

**Vu-Topper RM**

The foreign key creates a \_\_\_\_\_ between two tables.

- A. Logical link**
- B. Internal link
- C. Physical link
- D. External link

**Question No:10**

**(Marks:1)**

**Vu-Topper RM**

The data types of foreign key and its referring primary key

\_\_\_\_\_.

- A. Neither same nor different
- B. Must be different
- C. May be different
- D. Must be same**

**Question No:11**

**(Marks:1)**

**Vu-Topper RM**

Physical database design is all about \_\_\_\_\_.

- A. Identifying relationships among entities
- B. Identifying attributes of entities
- C. Organization of data on disk**
- D. Converting entities into tables

**Question No:12**

**(Marks:1)**

**Vu-Topper RM**

Which statement is FALSE for the surrogated key?

- A. Surrogated key can have null values**
- B. Surrogated key is unique
- C. Surrogated key is numeric and fix length
- D. Surrogated key is not meaningful for the users

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Question No:13 (Marks:1)

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\_\_\_\_\_ is an example of data.

- A. 35
- B. 20 Kilograms
- C. 12 meters
- D. Murree is a cool city

Question No:14 (Marks:1)

Vu-Topper RM

In Entity Relationship diagram, the dotted oval symbol represents

\_\_\_\_\_.

- A. Derived attribute
- B. Composite attribute
- C. Simple attribute
- D. Key attribute

Question No:15 (Marks:1)

Vu-Topper RM

Blood\_Group is an example of \_\_\_\_\_ of student entity type.

- A. Multi-valued attribute
- B. Composite attribute
- C. Key attribute
- D. Simple attribute

Question No:16 (Marks:1)

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In SQL command CHECK constraint ensures \_\_\_\_\_ of a column.

- A. Uniqueness
- B. Domain values
- C. Default value
- D. Range

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**Question No:17**

**(Marks:1)**

**Vu-Topper RM**

Which column can be an appropriate surrogated key for the following RENTAL\_PROPERTY table?

**A. PropertyID**

- B. RENTAL\_PROPERTY (PropertyID, PostalCode, Street\_no, City\_name, Province, Rental\_Rate) B. Street\_no  
C. PostalCode  
D. City\_name

**Question No:18**

**(Marks:1)**

**Vu-Topper RM**

In database, key is a single or combination of more than one column which is used to identify \_\_\_\_\_ in a table.

- A. Cells  
B. Columns  
C. Rows & columns  
**D. Rows**

**Question No:19**

**(Marks:1)**

**Vu-Topper RM**

Adding a record into a table is the RDBMS's \_\_\_\_\_.

- A. Arithmetic Operation  
B. Physical Operation  
**C. Logical Operation**  
D. Conceptual Operation

**Question No:20**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ Edition of MS SQL Server has limited features.

- A. Developer  
**B. Express**  
C. Enterprise  
D. Standard

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**Question No:21**

**(Marks:1)**

**Vu-Topper RM**

Views are called \_\_\_\_\_ performance views because they are continuously updated while a database is open and in use.

- A. Variable
- B. Fixed
- C. Dynamic**
- D. Variation

**Question No:22**

**(Marks:1)**

**Vu-Topper RM**

Oracle Database uses the \_\_\_\_\_ to detect corruption in a redo log block.

- A. Zerosum
- B. Redosum
- C. Errorsum
- D. Checksum**

**Question No:23**

**(Marks:1)**

**Vu-Topper RM**

A log switch occurs when \_\_\_\_\_ stops writing to one redo log group and starts writing to another.

- A. LWR
- B. LGWR log
- C. LGR
- D. LGWR**

**Question No:24**

**(Marks:1)**

**Vu-Topper RM**

Every instance of an Oracle Database has an associated \_\_\_\_\_ log to protect the database in case of an instance failure.

- A. Delete
- B. Record
- C. Undo
- D. Redo**

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**Question No:25**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ lists the following information about the occupants of the SYSAUX tablespace.

- A. V\$SYSAUX\_OCCUPANTS view**
- B. V\$SYSAU\_OCCUPANTS view
- C. V\$SYSUX\_OCCUPANTS view
- D. V\$SYSUX\_OCCUPANTS view

**Question No:26**

**(Marks:1)**

**Vu-Topper RM**

The redo log file that LGWR is actively writing to is called the \_\_\_\_\_ redo log file.

- A. Present
- B. Inactive
- C. Active
- D. Current**

**Question No:27**

**(Marks:1)**

**Vu-Topper RM**

If you prefer to exercise more direct control over the sizes of individual memory components, you can disable \_\_\_\_\_ and configure the database for manual memory management.

- A. Data dictionary
- B. Meta data
- C. Data views
- D. Automatic memory management**

**Question No:28**

**(Marks:1)**

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A bigfile tablespace with 8K blocks can contain a \_\_\_\_\_ data file.

- A. 34 terabyte
- B. 32 terabyte**

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- C. 32 megabyte
- D. 32 hexabyte

**Question No:29** (Marks:1) **Vu-Topper RM**

A \_\_\_\_\_ is the point at which the database stops writing to one redo log file and begins writing to another.

- A. Undo
- B. Log
- C. Redo
- D. Log switch**

**Question No:30** (Marks:1) **Vu-Topper RM**

Which attribute is used to specify whether and when ARCn should attempt to rearchive to a failed destination following an error?

- A. UNDO
- B. REDO**
- C. OPEN
- D. REOPEN

**Question No:31** (Marks:1) **Vu-Topper RM**

The \_\_\_\_\_ initialization parameter specifies the maximum size of the System Global Area for the lifetime of the instance.

- A. SGA\_MIN\_SIZE
- B. SGA\_MAX\_SIZE**
- C. SGA\_MAX\_SIZE
- D. SGA\_MAZ

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**Question No:32**

**(Marks:1)**

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Minimum size permitted to Redo Log File is \_\_\_\_\_.

- A. 1MB**
- B. 4MB
- C. 2MB
- D. 3MB

**Question No:33**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ Edition of MS SQL Server has all features of Enterprise Edition.

- A. Enterprise
- B. Developer**
- C. Express
- D. Standard

**Question No:34**

**(Marks:1)**

**Vu-Topper RM**

\_\_\_\_\_ tablespace is used to reduce the load managed by SYSTEM tablespace.

- A. SYSAUX**
- B. SSAUX
- C. SYSUX
- D. SYSAU

**Question No:35**

**(Marks:1)**

**Vu-Topper RM**

To rename redo log members, you must have the \_\_\_\_\_ system privilege.

- A. UPDATE DATABASE
- B. ADD DATABASE
- C. CHANGE DATABASE
- D. ALTER DATABASE**

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**Question No:36**

**(Marks:1)**

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If the ORACLE transaction is not done, then it must be \_\_\_\_\_.

A. Paused

B. Done

**C. Rolled back**

D. Partially done

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