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CORRECT ANSWER SOLVED BY HADI
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(Final Term Past Paper)

MADE AND SOLVED BY TEAM HADI

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



CS403 Database Management Systems

BC110401019 (SANIYA MUZAFFAR)

Question No : 1 of 52

Marks: 1 (Budgeted Time 1 Min)

Controlling Redundancy in Databases DOES NOT help to

Answer (Please select your correct option)

Avoid data duplication

Avoid unnecessary wastage of storage space

Avoid unauthorized access to data

Avoid data inconsistency

Correct answer solved by hadi
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CS403 Database Management Systems

BC110401019 (SANIYA MUZAFFAR)

Question No : 2 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is created by "Database Management System" for its usage?

Answer (Please select your correct option)

Integrated Data Dictionary



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Free Standing Data Dictionary

Cross Reference Matrix

Weak Entity

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Question No : 3 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following types of partitioning reduces the chances of unbalanced partitions?

Answer (Please select your correct option)

Vertical

List

Hash

Range

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Question No : 4 of 52

Marks: 1 (Budgeted Time 1 Min)

SQL is an _____ standard computer language

Answer (Please select your correct option)

- ANSI
- General
- Cold fusion
- Interactive



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Question No : 5 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is a correct way of selecting all the columns from a table called PERSONS?

Answer (Please select your correct option)

SELECT FROM * Persons

SELECT * FROM Persons

SELECT * WHERE Persons

SELECT WHERE * Persons

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Question No : 6 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is used to add or drop columns in an existing table?

Answer (Please select your correct option)

- ALTER
- HAVING
- SELECT
- THEN



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Question No : 7 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following gives all the fields from employee table named as EMP?

Answer (Please select your correct option)

select * from EMP



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select emp* from EMP

select emp_id where EMP

select * where EMP

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Question No : 8 of 52

Marks: 1 (Budgeted Time 1 Min)

DML commands are used for:

Answer (Please select your correct option)

- inserting data into databases
- creating databases
- destroying databases
- creating DB objects



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Question No : 9 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not an operation of relational algebra?

Answer (Please select your correct option)

- Union
- Reminder
- Cartesian Product
- Set Difference



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Question No : 10 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a DDL Command?

Answer (Please select your correct option)

Create table

Alter table

Insert into

Create database

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Question No : 11 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following stores the Textual Data?

Answer (Please select your correct option)

- Tinyint
- Smallint
- Biggint
- Varchar



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Question No : 12 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following commands is used to drop the table named STUDENT?

Answer (Please select your correct option)

- DROP TABLE STUDENT
- TABLE STUDENT DROP
- TABLE DROP STUDENT
- STUDENT TABLE DROP



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Question No : 13 of 52

Marks: 1 (Budgeted Time 1 Min)

Identify the command to remove a record from the table.

Answer (Please select your correct option)

- DROP
- INSERT
- UPDATE
- DELETE



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Question No : 15 of 52

Marks: 1 (Budgeted Time 1 Min)

Suppose there are 7 rows and 6 columns in TABLE1 and 5 rows and 3 columns in TABLE2; what is the size of the Cartesian product incase of CROSS JOIN between these two tables?

Answer (Please select your correct option)

- 35
- 21
- 30
- 18

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Question No : 16 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT a feature of a good interface?

Answer (Please select your correct option)

data structure based

user friendly

consistency

process based

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Question No : 18 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is an example of non-volatile memory.

Answer (Please select your correct option)

SRAM

Cache Memory

Flash memory

DRAM



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Question No : 19 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is not a feature of hash access.

Answer (Please select your correct option)

- indexes to search or maintain
- Very fast direct access
- Inefficient sequential access
- Use when direct access is needed, but sequential access is not



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Question No : 20 of 52

Marks: 1 (Budgeted Time 1 Min)

What is the impact of setting multiple indexes for the same key?

Answer (Please select your correct option)

- Multiple indexes for the same key can not be set
- It increases efficiency
- It decreases efficiency
- It will increase complexity as the access time will be increased



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Question No : 21 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is incorrect regarding Indexes?

Answer (Please select your correct option)

It can not be created on composite attributes.



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Index can be defined even when there is no data in the table.

It support Range selections.

It can be created using 'Create Index' statement.

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Question No : 25 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following command shows all the columns from "PRODUCT-VIEW?"

select query
always use for all
data

Answer (Please select your correct option)

SELECT * FROM PRODUCT-VIEW



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SELECT PRODUCT-VIEW

SHOW ALL PRODUCT-VIEW

PRODUCT-VIEW SELECT

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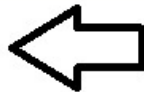
Question No : 26 of 52

Marks: 1 (Budgeted Time 1 Min)

To access a file ABC, sequential file access involves too much _____ as compared to direct file access.

Answer (Please select your correct option)

- Time, Space and number of files
- Number of Files
- Space
- Time



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Question No : 27 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of following is INCORRECT about "Materialized Views"?

Answer (Please select your correct option)

- These are suitable in "Data Warehouses".
- These are schema objects which can be use to summaries the data.
- They can not be partitioned.
- Their existence is transparent to SQL applications and users.

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Question No : 28 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not the property of Transaction?

Answer (Please select your correct option)

Atomicity

Consistency

Redundancy

Durability

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Question No : 29 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following is not a feature of "Database Transaction"?

Answer (Please select your correct option)

- Users should be able to regard the execution of each transaction as atomic.
- It must follow the ACID properties.
- Either all actions of a Transaction are carried out or none are.
- Transaction always affects the every other concurrent transaction.

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Question No : 30 of 52

Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

Priority



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Name

Clustered Index

Cartesian Join

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BC110401019 (SANIYA MUZAFFAR)

Question No : 31 of 52

Marks: 1 (Budgeted Time 1 Min)

_____ is used to detect the dead lock.

Answer (Please select your correct option)

Wait-for graph



Cross Reference Matrix

Inner Join

Clustered Index

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Question No : 32 of 52

Marks: 1 (Budgeted Time 1 Min)

To read a database object, it is first brought into _____ from disk, and then its value is copied into a program variable.

To read a database object, it is first brought into main memory (specifically, some frame in the buffer pool) from disk, and then its value is copied into a program variable.

Answer (Please select your correct option)



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Main Memory

Flash Memory

SATA Hard Disk

Solid State Hard Disk

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Question No : 35 of 52

Marks: 1 (Budgeted Time 1 Min)

Which of the following feature allows many users to use a DBMS at the same time?

Answer (Please select your correct option)

- Robustness
- Concurrency
- Scalability
- Efficiency



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Question No : 36 of 52

Marks: 1 (Budgeted Time 1 Min)

Major drawback of Traditional File Processing System is

but check please
page 14 handouts

Answer (Please select your correct option)

Sharing of data

Congestion Control

Data Inconsistency

Concurrency



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Question No : 37 of 52

Marks: 1 (Budgeted Time 1 Min)

Data is also called

Answer (Please select your correct option)

- Organized facts
- Raw facts
- Information
- Processed facts



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Question No : 38 of 52

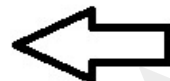
Marks: 1 (Budgeted Time 1 Min)

A DBMS which performs all necessary actions associated to a database, is a collection of

Answer (Please select your correct option)

- Steps
- Programs
- Files
- Processes

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Question No : 39 of 52

Marks: 1 (Budgeted Time 1 Min)

Minimal Super Key can also be named as

Answer (Please select your correct option)

Candidate key



right by hadi

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Alternate key

Foreign key

Secondary key

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Question No : 40 of 52

Marks: 1 (Budgeted Time 1 Min)

Basic building block of Relational Data Model is

Answer (Please select your correct option)

- Manipulation Language
- Row
- Table
- Cartesian product

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