

For Solved Visit **VU Answer**

## CS403 Final Term Papers By Waqar (File 1)

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Examination VU Examination System (... x)

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

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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
- Free Standing Data Dictionary
- Cross Reference Matrix
- Weak Entity

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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
- select emp\* from EMP
- select emp\_id where EMP
- select \* where EMP

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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 : 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 : 14 of 52 Marks: 1 (Budgeted Time 1 Min)

Procedure of finding the size of Cartesian Product is \_\_\_\_\_

Answer ( Please select your correct option )

- the number of columns in the first table multiplied by the number of columns in the second table.
- the number of columns in the first table multiplied by the number of rows in the second table.
- the number of rows in the first table multiplied by the number of columns in the first table.
- the number of rows in the first table multiplied by the number of rows in the second table.

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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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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.
- 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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 22 of 52 Marks: 1 (Budgeted Time 1 Min)

Which of the following is true regarding Index?

Answer ( Please select your correct option )

- Index can only be created for a single table in database
- Index can maximum be created for two tables in database
- Index can only be created, when a database has at least 3 tables
- Index can be created for every table in the database

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 23 of 52 Marks: 1 (Budgeted Time 1 Min)

Which of the following is true about the views?

Answer ( Please select your correct option )

- View can only show few attributes of a table
- View can not be used for retrieving data
- View can not be used as security mechanisms
- We can customize the order of the table fields through Views

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 24 of 52 Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT CORRECT Regarding VIEWS?

Answer ( Please select your correct option )

- VIEWS can be used to interact with the database.
- Through VIEWS users can focus on their interested data.
- VIEW can show one or more records from a database.
- VIEW cannot be updated.

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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?"

Answer ( Please select your correct option )

- SELECT \* FROM PRODUCT-VIEW
- SELECT PRODUCT-VIEW
- SHOW ALL PRODUCT-VIEW
- PRODUCT-VIEW SELECT

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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 : 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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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.

Answer ( Please select your correct option )

- Main Memory
- Flash Memory
- SATA Hard Disk
- Solid State Hard Disk

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

Major drawback of Traditional File Processing System is

Answer ( Please select your correct option )

- Sharing of data
- Congestion Control
- Data Inconsistency
- Concurrency

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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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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CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

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
- 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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For Solved Visit **VU Answer**

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The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes a header "CS403 Database Management Systems" and a user ID "BC110401019 (SANIYA MUZAFFAR)". The question is "Question No : 41 of 52" with "Marks: 2 (Budgeted Time 4 Min)". The question text is "List down two different classifications of indexes." Below the question is an "Answer ( Please click here to Add Answer )" section with a rich text editor. A timer at the bottom left shows "Start Time: 10:25 PM" and "113:00". A watermark "MADE BY WAQAR SIDDHU" is overlaid on the right side.

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes a header "CS403 Database Management Systems" and a user ID "BC110401019 (SANIYA MUZAFFAR)". The question is "Question No : 42 of 52" with "Marks: 2 (Budgeted Time 4 Min)". The question text is "State two problems that can come up as a result of Inconsistent Database?". Below the question is an "Answer ( Please click here to Add Answer )" section with a rich text editor. A timer at the bottom left shows "Start Time: 10:25 PM" and "113:00". A watermark "MADE BY WAQAR SIDDHU" is overlaid on the right side.

For Solved Visit **VU Answer**

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The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes the course name "CS403 Database Management Systems", the user ID "BC110401019 (SANIYA MUZAFFAR)", and the question number "Question No : 43 of 52". The question text is "Discuss the purpose of SELECT clause in SQL query." Below the question is an "Answer" section with a rich text editor. A timer at the bottom left shows "Start Time: 10:25 PM" and "113:00". A watermark "MADE BY WAQAR SIDDHU" is overlaid on the right side of the screenshot.

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes the course name "CS403 Database Management Systems", the user ID "BC110401019 (SANIYA MUZAFFAR)", and the question number "Question No : 44 of 52". The question text is "How a VIEW can be used for security purpose?". Below the question is an "Answer" section with a rich text editor. A timer at the bottom left shows "Start Time: 10:25 PM" and "113:00". A watermark "MADE BY WAQAR SIDDHU" is overlaid on the right side of the screenshot.

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VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer

http://localhost/VUTES/client/Instructions.aspx

File Edit View Favorites Tools Help

Examination VU Examination System (... x)

CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 45 of 52 Marks: 3 (Budgeted Time 6 Min)

Suppose, we have an ERD having two entities, Voter and Ballot paper. There is one to one relationship between these two entities.

Voter Entity has attributes as;  
Voter-CNIC, Voter-name

Ballot Paper Entity has attributes as;

Answer ( Please click here to Add Answer )

Start Time: 10:25 PM  
113:00

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VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer

http://localhost/VUTES/client/Instructions.aspx

File Edit View Favorites Tools Help

Examination VU Examination System (... x)

CS403 Database Management Systems BC110401019 (SANIYA MUZAFFAR)

Question No : 46 of 52 Marks: 3 (Budgeted Time 6 Min)

Analyze the statement given below and identify as correct or incorrect. Justify your answer in either case.

Text based interfaces require more relations / tables in database as compared to Graphical user interface.

Answer ( Please click here to Add Answer )

Start Time: 10:25 PM  
113:00

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For Solved Visit **VU Answer**



For Solved Visit **VU Answer**

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Student ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 47 of 52
- Marks: 3 (Budgeted Time 6 Min)
- Question text: Create a simple index, named "PersonIndex", on the CNIC field of the PERSON table.
- Answer field: A large text area with a rich text editor toolbar (Normal, Arial, 12, Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, etc.).
- Start Time: 10:25 PM
- Timer: 113:00
- Page number: 47

Watermark: MADE BY WAQAR SIDDHU

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Student ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 48 of 52
- Marks: 3 (Budgeted Time 6 Min)
- Question text: Give an Example of Dead Lock
- Answer field: A large text area with a rich text editor toolbar (Normal, Arial, 12, Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo, etc.).
- Start Time: 10:25 PM
- Timer: 113:00
- Page number: 48

Watermark: MADE BY WAQAR SIDDHU

For Solved Visit **VU Answer**

For Solved Visit **VU Answer**

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Exam ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 49 of 52
- Marks: 5 (Budgeted Time 10 Min)
- Table schema: Student (STU\_ID, STU\_NAME, FATHER\_NAME, ADDRESS, CITY, PHONE\_NO)
- Question text: Write a SQL query on student table to get record of all students which belongs to City Lahore or Islamabad and Student Name start from alphabet A.
- Answer field: A rich text editor with a toolbar and a large empty text area.
- Start Time: 10:25 PM
- Timer: 113:00
- Page number: 49

Watermark: MADE BY WAQAR SIDDHU

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Exam ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 50 of 52
- Marks: 5 (Budgeted Time 10 Min)
- Table schema: STUDENT (STU\_ID, STU\_NAME, FATHER\_NAME, ADDRESS, CITY, PHONE\_NO)
- Question text: Create a view named 'Student-List' on STUDENT table which will show STU\_ID and STU\_NAME of those students, who belongs to Lahore.
- Answer field: A rich text editor with a toolbar and a large empty text area.
- Start Time: 10:25 PM
- Timer: 113:00
- Page number: 50

Watermark: MADE BY WAQAR SIDDHU

For Solved Visit **VU Answer**

For Solved Visit **VU Answer**

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Student ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 51 of 52
- Marks: 5 (Budgeted Time 10 Min)
- Question text: "Analyze the statements given below and identify each statement as correct or incorrect. Justify your answer in either case."
  - 0. "Durability" ensures that committed changes in the database can be lost due to any failure.
  - 1. Transaction is a dividable unit of work and execution of half transaction must be performed to preserve the data integrity.
- Answer field: A rich text editor with a toolbar and a large text area.
- Start Time: 10:25 PM
- Timer: 113:00
- Watermark: MADE BY WAQAR SIDDHU

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Page title: CS403 Database Management Systems
- Student ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 52 of 52
- Marks: 5 (Budgeted Time 10 Min)
- Question text: "Map each option of Column1 with appropriate option in Column2"
- Table:

Column 1	Column 2
1: Strong entity	A: Successful candidate key
- Answer field: A rich text editor with a toolbar and a large text area.
- Start Time: 10:25 PM
- Timer: 113:00
- Watermark: MADE BY WAQAR SIDDHU

For Solved Visit **VU Answer**

For Solved Visit **VU Answer**

The screenshot shows a web browser window titled "VU Examination System (CLIENT) VUTES 6.5 ..... Fall 2012 (Final Term) ..... - Windows Internet Explorer". The address bar shows "http://localhost/VUTES/client/Instructions.aspx". The page content includes:

- Course: CS403 Database Management Systems
- Student ID: BC110401019 (SANIYA MUZAFFAR)
- Question No: 52 of 52
- Marks: 5 (Budgeted Time 10 Min)
- Question text:

2. Primary key	B: May or may not return unique instance
2. Secondary key	C. Dependent existence
3. Weak entity	D. Independent existence
- Answer field: "Answer ( Please click here to Add Answer )"
- Start Time: 10:25 PM
- Timer: 113:00
- Page number: 52

At the bottom right of the screenshot, there is a watermark that reads "MADE BY WAQAR SIDDHU".

For Solved Visit **VU Answer**