CS403 - Database Management Systems

(Mid-Term) 2021 GRAND Quiz 100% Correct Solve (Alhamdulillah)

BY Virtual Assistance Sonu Ilyas Mughal

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CS403:Grand Quiz Quiz Start

Question # 1 of 30 (Start time: 01:23:40 PM, 25 June 2021)

In _____ join common attributes appear twice in the output with selected rows.

Select the correct option

- ● Equi Join
- ○ Normal Join
- ○ Natural Join
- ○ Semi Join

Click to Save Answer

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Question # 2 of 30 (Start time: 01:24:04 PM, 25 June 2021)

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

Select the correct option

- ○ Client Server
- ● File Server
- ○ FTP Server
- ○ Virtual Server

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Question # 3 of 30 (Start time: 01:24:36 PM, 25 June 2021)

Which of the following tool is used to design conceptual database design?

Select the correct option

- ○ SQL
- ○ MS Access
- ● This model is independent of any tool
- ○ Oracle

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Question # 4 of 30 (Start time: 01:25:29 PM, 25 June 2021)

In three level architecture of the database, which level is helpful to display data which is not actually placed in the database?

Select the correct option

- (●) External level
- ( ) Internal level
- ( ) Physical level
- ( ) Conceptual level

Click to Save Answer & Mov

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Question # 5 of 30 (Start time: 01:26:14 PM, 25 June 2021)

Data inconsistency leads to a number of problems such as _____.

Select the correct option

- Slow database development
- loss of information and incorrect results
- less secure data
- Data isolation

Click

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Question # 6 of 30 (Start time: 01:26:46 PM, 25 June 2021)

In many to many relationship a third table is created for the relationship, which is also called as_____.

Select the correct option

- Composite attributes
- Associative entity type
- Unary relationship
- Binary relation

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Question # 7 of 30 (Start time: 01:27:46 PM, 25 June 2021)

In Cross Reference Matrix attributes are specified on _____.

Select the correct option

- Z axis
- None of the above
- Y axis
- X axis

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Question # 8 of 30 (Start time: 01:28:26 PM, 25 June 2021)

An entity type is _____.

Select the correct option

- defined by the database designer
- defined when the database is actually constructed
- a coherent set of similar objects that we want to store data on (e.g. STUDENT, COURSE, CAR)
- a specific type such as an integer, text, date, logical etc

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Question # 9 of 30 (Start time: 01:29:00 PM, 25 June 2021)

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

Select the correct option

- Meta data
- Data about data
- Schema for real world data
- Real world data

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Question # 10 of 30 (Start time: 01:29:27 PM, 25 June 2021)

User rights information is stored in _____.

Select the correct option

- Logical database
- Catalog
- Buffer
- Physical database

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Question # 11 of 30 (Start time: 01:29:54 PM, 25 June 2021)

Which model operates at the lowest level of abstraction?

Select the correct option

- ● physical
- ○ conceptual
- ○ external
- ○ internal

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Quiz Start Time: 01:23 PM, 25 June

Question # 12 of 30 (Start time: 01:30:15 PM, 25 June 2021)

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Consider an example XYZ university might need to record which teachers taught which subject in which courses. It is an example of ---------- relationship.

Select the correct option

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- N-ary
- Ternary
- Unary
- Binary

Click to Save Answer & Move to Next Questi

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Question # 13 of 30 (Start time: 01:30:43 PM, 25 June 2021)

In Relational Data Model, the _____ of a relation is the number of columns in that relation.

Select the correct option

- Cardinality
- Constraint
- Degree
- Domain

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Question # 14 of 30 (Start time: 01:31:10 PM, 25 June 2021)

_____ is the first computer-based approach for handling the commercial or business applications.

Select the correct option

- File processing system
- Record base system
- Database system
- Scientific systems

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Question # 15 of 30 (Start time: 01:31:35 PM, 25 June 2021)

In Relational Data model, the values of the attributes come from the _____domain.

Select the correct option

- universal
- heterogeneous
- unique
- same

Click to Save A

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Quiz Start Time: 01:23 P

Question # 16 of 30 (Start time: 01:32:02 PM, 25 June 2021)

_____ states that in a relation no attribute of a primary key (PK) can have a null value.

Select the correct option

- ○ Referential Integrity Constraint
- ○ Null Constraint
- ● Entity Integrity Constraint
- ○ Domain Constraint

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Question # 17 of 30 (Start time: 01:32:32 PM, 25 June 2021)

The total participation by entities is represented in E-R diagram as

Select the correct option

- Double line
- Circle
- Double rectangle
- Dashed line

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Question # 18 of 30 (Start time: 01:32:59 PM, 25 June 2021)

Cross reference matrix is a tool available in the data dictionary, which helps us in finding _____.

Select the correct option

- ○ User of the database
- ○ Relationship between different tables
- ● Entities of the database and their associations
- ○ Requirements for database

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Question # 19 of 30 (Start time: 01:33:36 PM, 25 June 2021)

In the below entity type which attribute can work as an alternate key?

Employee (Reg# Primary key,Name ,CNIC,designation,address,phone)

Select the correct option

- ○ Designation
- ● CNIC
- ○ Address
- ○ Phone

Click to Sav

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Question # 20 of 30 (Start time: 01:34:11 PM, 25 June 2021)

There are _____basic properties of the database relations.

Select the correct option

- Three
- Four
- Two
- Six

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Question # 21 of 30 (Start time: 01:34:42 PM, 25 June 2021)

Which of the following is the best description of the data security in DBMS?

Select the correct option

- ● Efficient check on all users' access
- ○ User can access his previously stored data even if some website is hacked
- ○ Changes made to one location are automatically updated to another location
- ○ Multiple users accessing the data at the same time

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Quiz Start Time: 01:2

Question # 22 of 30 (Start time: 01:35:06 PM, 25 June 2021)

The foreign key attribute, which is present as a primary key in another relation is called as _____ of the foreign key attribute.

Select the correct option

- ○ Recursive relation
- ○ Binary relation
- ● Home relation
- ○ Composite relation

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Quiz Start Tim

Question # 23 of 30 (Start time: 01:35:33 PM, 25 June 2021)

The external entity having only a single instance will be a part of _____ but will not be a part of _____.

Select the correct option

- ○ RDM, DFD
- ○ ERD, DFD
- ○ ERD, RDM
- ● DFD, ERD

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Question # 24 of 30 (Start time: 01:36:00 PM, 25 June 2021)

Which of the following provides us the facility to add properties of one entity to another entity automatically?

Select the correct option

- Encapsulation
- Abstraction
- Dependencies
- Inheritance

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Question # 25 of 30 (Start time: 01:36:26 PM, 25 June 2021)

Database relation is also represented in a two dimensional structure called_____.

Select the correct option

- (●) Table
- ( ) Entity
- ( ) Row
- ( ) Column

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Question # 26 of 30 (Start time: 01:37:01 PM, 25 June 2021)

Making a change to the conceptual schema of a database is not affecting the existing external schemas, it is an example of _____.

Select the correct option

- ○ Concurrency control
- ○ Physical data independence
- ● Logical data independence
- ○ Functional dependency

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Question # 27 of 30 (Start time: 01:37:33 PM, 25 June 2021)

In_____ appropriate data model is chosen.

Select the correct option

- ● Logical Database Design
- ○ DFD
- ○ ERD
- ○ Conceptual Database Design

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Quiz Start Time: 01:23 PM, 25 Ju

Question # 28 of 30 (Start time: 01:37:54 PM, 25 June 2021)

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

Select the correct option

- Composite Key
- Primary key
- Super key
- Foreign key

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Question # 29 of 30 (Start time: 01:38:19 PM, 25 June 2021)

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

Select the correct option

- Update anomalies
- (●) Insertion anomalies
- Deletion anomalies
- Redundancy

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Question # 30 of 30 (Start time: 01:38:49 PM, 25 June 2021)

Which of the following is a type of dependency?

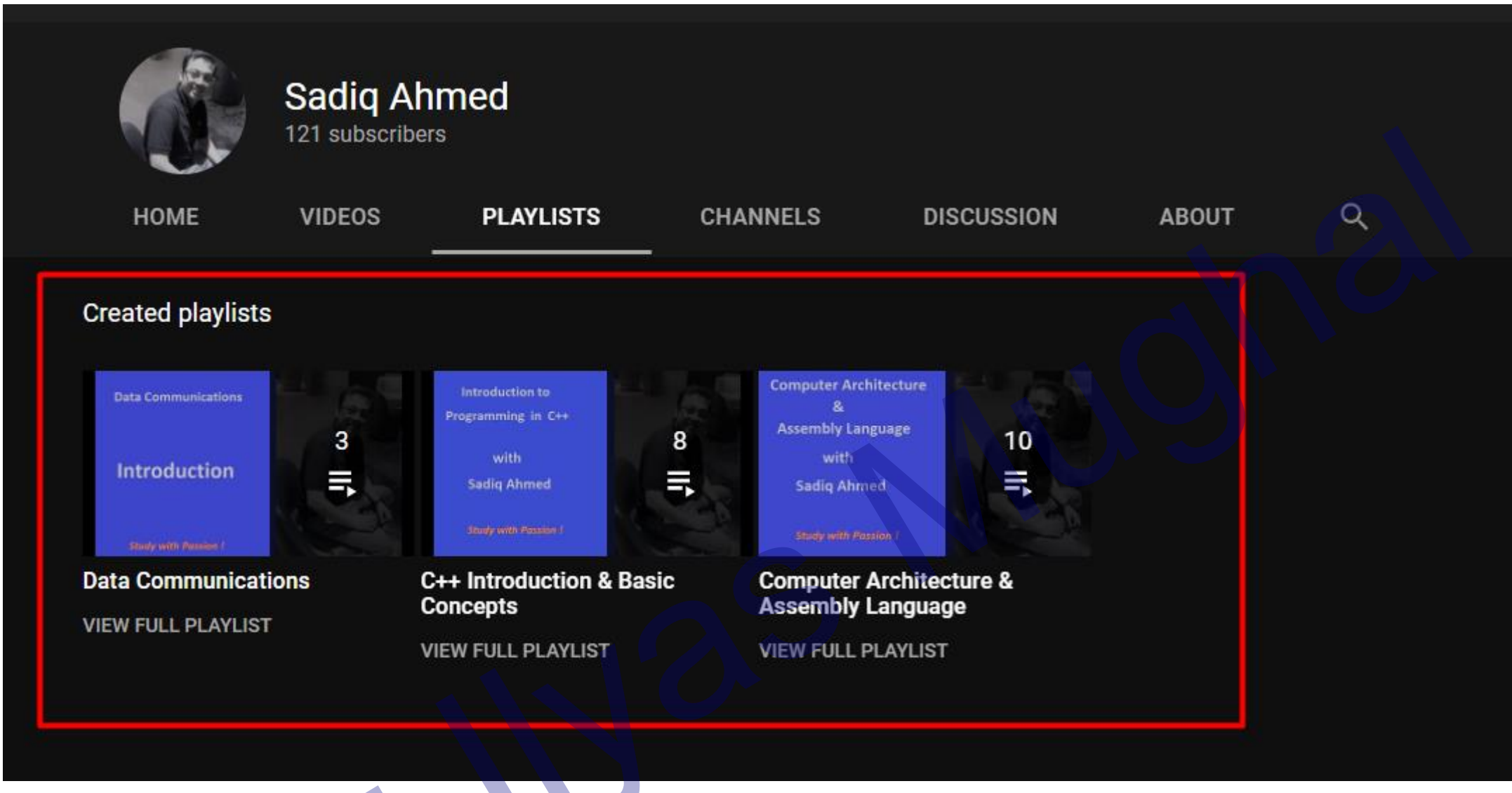
Select the correct option

- ○ DFD
- ● Referential
- ○ ERD
- ○ DBMS

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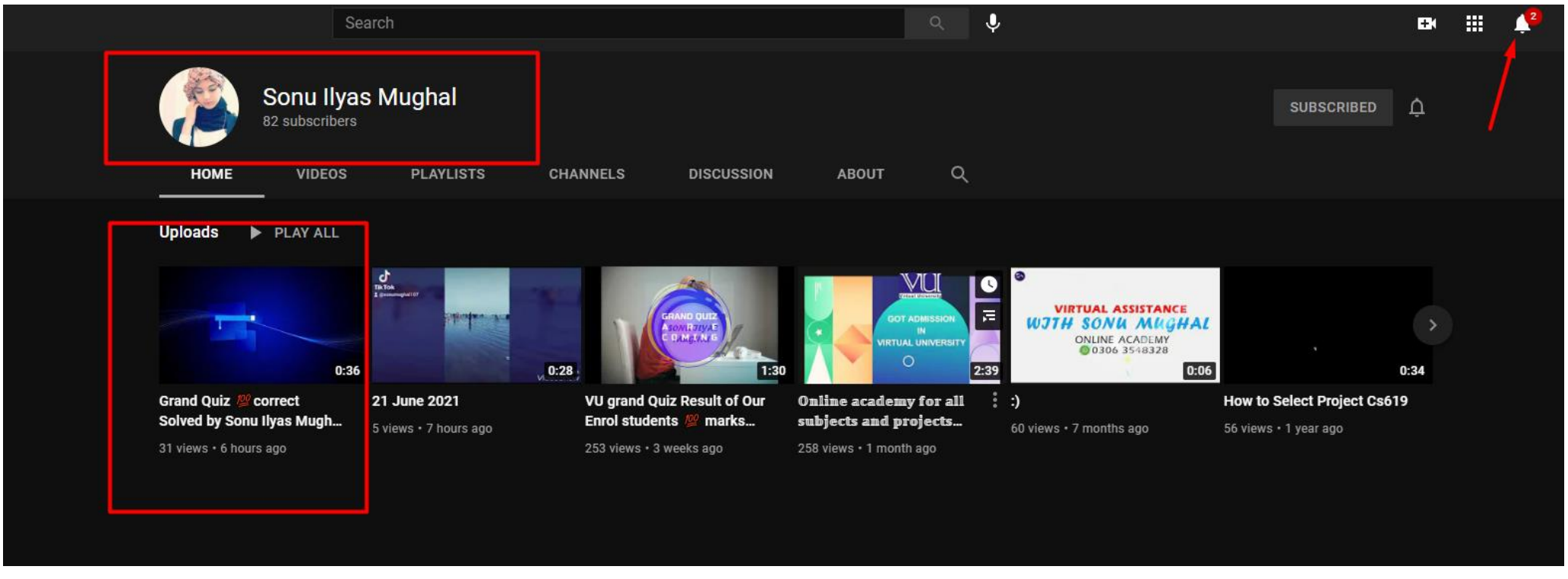


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5) Short QA Solved
6) MCQs Solved
7) Solved Past and Current paper
8) Solved Graded Activities
(Assignment Quiz GDB)

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Information

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Live classes on Zoom
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2) DD (Design Document)
3) Test phase
a) Test phase viva (Live Classes for viva preparation)
4) Final Deliverable
a) Final coding
b) Final presentation
c) Final report
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