



# DANISH MIDTERM HANIF FILES FOR LMS HANDLING: 0323-1731413



## CS403 Quiz File

السلام وعلیکم!

امید کرتا ہوں کہ آپ سب خیریت سے ہوں گے کافی دنوں کی محنت کے بعد الحمد للہ  
ورچوئل یونیورسٹی کے مڈ ٹرم امتحان کے لیے فائلز تیار کر لی ہیں امید کرتا ہوں کہ آپ  
سب سٹوڈنٹس کے امتحانات میں بہت فائدہ مند ہوں گی۔ فائلز میں کسی قسم کی کوئی بھی  
غلطی ہو گئی ہو تو اس کے لیے معذرت خواہ ہیں انشاء اللہ مزید محنت سے ان فائلز کو بہتر بنائیں  
گے۔ آپ سب سٹوڈنٹس سے گزارش ہے کہ ہمارے یوٹیوب چینل اور ویب سائٹ کو فالو  
کر لیں۔

کامل پیپرز آپ کو میری ویب سائٹ پہ ملیں گے لنک نیچے دیا گیا ہے۔

Here is Website Link: <https://hbdanish.me/>

Here is YouTube Channel Link:

[https://www.youtube.com/@Danish\\_Khagga](https://www.youtube.com/@Danish_Khagga)

اگر آپ لوگ اپنا ایل۔ ایم۔ ایس بیٹل کروانا چاہتے ہیں یا اسائنمنٹس کو تازہ کروانا چاہتے  
ہیں تو اس نمبر پہ واٹس ایپ کریں۔

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## Question #1:

\_\_\_\_\_ is the first comprehensive complete database design.

- A) Relational Database Design
- B) Logical Database Design
- C) Conceptual Database Design
- D) Hierarchical Database Design

**Answer:** The correct option is C) Conceptual Database Design.

## Question #2:

In a data flow diagram, \_\_\_\_\_ symbol is used to represent data flows.

- A) Circle
- B) Arrow
- C) Square
- D) Diamond

**Answer:** The correct option is B) Arrow.

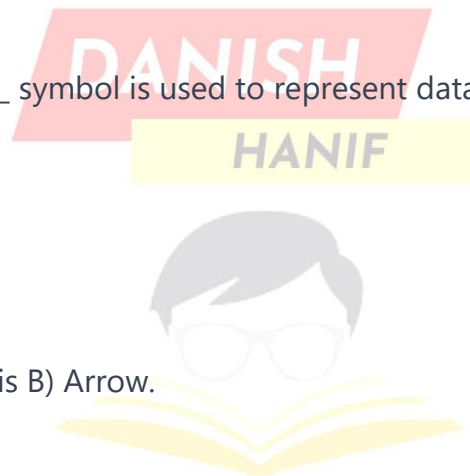
## Question #3:

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

- A) Book Title
- B) Bank Account Balance
- C) Person's Name
- D) Class Location

**Answer:** The correct option is C) Person's Name.

## Question #4:



Which of the following is a completeness constraint?

- A) Hybrid Completeness Constraint
- B) Partial Generalization Constraint
- C) Total Generalization Constraint
- D) Partial Completeness Constraint

**Answer:** The correct option is D) Partial Completeness Constraint.

**Question #5:**

The conceptual database design is drawn through\_\_\_\_\_.

- A) E-R model
- B) Database design
- C) Entity-Relationship model
- D) Data model

**Answer:** The correct option is C) Entity-Relationship model.

**Anonymous**

**Question #6:**

Relational data model is widely accepted due to its mathematically proven foundation and its \_\_\_\_\_.

- A) Traditional Structure
- B) Hierarchical Structure
- C) Simplicity
- D) Complexity

**Answer:** The correct option is C) Simplicity.

**Question #7:**

\_\_\_\_\_ are those attributes that are a combination of two or more than two attributes.

- A) Null Value
- B) Default Value
- C) Primary Key
- D) Composite Attributes

**Answer:** The correct option is D) Composite Attributes.

**Question #8:**

Logical database design, like conceptual database design is our\_\_\_\_\_.

- A) Database Design
- B) Data Model
- C) Weak Entity Set
- D) Strong Entity Set

**Answer:** The correct option is A) Database Design



**Question #9:**

If we want to include attributes from two different relations, which of the following operations will be used?

- A) Project
- B) Set Difference
- C) Select
- D) Union



**Answer:** The correct option is D) Union.

**Question #10:**

Which of the following is not a guideline for drawing a Data Flow Diagram?

- A) Develop a context diagram
- B) Determine system boundaries
- C) Display the physical location of data files
- D) Subdivide the DFD

**Answer:** The correct option is C) Display the physical location of data files.

**Question 1: In a data flow diagram, which symbol is used to represent data flows?**

- A) Arrow
- B) Circle
- C) Square
- D) Diamond

**Answer: A) Arrow**

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**Question 2: Which constraint is generally used for efficiency purposes in the data entry process?**

- A) Default value
- B) Integer value
- C) String value
- D) Null value



**Answer: A) Default value**

**Question 3: In \_\_\_\_\_ appropriate data model is chosen.**

- A) Conceptual Database Design
- B) DFD (Data Flow Diagram)
- C) ERD (Entity-Relationship Diagram)

D) Logical Database Design

**Answer: A) Conceptual Database Design**

**Question 4: Which of the following tool is used to graphically represent the components and design of the system?**

A) EDF

B) DFD

C) CRM

D) CRF

**Answer: B) DFD (Data Flow Diagram)**



**Question 5: There are \_\_\_\_\_ basic properties of the database relations.**

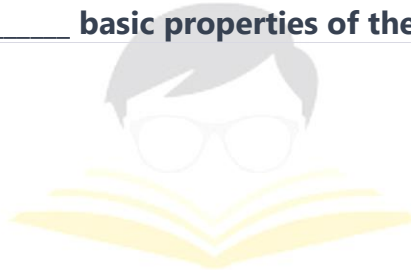
A) Two

B) Six

C) Three

D) Four

**Answer: D) Four**



**Question 6: The conceptual database design is drawn through\_\_\_\_\_.**

A) Database design

B) Entity set

C) E-R model (Entity-Relationship model)

D) Data model

**Answer: C) E-R model (Entity-Relationship model)**

**Question 7: For which binary operation, relations are not required to be union compatible?**

A) Intersection

B) Union

C) Cartesian product

D) Difference

**Answer: C) Cartesian product**

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**Question 8: A vehicle can be a Car or a Bus but does not have to be either. It is an example of ----- constraint.**

A) Disjointness rule

B) Referential integrity

C) Partial completeness

D) Total completeness

**Answer: C) Partial completeness**

**Question 9: Which of the following might be represented with a multivalued attribute?**

A) Bank account balance

- B) Book title
- C) Person's name
- D) Class location

**Answer: C) Person's name**

**Question 10: Which of the following tool is used to design conceptual database design?**

- A) SQL
- B) This model is independent of any tool
- C) MS Access
- D) Oracle

**Answer: B) This model is independent of any tool**

