DB 1

Total points   7/20   ?

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Section score   7/20

✓ To include integrity constraint in a existing relation use :   1/1

○ A. Create table

○ B. Modify table

◉ C. Alter table   ✓

Select count (_____ ID)from teaches where semester = 'Spring' and year = 2010;If we do want to eliminate duplicates, we use the keyword _____in the aggregate expression.

- ⦿ A. Distinct
- ○ B. Count
- ○ C. Avg
- ○ D. Primary key

✕ All aggregate functions except _____ ignore null values in their 0/1 input collection.

- ⦿ A. Count(attribute)　　　　　　　　　　　　　　✕
- ○ B. Count(*)
- ○ C. Avg
- ○ D. Sum

Correct answer

- ⦿ B. Count(*)

✕ Data processing comprises of : 0/1

○ A Capturing of data

◉ B Storing of data ✕

○ C Updating and retrieving data

○ D All of the above

Correct answer

◉ D All of the above

✓ Which of the following is a hierarchical database ? 1/1

◉ A Oracle ✓

○ B DBII

○ C Ingress

○ D SYSTEM2000

✓ The level of data abstraction which describes how the data is   1/1
actually stored is :

○ A conceptual level

⦿ B physical level   ✓

○ C file level

○ D none of these

✓ Data integrity constraints are used to: 1/1

○ A. Control who is allowed access to the data

○ B. Ensure that duplicate records are not entered into the table

⦿ C. Improve the quality of data entered for a specific property (i.e., table ✓
column)

○ D. Prevent users from changing the values stored in the table

An _____ on an attribute of a relation is a data structure that allows the database system to find those tuples in the relation that have a specified value for that attribute efficiently, without scanning through all the tuples of the relation.

○ A. Index

○ B. Reference

⦿ C. Assertion

○ D. Timestamp

✕ Which one of the following design is both software and hardware independent ?   0/1

○ A Logical

⦿ B Physical   ✕

○ C Conceptual

○ D None of the above

Correct answer

⦿ C Conceptual

✕ Object based data models are used in describing the abstraction of the following level :   0/1

    ◯ A Only physical

    ◯ B Conceptual and view

    ◉ C Physical and conceptual   ✕

    ◯ D None of the above

Correct answer

    ◉ B Conceptual and view

This set of Database Questions & Answers focuses on "SQL Data Types and Schemas "Dates must be specified in the format

    ◯ A. mm/dd/yy

    ◉ B. yyyy/mm/dd

    ◯ C. dd/mm/yy

    ◯ D. yy/dd/mm

✕ Manager's salary details are hidden from the employee. This is : 0/1

○ A Conceptual level data hiding

○ B Physical level data hiding

◉ C External level data hiding ✕

○ D None of these

Correct answer

◉ A Conceptual level data hiding

✗ A large computer information system maintains many   0/1
different computer files. Which among them is called a
perpetual file ?

○ A Specialized file

◉ B Log file   ✗

○ C Master file

○ D Update file

Correct answer

◉ C Master file

✕ A data model is :   0/1

   ◉ A Used to describe structure of a database   ✕

   ○ B Set of basic operations on the database

   ○ C Both [A] and [B]

   ○ D None of the above

Correct answer

   ◉ C Both [A] and [B]

✕ The ____ connective tests for set membership, where the set   0/1
is a collection of values produced by a select clause. The ____
connective tests for the absence of set membership.

○ A. Or, in

○ B. Not in, in

○ C. In, not in

◉ D. In, or   ✕

Correct answer

◉ C. In, not in

✕ **Which one is an incorrect statement about a view ?**   0/1

- ○ A A view is derived from other tables
- ◉ B It can be updated like a table   ✕
- ○ C DROP VIEW is used to dispose it
- ○ D All are correct statement

Correct answer

- ◉ D All are correct statement

✕ **An association between students and courses is :**   0/1

- ◉ A 1:1 relationship   ✕
- ○ B 1:M relationship
- ○ C M:M relationship
- ○ D None of these

Correct answer

- ◉ C M:M relationship

✓ Consider attributes ID , CITY and NAME . Which one of this can be considered as a super key ?   1/1

○ A. NAME

◉ B. ID   ✓

○ C. CITY

○ D. CITY , ID

✗ In order to use a DBMS, it is important to understand :   0/1

◉ A the physical schema   ✗

○ B all subschemas that the system supports

○ C one subschema

○ D both [A] and [B]

○ Option 5

Correct answer

◉ C one subschema

✓ The data dictionary tells the DBMS :   1/1

   ○ A What files are in the database

   ○ B What attributes are possessed by the data

   ○ C What these files contain

   ◉ D All of the above   ✓

✓ DBA stands for :   1/1

   ○ A Data Bank Access

   ○ B Database Access

   ○ C Data Bank Administration

   ◉ D Database Administrator   ✓

✕ Which of these is not a database object ?

0/1

○ A index

⦿ B sequence ✕

○ C cursor

○ D trigger

Correct answer

⦿ C cursor

✕ A schema describes :   0/1

◉ A Record Relationship   ✕

◯ B Data Elements

◯ C Record and files

◯ D All of the above

◯ Option 5

Correct answer

◉ D All of the above

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