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   0/1
is :

○ 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 different computer files. Which among them is called a perpetual file ?   0/1

○ 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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