Database Technologies(DBT) Mock CCEE

Total points 21/40 ?

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0 of 0 points

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From which CDAC Centre are you? * **CDAC Pune**

Untitled section 4 of 5 points

/	Which column attribute enables the generation of sequential numbers automatically for identification?	1/1
•	AUTO_INCREMENT	✓
0	UNSIGNED	
0	IDENTIFY	
0	DESCRIBE	
~	When you see SQL statements to create or modify the structure of a database, SQL is being used as :	1/1
0	a Data Manipulation Language(DML)	
0	a Database Management Solution(DBMS)	
0	a Data Definition Language(DDL)	✓
0	a Data Control Language(DCL)	
~	Which of the following is a wrong statement?	1/1
0	A subquery can be nested with another subquery	
0	We can use subquery in clauses such as SELECT, INSERT, UPDATE, DELETE	
0	A MySQL subquery is called an inner query while the query that contains the subquery is called an outer query	
•	A subquery cannot return more than one value	✓

×	Which of the following is a wrong statement?	0/1
Corr	WITH CHECK OPTION in view is applicable only for updatable views. Different views can be created on the same table for different users. A view can hide the complexity that exists in multiple table join. We cannot use WITH CHECK OPTION while creating a view. ect answer We cannot use WITH CHECK OPTION while creating a view.	×
~	Which index maintenance task discards the entire index and recreates it?	1/1
	Refresh Remake Reorganize Rebuild	~

×	Which of the following is a correct statement?	0/1
0	When compared to relational databases, NoSQL databases are more scalable are provide superior performance.	nd
0	Non-Relational databases require that schemas be defined before you can add data.	
•	NoSQL databases are built to allow the insertion of data with a predefined schema	×
0	SQL Server is a type of NoSQL Database	
Corr	ect answer	
•	When compared to relational databases, NoSQL databases are more scalable are provide superior performance.	d
×	What is the purpose of a foreign key?	0/1
×	What is the purpose of a foreign key? Foreign keys are the unique identifier for the table	0/1
×		
× 0 0	Foreign keys are the unique identifier for the table	her
×	Foreign keys are the unique identifier for the table Foreign keys refer to the primary key in another table to link the two tables toget	her
	Foreign keys are the unique identifier for the table Foreign keys refer to the primary key in another table to link the two tables toget Foreign keys refer to a foreign key in another table to link the two tables together	her

✓	A query that is execute inside of another query is called as	1/1
0	Embedded Query	
0	Subquery	✓
0	Secondary Query	
0	Join Query	
~	Which operator is used to test whether or not a value lies within a specific range?	1/1
0	LIKE	
•	BETWEEN	✓
0	IN	
0	FOR	
×	How can a constraint be placed on a table where a field will contain the value "Rohan" if nothing is provided?	0/1
0	CREATE TABLE People(FirstName TEXT CONSTRAINT "Rohan", address TEXT);	
0	CREATE TABLE People(FirstName TEXT DEFAULT "Rohan", address TEXT);	
•	CREATE TABLE People(FirstName TEXT DEFAULT("Rohan"), address TEXT);	×
0	CREATE TABLE People(FirstName TEXT DEFAAULT= "Rohan", address TEXT);	
Corr	ect answer	
•	CREATE TABLE People(FirstName TEXT DEFAULT "Rohan", address TEXT);	

✓	The names of columns can be altered in a query's result by using the keyword.	1/1
0	NAMED	
\bigcirc	RENAME	
0	ALIAS	
•	AS	✓
✓	Identify the wrong statement from the following:	1/1
0	Primary key cannot hold NULL values	
	Unique Key can hold NULL values	✓
\bigcirc	A Primary Key in a table can be referred to as a Foreign Key in another table	
0	One or more fields can be declared as a unique key	
✓	How many primary keys can we have in an MySQL table?	1/1
•	Only 1	✓
0	Only 2	
0	Depends on no of Columns	
0	Depends on DBA	

×	To iterate the cursor and return more documents, which one of the following keyword in the mongo shell would we type?	e 0/1
•	Cursor	×
0	it	
0	next	
0	more	
Corr	ect answer	
•	next	
×	Which of the following is a wrong statement?	0/1
0	In MongoDB, field names cannot start with the dollar sign (\$) character	
•	In MongoDB, field names cannot contain dot(.) character	×
0	BSON documents cannot have more than one field with the same name	
0	BSON is a serialization format encoding format for JSON	
Corr	ect answer	
•	BSON documents cannot have more than one field with the same name	
Untit	led section	2 of 5 points

★ Identify the correct statement from the following:	0/1
We cannot use where clause with DELETE comand.	
TRUNCATE command delete all rows of a table in one go:	
DELETE command is comparatively faster than TRUNCATE command	
In case of DROP statement, we can restore the table using ROLLBACK statement	×
Correct answer	
TRUNCATE command delete all rows of a table in one go:	
What does "OPEN cursor_name" statement would do when working with cursors in MYSQL (cursor_name is any string value eg: OPEN rowsToProcess)	0/1
Opens a previously declared cursor	×
Fetches the next row for the SELECT statement associated with the specified cursor	
O Declares a cursor	
Closes a cursor	
Correct answer	
Fetches the next row for the SELECT statement associated with the specified contains t	ursor

~	To get all the rows that are common in both tables based on the condition specified, use	1/1
0	Self Join	
•	Inner Join	✓
0	Outer Join	
0	Full Join	
×	In MySQL, if you would like to throw your own exceptions, you can do so by changing SQLSTATE using keyword.	/ 0/1
0	SIGNAL	
0	SQLEXCEPTION	
•	DECLARE	×
0	END	
Corr	ect answer	
•	SIGNAL	
~	Which of the following is not a NoSQL database?	1/1
•	SQL server	~
0	MongoDB	
0	Cassandra	
0	Hbase	

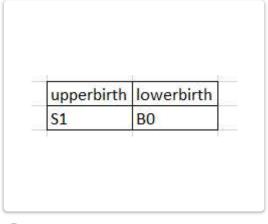
✓ F	How are transactions handled within a database?	1/1
()	Failed operations are ignored, and the transaction continues with the successful operations	
()	if any of the operations fails, then those operations are flagged for review at the of the transaction.	end
()	If any of the operations fails, then the entire group of operations is deleted from database?	the
() i	if any of the operations fails, then the entire group of operations fail.	✓
× v	Which of the following is a wrong statement?	0/1
(- 1	MySQL removes the temporary table automatically when the session ends or the connection terminated	×
0	A temporary table is only available and accessible to the client	
	A temporary table can have the same name as a normal table in a database.	
	MySQL does not support Temporary Table	
Correc	ct answer	
● N	MySQL does not support Temporary Table	

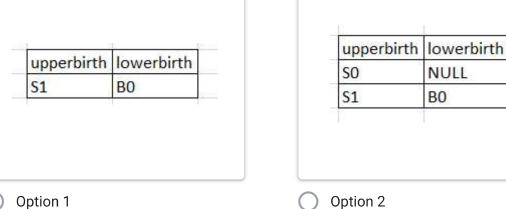
~	For which of the following MySQL Triggers are not supported?	1/1
0	delete	
0	update	
0	insert	
•	views	✓
×	When you use an aggregate function without a groupby clause, how many results do you expect?	0/1
0	One	
0	Two	
0	Zero	
•	All the records in a table	×
Corr	ect answer	
•	One	

0/1

X Two tables are defined as table1 and table 2 below: What will the output when the below query is executed? SELECT table1.upperbirth, table2.lowerbirth FROM table1 JOIN table2 on table1.id=table2.id

id	upperbirth
0	SO
1	S1
∛ tak	ole2
∛ tab	le2 lowerbirth
	Paragraphic State of the Control of





upperbirth lowerbirth 0 50 2 B1

upperbirth lowerbirth S1 B₀ NULL **B1**

NULL

B₀

Option 3

X

Option 4

Correct answer

	Option	1
\sim		

×	Which code returns the only column pgdac, pgdbda and pgdesd from the cdac table?	0/1
0	SELECT pgdac, pgdbda, pgdesd FROM cdac;	
0	SELECT pgdacpgdbdapgdesd FROM cdac;	
0	SELECT * from cdacpgdac, pgdbda,pgdesd;	
•	SELECT *, pgdac, pgdbda, pgdesd FROM cdac;	×
Corr	ect answer SELECT pgdac, pgdbda, pgdesd FROM cdac;	
×	Identify the correct statement from the following:	0/1
0	LIKE clause can work with only one operator %	
0	LIKE clause cannot work with operator _	
0	LIKE clause can work with two operators % and _	

LIKE clause can work with operators % and ?

~	Which of the these tasks can you accomplish using SQL as a DML?	1/1
•	Inserting a record into the table	✓
0	Deleting the database	
0	Allowing a new user access to read data from a table	
0	Removing a column from a table	
/	What is the difference between a PRIMARY KEY and a UNIQUE KEY?	1/1
0	Primary key can store null value, where as a unique key cannot store null value	
•	Primary key has unique and not null value, where as a unique key has unique values	✓
0	Primary key cannot be a date variable whereas unique key can be	
0	Primary key has unique values whereas a unique key has unique and not null val	ue
×	Which of the below is not a valid TCL command?	0/1
0	SAVEPOINT	
0	COMMIT	
•	ROLLBACK	×
0	REVOKE	
Corre	ect answer	
•	REVOKE	

✓ Which of the following is not a MySQL Storage Engine?	1/1
○ CSV	
	,
• FEDERAL	~
✓ What is the latest SQL server version?	1/1
SQL Server 2021	
SQL Server 2020	
SQL Server 2022	
SQL Server 2019	✓
✓ Which of the following is a wrong statement?	1/1
MySQL cursor is by default asensitive	
 An insensitive cursor performs faster than an asensitive cursor 	✓
MySQL cursor is read-only	
MySQL cursor is non-scrollable	

✓ What is a complex view?	1/1
A view that is created from only one table	
A view that is created from more than one table	✓
A view that does not contain groups of data	
A view that is used to update the data in the tables	
★ Which of the following is the correct IF statement syntax?	0/1
IF boolean_expression { statement_block} FI	
IF boolean_expression START { statement_block} END	×
IF boolean_expression BEGIN{ statement_block} END	
IF boolean_expression START { statement_block} FI	
Correct answer	
IF boolean_expression BEGIN{ statement_block} END	

The standard user and application program and statement interface of a relational database is the	(API) 0/1
Structured Query Language	
Sequential Query Language	×
Relational Query Language	
Standard Query Language	
Correct answer	
Structured Query Language	
 Which of the following function returns the current date and time? CURRENT_TIMESTAMP TIMESTAMP CURDATE CURTS Correct answer	0/1 ×
CURRENT_TIMESTAMP	

✓ Which of the following command is used to insert data into collecti MongoDB?	ion in 1/1
db.COLLECTION_NAME.update(document)	
db.COLLECTION_NAME.insert(document)	✓
db.COLLECTION_NAME.create(document)	
db.COLLECTION_NAME.insertOne(document)	
✓ Which syntax is followed by MySQL for stored routines?	1/1
SQL:2000	
SQL:2003	~
O SQL:2005	
None of the above	

Thecommand can be used to show the metadata regarding the table created.	e 0/1
SHOW	
EXPLAIN	×
FIND	
O DESC	
Correct answer	
● DESC	

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