Database Technologies(DBT) Mock CCEE

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Total points	14/40	?					

Emai l *	
ashokdpate@gmail.com	
	0 of 0 points
Name *	
Ashok Pate	
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From which CDAC Centre are you? *	
CDAC Mumbai(Kharghar) ▼	

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Untitled section

2 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)	
•	a Data Definition Language(DDL)	✓
0	a Data Control Language(DCL)	
×	Which of the following is a wrong statement?	0/1
0	A subquery can be nested with another subquery	
0	We can use subquery in clauses such as SELECT, INSERT, UPDATE, DELETE	
•	A MySQL subquery is called an inner query while the query that contains the subquery is called an outer query	×
0	A subquery cannot return more than one value	
Corr	rect answer	
•	A subquery cannot return more than one value	

×	Which of the following is a wrong statement?		0/1
0	WITH CHECK OPTION in view is applicable only for updatable views.		
O	Different views can be created on the same table for different users. A view can hide the complexity that exists in multiple table join.		×
0	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 recrea	tes it?	0/1
•	Refresh		×
0	Remake		
0	Reorganize		
0	Rebuild		
Corre	ect answer		
•	Rebuild		
Untitle	ed section	3 of 5 p	oints

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

×	A query that is execute inside of another query is called as	0/1
0	Embedded Query	
0	Subquery	
0	Secondary Query	
•	Join Query	×
Corr	ect answer	
•	Subquery	
~	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?	1/1
0	CREATE TABLE People(FirstName TEXT CONSTRAINT "Rohan", address TEXT);	
•	CREATE TABLE People(FirstName TEXT DEFAULT "Rohan", address TEXT);	✓
0	CREATE TABLE People(FirstName TEXT DEFAULT("Rohan"), address TEXT);	
0	CREATE TABLE People(FirstName TEXT DEFAAULT= "Rohan", address TEXT);	

Untitled section 1 of 5 points

	×	The names of columns can be altered in a query's result by using the keyword.	0/1
	•	NAMED	×
	0	RENAME	
	0	ALIAS	
	0	AS	
	Corr	ect answer	
		AS	
	~	Identify the wrong statement from the following:	1/1
	0	Primary key cannot hold NULL values	
		Unique Key can hold NULL values	✓
	0	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?	0/1
	0	Only 1	
	0	Only 2	
	•	Depends on no of Columns	×
	\bigcirc	Depends on DBA	
	Corr	ect answer	
	•	Only 1	
!			

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

2 of 5 points Untitled section

★ 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:	
O DELETE command is comparatively faster than TRUNCATE command	
In case of DROP statement, we can restore the table using ROLLBACK state	ement
Correct answer	
TRUNCATE command delete all rows of a table in one go:	
What does "OPEN cursor_name" statement would do when working working in MYSQL (cursor_name is any string value eg: OPEN rowsToProcess)	r <mark>ith</mark> 0/1
Opens a previously declared cursor	×
Fetches the next row for the SELECT statement associated with the specific cursor	ed
O Declares a cursor	
Closes a cursor	
Correct answer	
Fetches the next row for the SELECT statement associated with the specific	ed cursor

✓	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	
•	SQLEXCEPTION	×
0	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	

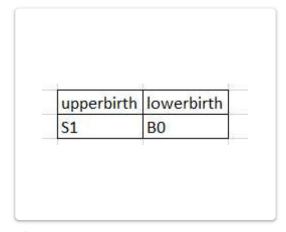
Untitled section 2 of 5 points

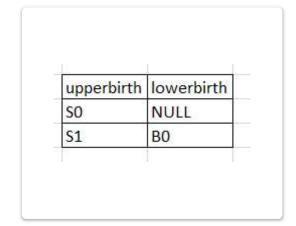
✓	How are transactions handled within a database?	1/1
0	Failed operations are ignored, and the transaction continues with the successful operations	
0	if any of the operations fails, then those operations are flagged for review at the of the transaction.	end
0	If any of the operations fails, then the entire group of operations is deleted from t database?	he
•	if any of the operations fails, then the entire group of operations fail.	✓
×	Which of the following is a wrong statement?	0/1
0	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.	×
0	MySQL does not support Temporary Table	
Corr	ect answer	
•	MySQL does not support Temporary Table	

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

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
∛ tab	ole2
∛ tab	le2 lowerbirth

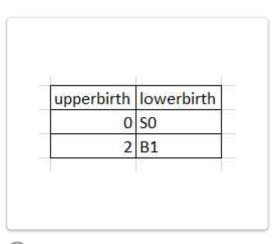




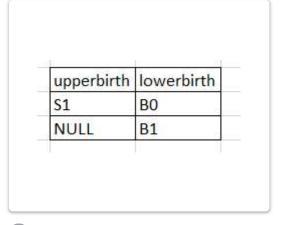
0/1

X

Option 1



Option 2



Option 3

Option 4

Correct answer

Option 1

Untitled section 1 of 5 points

Which code returns the only column pgdac, pgdbda and pgdesd from t cdac table?	he 0/1
SELECT pgdac, pgdbda, pgdesd FROM cdac;	
SELECT pgdacpgdbdapgdesd FROM cdac;	
SELECT * from cdacpgdac, pgdbda,pgdesd;	
SELECT *, pgdac, pgdbda, pgdesd FROM cdac;	×
Correct answer	
SELECT pgdac, pgdbda, pgdesd FROM cdac;	
Identify the correct statement from the following:	1/1
LIKE clause can work with only one operator %	
LIKE clause cannot work with operator _	
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?	0/1
Inserting a record into the table	
O Deleting the database	
Allowing a new user access to read data from a table	
Removing a column from a table	<
Correct answer	
Inserting a record into the table	
★ What is the difference between a PRIMARY KEY and a UNIQUE KEY?	0/1
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 value	s
Primary key cannot be a date variable whereas unique key can be	
Primary key has unique values whereas a unique key has unique and not null value	
Correct answer	
Primary key has unique and not null value, where as a unique key has unique values	6

★ Which of the below is not a valid TCL command?	0/1
SAVEPOINT	×
COMMIT	
ROLLBACK	
REVOKE	
Correct answer	
REVOKE	

Untitled section	1 of 5 points
★ Which of the following is not a MySQL Storage Engine?	0/1
Mylsam	
○ InnoDB	
○ CSV	×
FEDERAL	
Correct answer	
● FEDERAL	

:

★ What is the latest SQL server version?	0/1
SQL Server 2021	×
SQL Server 2020	
SQL Server 2022	
SQL Server 2019	
Correct answer	
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?	0/1
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	
Correct answer	
A view that is created from more than one table	

★ 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	
Untitled section 2 of 5 pc	oints
The standard user and application program and statement interface(API) of a relational database is the	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?	1/1
•	CURRENT_TIMESTAMP	~
0	TIMESTAMP	
0	CURDATE	
0	CURTS	
	Which of the following command is used to insert data into collection in MongoDB?	0/1
0	db.COLLECTION_NAME.update(document)	
0	db.COLLECTION_NAME.insert(document)	
•	db.COLLECTION_NAME.create(document)	×
0	db.COLLECTION_NAME.insertOne(document)	
Corre	ect answer	
•	db.COLLECTION_NAME.insert(document)	
~	Which syntax is followed by MySQL for stored routines?	1/1
0	SQL:2000	
•	SQL:2003	✓
0	SQL:2005	
0	None of the above	

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

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