



1
answered
1 out of 1.0
question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views

A view does not necessarily exist in a physical form

Database views are created using the CREATE VIEW statement. Views can be created from a single table, multiple tables or another view.



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Which of the following are true?

Select one or more:

- a. Before running a job SQL server agent should be started
- b. A job can be scheduled in a manner that it runs when the server workload is less
- c. A job can have multiple steps
- d. Jobs could run in only one schedules
- e. A job could be started using stored procedure start_job sp_start_job

NOT SURE!!!



Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 5
- b. 4
- c. 2
- d. 3
- e. 0



Which of the following is **not** an accurate statement about views?

Select one or more:

views can be used to access to columns in a database table.....

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. Views can be used to restrict access to columns in a base table that contain sensitive data
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. All views are updatable
- e. Views may degrade the performance of the database

All views are not updatable. So, UPDATE command is not applicable to all views. An updatable view is one which allows performing a UPDATE command on itself without affecting any other table



Next page



Question 2

Not yet answered

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Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers

Which of the following statements are **true** about views?

Select one:

- a. A view is readonly
- b. A view must have aliases defined for the column names in the SELECT statement.
- c. A view can be created as a join on two or more tables.
- d. A view cannot have an ORDER BY clause in the SELECT statement.
- e. A view cannot be created with a GROUP BY clause in the SELECT statement.



You can create a view that combines data from two or more tables by naming more than one table in the FROM clause



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not answered

1 out of 1.0

g question

Which of the following statements are **true** about views?

Select one:

- a. A view cannot be created with a GROUP BY clause in the SELECT statement.
- b. A view cannot have an ORDER BY clause in the SELECT statement.
- c. A view must have aliases defined for the column names in the SELECT statement.
- d. A view can be created as a join on two or more tables.
- e. A view is readonly



Question 1

Not yet answered

Marked out of 1.0

Flag question

Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. All views are updatable
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data



Question 10

yet answered

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Flag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PL-SQL
- b. MS-SQL
- c. PG-SQL
- d. P-SQL
- e. T-SQL



Transact-SQL (T-SQL) is Microsoft's and Sybase's proprietary extension to SQL.

Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

Which of the following statements are true?

Select one or more
a. Backup c
50 sec

- The slide has a blue header bar with the text 'Module 6: Database Maintenance' and 'Date: 10/10/2018'. The main content area contains a question and five options, followed by a large 'NOT SURE' watermark.

Which of the following statements are true?

one or more:

 - a. Backup could be used to restore small numbers of files after they have been accidentally deleted
 - b. To secure data a schedule could be set for automatic backups
 - c. SQL Server Agent allows you to automate a variety of administrative tasks
 - d. SQL server agent is used to set a schedule for automatic backups to be done on a regular basis
 - e. A customized maintenance plan could be created using jobs

NOT SURE

NOT SURE!!!



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Question 11

Not yet answered

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Flag question

Which of the following is/are true related to BCP tool?

Select one or more:

- a. BCP is a GUI utility
- b. BCP tool is installed default with Windows OS
- c. BCP tool is used to copy a bulk of data
- d. With BCP data could be migrated from a view
- e. BCP tool is used to migrate data from SQL server to files

Question 19

Not yet answered

Marked out of 1.0

Flag question

Consider the following code segment. What is/are false related to CallableStatement ?

```
CallableStatement cstmt = null;
try {
    String SQL = "{call getEmpName (?, ?)}";
    cstmt = conn.prepareCall (SQL);
    ...
}
catch (SQLException e) {
    ...
}
finally {
    ...
}
```

Select one or more:

- a. String variable SQL, represents the stored procedure, with parameter placeholders
- b. Bind values to all the parameters before executing the statement, or will receive an SQLException
- c. The SQLException is occurred when prepareCall () is connected
- d. SQLException is handled by introducing a try catch block
- e. The callable statement is prepared by calling the conn.prepareCall ()



Question 19

Not yet answered

Marked out of 1.0

Flag question

Consider the following code segment. What is true related to CallableStatement ?

```
CallableStatement cs=con.prepareCall("{?=call getAvailableSeats(?)}");
cs.setString(2, "Cinnemaworld");
cs.registerOutParameter(1, java.sql.Types.INTEGER);
cs.execute();
```

Select one or more:

- a. The string object can be retrieved by calling the method registerOutParameter()
- b. The CallableStatement object is used for IN parameters only
- c. A description of the error can be called by providing the index 1 and 2
- d. An SQLException is occurred when prepareCall () method is connected
- e. The CallableStatement contains the information to execute a call to a database stored procedure, getAvailableSeats

???

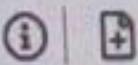
Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. In the PreparedStatement you cannot provide insert fields
- b. You cannot have more than one parameter in the PreparedStatement
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The (?) mark is used to pass parameters into the insert command
- e. The value will be set by calling the setter methods of PreparedStatement

X



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Practice Test

Which of the following are common tasks that could be included in a maintenance plan?

Select one or more:

- a. Clean up history
- b. Backup database
- c. Restore database
- d.
- e. creating tables

Maintain a database's indexes
Maintain Index and Column statics
Restore old backups
Backup databases
Verify the Integrity of database

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Question 26
Not yet answered
Marked out of 1.0
Flag question

Tech SriLanka is a software company who has expertise in developing secure software applications such, one of the leading private bank has given the responsibility of automating their tasks to Tech SriLanka. This includes developing a database to record customer details, account details, branch details and other related to a bank.

Malaka is the senior project manager responsible for the entire project. Malaka has asked Ishara to handle the database development and management process. This includes creating a secure database. Accordingly, she has designed the bankdb. Since there will be lot of users for the project, Kalpa is assigned to create logins to the system. Surani is assigned to create tables, required views and triggers. Aruna and Malitha who are data entry operators are given the responsibility of inserting data. Heshan should be able to generate reports as well as directly query the data or call functions and stored procedures.

???

Assuming that Heshan has a login name heshan.d Which of the following/s T-SQL statements require tasks he is responsible of.

Select one or more:

- a. ALTER ROLE db_ddladmin ADD MEMBER heshan.d
- b. ALTER ROLE dataEntry ADD MEMBER heshan.d
- c. ALTER ROLE datareader ADD MEMBER heshan.d
- d. ALTER ROLE db_owner ADD MEMBER heshan.d
- e. CREATE USER heshan FOR LOGIN heshan.d

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Question 26
Not yet answered
Marked out of 1.0
Flag question

Tech SriLanka is a software company who has expertise in developing secure software applications the banking sector. As such, one of the leading private bank has given the responsibility of automating their tasks to Tech SriLanka. This includes developing a database to record customer details, account details, branch details and all the other functions related to a bank.

Malaka is the senior project manager responsible for the entire project. Malaka has asked Ishara who is the senior DBA, to handle the database development and management process. This includes creating a secure database to the bank. Accordingly, she has designed the bankdb. Since there will be lot of users for the project, Kalpa is assigned with the responsibility of creating logins to the system. Surani is assigned to create tables, required views, stored procedures and triggers. Aruna and Malithi who are data entry operators are given the responsibility of inserting the data to the tables. Heshan is given the task to generate reports as well as directly query the data or call functions and procedures.

???

Which of the following T-SQL statement/s T-SQL statement/s required to allow Surani to create tables, functions, procedures and triggers. Assume her login name is surani.b

Select one or more:

- a. ALTER ROLE db_owner ADD MEMBER surani.b
- b. ALTER ROLE dbcreator add member surani.b
- c. ALTER ROLE db_ddladmin add member surani.b
- d. ALTER ROLE db_datareader add member surani.b
- e. ALTER ROLE sysadmin add member surani.b

Next page

Consider the following code segment. What is true related to CallableStatement ?

```
CallableStatement cs=con.prepareCall("{?=call getAvailableSeats(?)}");
cs.setString(2, "Cinnemaworld");
cs.registerOutParameter(1, java.sql.Types.INTEGER);
cs.execute();
```

???

Select one or more:

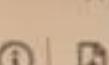
- a. An SQLException is occurred when prepareCall () method is connected
- b. The string object can be retrieved by calling the method registerOutParameter()
- c. A description of the error can be called by providing the index 1 and 2
- d. The CallableStatement object is used for IN parameters only
- e. The CallableStatement contains the information to execute a call to a database stored procedure, getAvailableSeats

Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. In the PreparedStatement you cannot provide insert fields
- b. You cannot have more than one parameter in the PreparedStatement
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The (?) mark is used to pass parameters into the insert command
- e. The value will be set by calling the setter methods of PreparedStatement



Dashboard

Examinations

Lockdown Browser

Practice Test

Flag question

the project manager responsible for the entire project. Nalaka has asked Malani who is the sole database development and management process. This includes creating a secure database to store all the data required for the project. Malani will be assigned with the responsibility of handling logins to the database. She will be responsible for creating users, assigning roles and permissions. She will be assigned to create tables, required views, stored procedures and triggers. Palika and Mahesh will be given the responsibility of inserting the data to the tables. With the data added to the database, they should be able to generate reports as well as directly query the data or call functions and procedures.

Which of the following commands will Malani use to create login to Sonal.

Select one or more:

- a. CREATE LOGIN Sonal
FROM WINDOWS
- b. CREATE LoGIN Sonal
FROM hoteldb
- c. CREATE LOGIN Sonal
WITH PASSWORD = 'Sonai@123'
MUST_CHANGE, CHECK_EXPIRATION = ON, CHECK_POLICY = ON,
DEFAULT_DB = Master
- d. CREATE LOGIN Sonal
WITH PASSWORD = 'Sonai@123'
MUST_CHANGE, CHECK_EXPIRATION = ON, CHECK_POLICY = ON,
DEFAULT_DATABASE = System
- e. CREATE LOGIN staffSonal
FROM WINDOWS WITH DEFAULT_DATABASE = Master

???

Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. You cannot have more than one parameter in the PreparedStatement
- b. In the PreparedStatement you cannot provide insert fields
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The value will be set by calling the setter methods of PreparedStatement
- e. The (?) mark is used to pass parameters into the insert command



Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. The value will be set by calling the setter methods of PreparedStatement
- b. You cannot have more than one parameter in the PreparedStatement
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The (?) mark is used to pass parameters into the insert command
- e. In the PreparedStatement you cannot provide insert fields

**Question 18**

Not yet answered

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Flag question

Consider the following code segment. What is/are false related to CallableStatement ?

```
CallableStatement cstmt = null;
try {
    String SQL = "[call getEmpName (?, ?)]";
    cstmt = conn.prepareCall (SQL);
    ...
}
catch (SQLException e) {
    ...
}
finally {
    ...
}
```

Select one or more:

- a. The SQLException is occurred when prepareCall () is connected
- b. String variable SQL represents the stored procedure, with parameter placeholders
- c. Bind values to all the parameters before executing the statement, or will receive an SQLException
- d. SQLException is handled by introducing try catch block
- e. The callable statement is prepared by calling the conn.prepareCall ()

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Finish attempt ...

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Sri Lanka is a software company who has expertise in developing secure software applications the banking sector. As such, one of the leading private bank has given the responsibility of automating their tasks to Tech Sri Lanka. This includes developing a database to record customer details, account details, branch details and all the other functions related to a bank.

Malaka is the senior project manager responsible for the entire project. This includes creating a secure database to the bank. Accordingly, she has designed the database development and management process. Since there will be lot of users for the project, Kalpa is assigned with the responsibility of creating views, stored procedures and triggers. Aruna and Malithi who are data entry operators are given the responsibility of inserting the data to the tables. Heshan should be able to generate reports as well as directly query the data or call functions and procedures.

same that Suran's user name is Surani.3 of the following will give permission to Surani to perform the work she is responsible

of more:

- create db; admin add member Surani.a
- role db; creator add Surani.a
- Surani.a
- grant sdd member Surani.a
- grant sdd member Surani.a

Assume that Surani's user name is Surani.a

Select one or more:

- a. alter role db_admin add member Surani.a
- b. alter server role db_creator add Surani.a
- c. grant execute to Surani.a
- d. alter role db_ddladmin add member Surani.a
- e. grant create tablealter to Surani.a

Question 26

Not yet answered

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Flag question

Tech SriLanka is a software company who has expertise in developing secure software applications the banking sector. As such, one of the leading private bank has given the responsibility of automating their tasks to Tech SriLanka. This includes developing a database to record customer details, account details, branch details and all the other functions related to a bank.

Malaka is the senior project manager responsible for the entire project. Malaka has asked Ishara who is the senior DBA, to handle the database development and management process. This includes creating a secure database to the bank. Accordingly, she has designed the bankdb. Since there will be lot of users for the project, Kalpa is assigned with the responsibility of creating logins to the system. Surani is assigned to create tables, required views, stored procedures and triggers. Aruna and Malithi who are data entry operators are given the responsibility of inserting the data to the tables. Heshan should be able to generate reports as well as directly query the data or call functions and procedures.

Assuming that Kalpa's login name is kalpa.c which of the following statements is capable of giving him the only the permission to create logins.

securityadmin - manage logins and their properties

Select one or more:

- a. alter server role securityadmin add member kalpa.c
- b. alter server role sysadmin add member kalpa.c
- c. alter server role dbcreator add member kalpa.c
- d. alter server role db_owner add member kalpa.c
- e. alter server role dbowner add member kalpa.c

Which of the following statements are correct?

Select one or more:

- a. Prepared statements are more secure because they use bind variables
- b. Statement encapsulates an SQL statement which is passed to the database to be parsed and compiled
- c. executeQuery method could be used to execute a query and get results
- d. forName() method is used to load the driver to the memory
- e. PreparedStatement is efficient since it is pre-compiled

prepared statements are more secure
because they use bind variables, which can
prevent injection attack.

Statement encapsulates an SQL statement which is passed to the database to be parsed, compiled, planned, executed

QUESTION



Question 34

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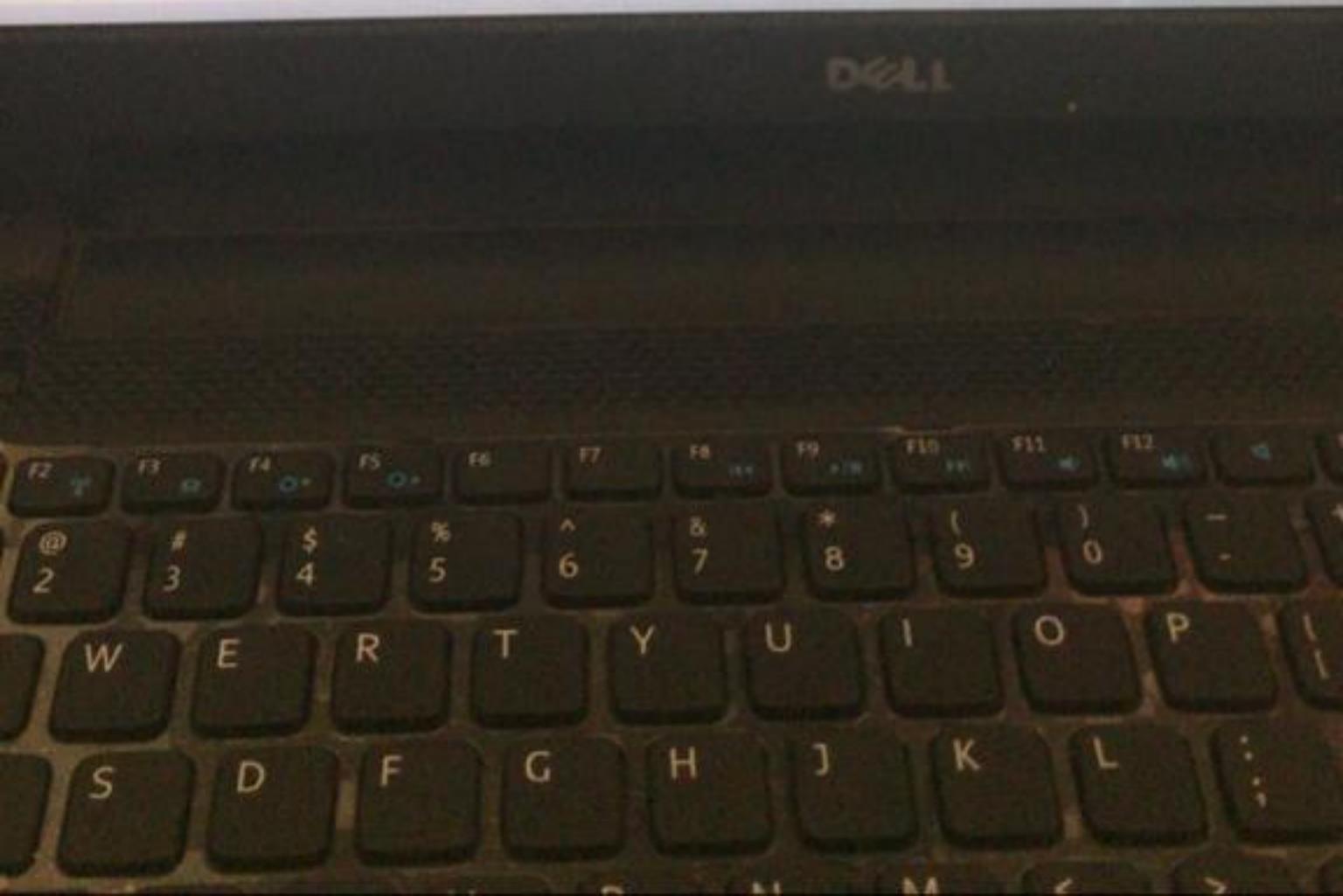
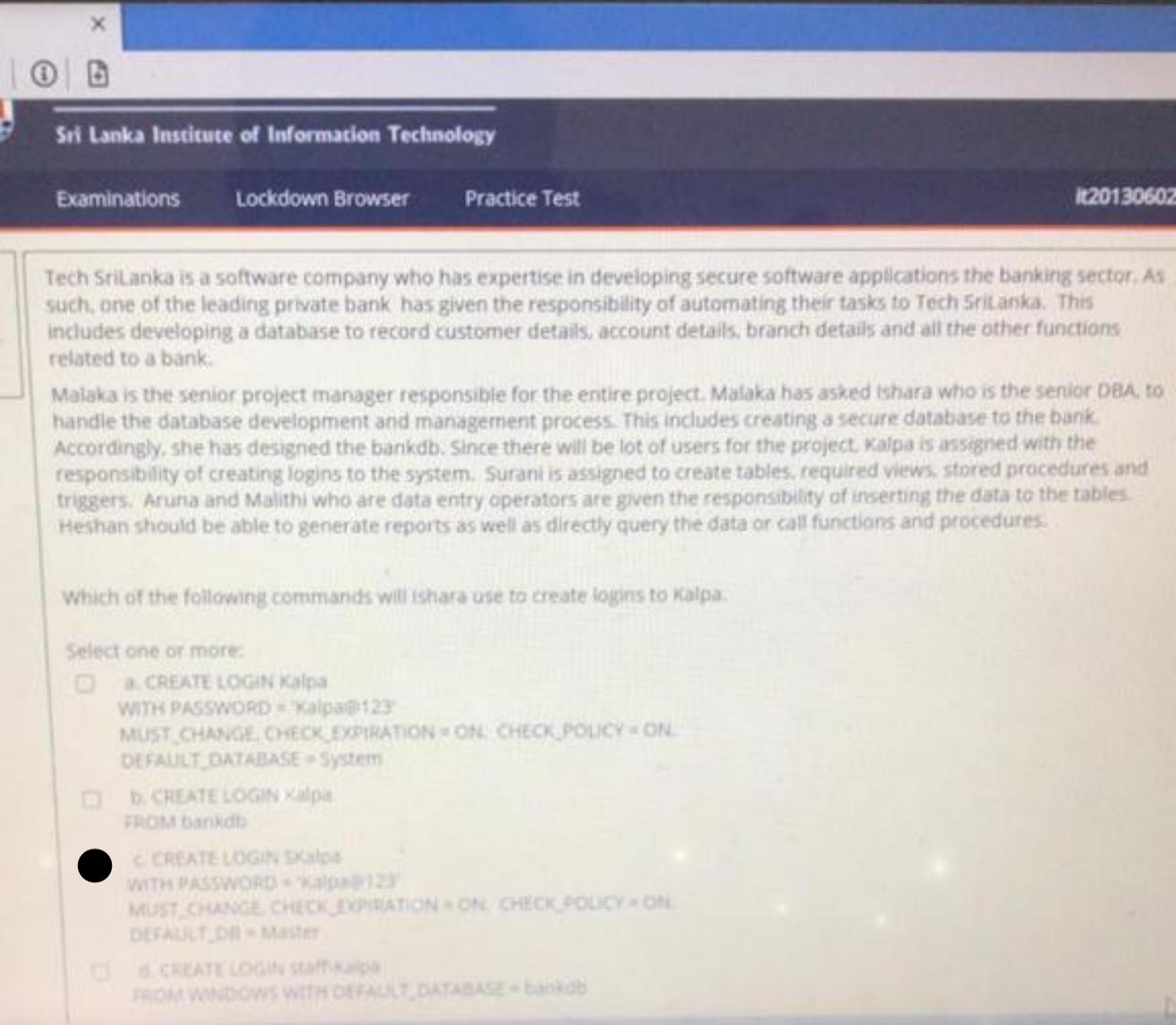
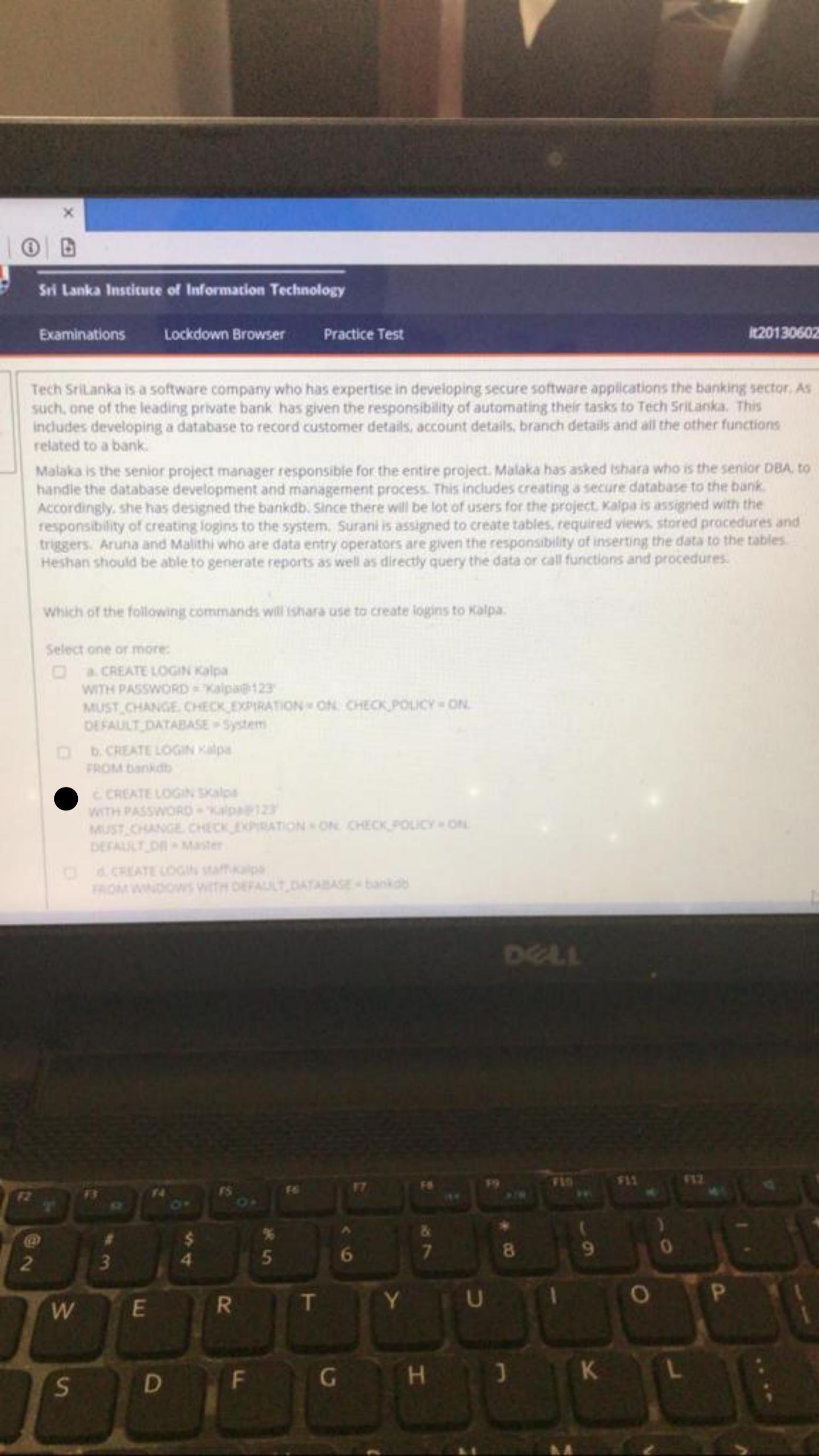
Techwire Lanka is a software company who has expertise in developing secure software applications the hotel industry. As such , a reputed global hotel chain has given the responsibility of automating their tasks to Techwire Lanka. Nalaka is the project manager responsible for the entire project . Nalaka has asked Malani who is the senior DBA to handle the database development and management process .This includes creating a secure database to the hotel. Malani is responsible for handling all the hotel reservations and bookings. Accordingly, she has designed the hoteldb . Since there will be lot of users for the project, Sonal is assigned with the responsibility of handling logins to the system. Akram is assigned to create tables , required views, stored procedures and triggers. Palika and Mahesh who are data entry operators are given the responsibility of inserting the data to the tables. With the data added to the database, Aruni should be able to generate reports as well as directly query the data or call functions and procedures.

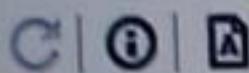
Assuming that Malani has a login by the name malani.k, Which of the following T-SQL statement/s required to assign her with the responsibility of handling the hoteldb.

Select one or more:

- a. ALTER ROLE db_datareader add member malani.k
- b. ALTER ROLE dbcreator add member malani.k
- c. ALTER ROLE db_owner ADD MEMBER malani.k
- d. ALTER ROLE sysadmin add member malani.k
- e. ALTER ROLE db_ddladmin add member malani.k

Next page





Which of the following statements are true ?

Select one or more:

- a. Consider the following statements :

```
declare @tot int  
select @tot=count(*) from student
```

executing the above statements will not display any output

- b. Consider the following T-SQL statements:

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'
```

The output for the above code is as follows :

```
inside the if statement  
count is greater than 75
```

- c. Consider the following T-SQL statements

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'  
else  
print 'inside the else statement'
```

the above code will result an error

- d. variables declared could be used in where clause only

- e. 'declare @ID int,@sum int' is a valid T-SQL statement

Which statement/s would be correct with regards to SQL-st

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievels (e.g. Select) and data insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

Which statement/s would be correct with regards to SQL-st

Select one or more:

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- c. Inside procedures data retrievels (e.g. Select) and data insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

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The default parameter type in stored procedures is

Select one:

- a. OUT
- b. INOUT
- c. OUTPUT
- d. IN
- e. There is no default type

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Question 7

Not yet answered

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Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Before a trigger is created for insert operation, the inserted table should be created by the user
- b. The updated table stores the values which a table is updated with after an update operation
- c. Inserted table have the same number of the columns as the table to which data are inserted
- d. Deleted is a virtual table
- e. The for clause in creating triggers are useful to specify the operations which will execute the trigger



2

Answered
of 1.0

Question

Which of the following are common tasks that could be included in a maintenance plan?

Select one or more:

- a. creating tables
- b. Clean up history
- c. Restore database
- d. Backup database
- e.

Verify the Integrity of Database





Question 9

Not yet answered

Marked out of 1.0

Flag question

Which of the following statements are **true** about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server procedures
- d. Once a TSQL function is created it can be called any mumber of times in a client application using 'exec' statement
- e. None of the given

Procedures are compiled only once but they can be called many times as needed without being compiled each time

Each and every time functions are compiled they provide output according to the given input

use of stored procedures can reduce network traffic between clients and servers, because the commands are executed as a single batch of code. This means only the call to execute the procedure is sent over a network, instead of every single line of code being sent individually

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≡ Quiz navigation

Finish attempt ...

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22	23	24	25
29	30	31	32



Question 6

Not yet answered

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Flag question

The default parameter type in stored procedures is

Select one:

- a. INOUT
- b. There is no default type
- c. IN
- d. OUTPUT
- e. OUT





Question 14

Not yet answered

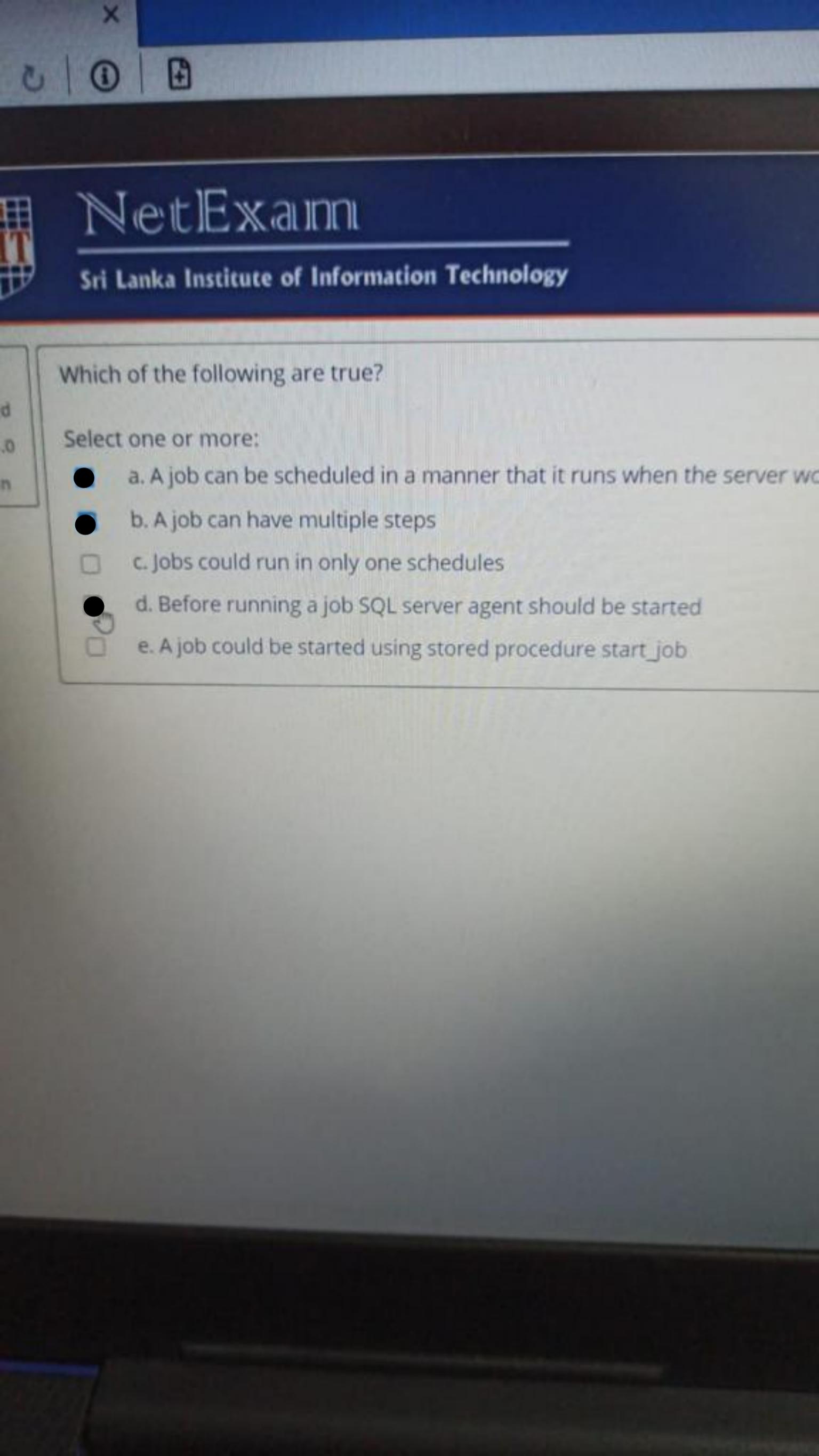
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Flag question

Which of the following are true?

Select one or more:

- a. Before running a job SQL server agent should be started
- b. A job can have multiple steps
- c. A job can be scheduled in a manner that it runs when the server workload is less
- d. Jobs could run in only one schedules
- e. A job could be started using stored procedure start_job



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Which of the following are true related to jobs?

Select one or more:

- a. A job can run one or many times depending on how it is scheduled
- b. A job can be altered by only its creator only job owner or sysadmin role can change the definition of job.
- c. Only system admin role could create jobs
- d. Job can run in response to an alert
- e. Success or failure status of the job is notified to the creator



Which of the following is/are true related to SQL Server import/export wizard?

Select one or more:

- a. The wizard is available in the SQL server enterprise edition
- b. Source in migrating data using import/export wizard could be a table in SQL server
- c. When a source in SQL server import/export wizard is a file the wizard identifies the structure of a file
- d. In migrating data to the SQL server data could be migrated to an existing table or a new table
- e. Source in migrating data using import/export wizard could be an Excel file



NOT SURE!!!

Which of the following is/are true related to SQL Server import/export wizard?

Select one or more:

- a. Source in migrating data using import/export wizard could be an Excel file
- b. Source in migrating data using import/export wizard could be a table in SQL server
- c. The wizard is available in the SQL server enterprise edition
- d. In migrating data to the SQL server data could be migrated to an existing table or a new table
- e. When a source in SQL server import/export wizard is a file the wizard identifies the structure of a file

Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

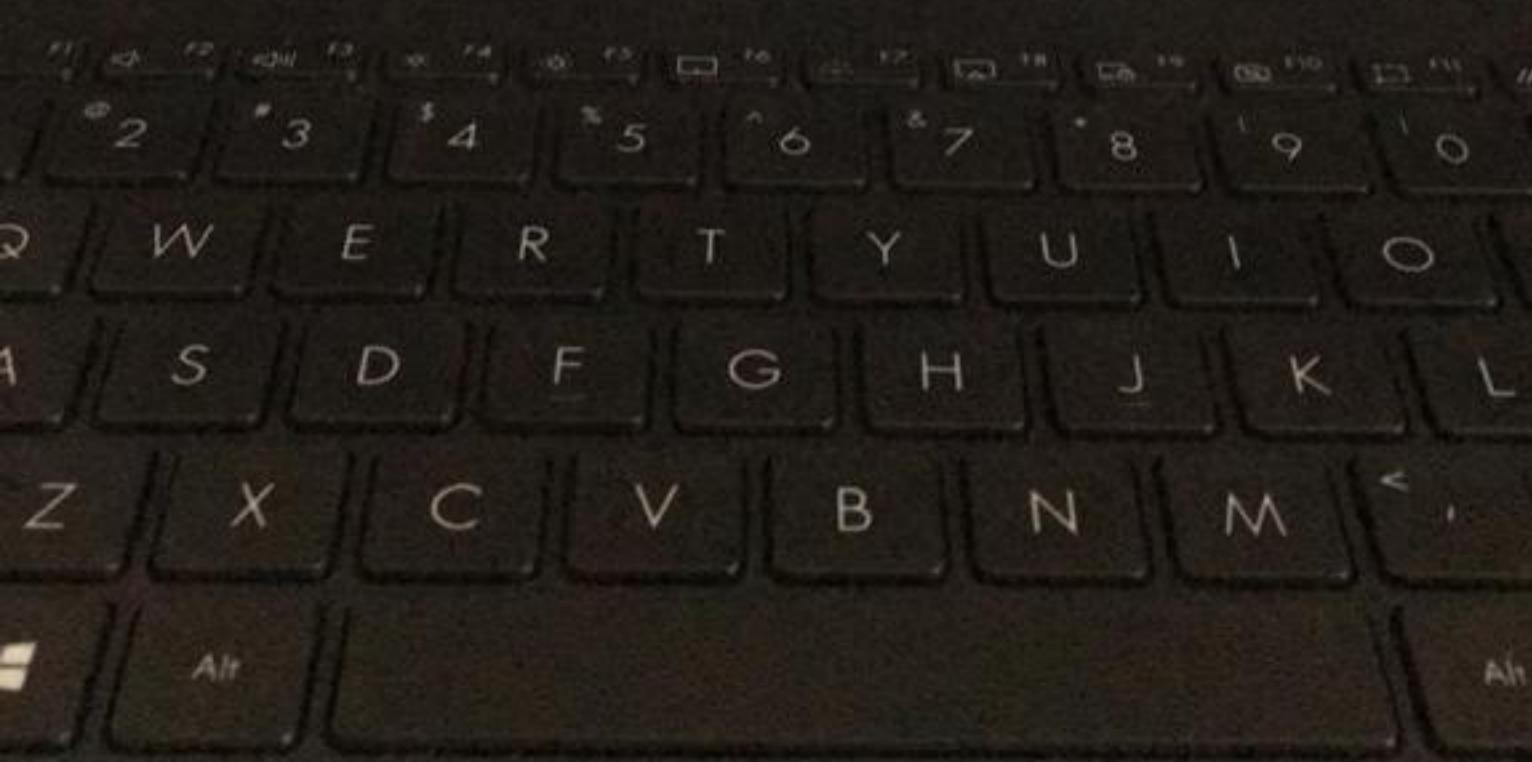
```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. Renaming the columns in this view is not mandatory
- b. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- c. This view is not updatable
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- e. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier supplied more than a total of 100 items

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In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers

Next page



Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained from the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using them, and then store the input data, along with the results of the calculation in two different base tables.
- c. An application running on a remote client needs to track every modification made to a table that contains sequential employee numbers when his information is stored in the database.
- d. An application running on a remote client needs to ensure that every new employee that joins the company gets a sequential employee number when his information is stored in the database.
- e. All of the given answers

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. View V1 cannot be used as a data source for other views
- b. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- c. View V1 can be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information



Question 6

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. Deleted is a virtual table
- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- e. Before a trigger is created for Insert operation, the inserted table should be created by the user



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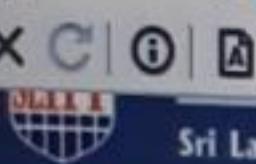
Which of the following statements are **true** about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result.
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server.
- d. Once a TSQL function is created it can be called any number of times in a client application using 'exec' statement.
- e. None of the given

use of stored procedures can reduce network traffic between clients and servers, because the commands are executed as a single batch of code. This means only the call to execute the procedure is sent over a network, instead of every single line of code being sent individually

Next



Which of the following statements are true ?

Select one or more:

- a. variables declared could be used in where clause only
- b. "declare @ID int,@sum int" is a valid T-SQL statement
- c. Consider the following T-SQL statements:

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
```

The output for the above code is as follows :

inside the if statement

count is greater than 75

- d. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
else
    print 'inside the else statement'
```

the above code will result an error

- e. Consider the following statements

```
declare @tot int
select @tot=count(*) from student
```

executing the above statements will not display any output



Question 6

Not yet answered

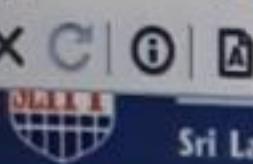
Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
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- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- e. Before a trigger is created for Insert operation, the inserted table should be created by the user



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```
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    print 'inside the if statement'
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```

The output for the above code is as follows :

inside the if statement

count is greater than 75

- d. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
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    print 'count is greater than 75'
else
    print 'inside the else statement'
```

the above code will result an error

- e. Consider the following statements

```
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select @tot=count(*) from student
```

executing the above statements will not display any output

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- view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?
- Select one or more:
- a. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
 - b. No data is copied to a separate physical location when V1 is created
 - c. View V1 cannot be used as a data source for other views
 - d. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
 - e. View V1 can be used as a data source for other views

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Section 3

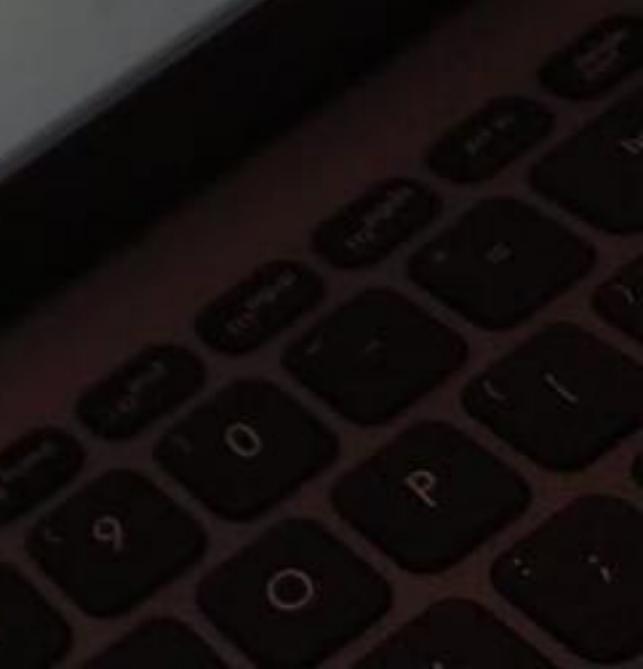
Not yet answered
Marked out of 1.0
Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data sequential employee number when his information is stored in the database
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique
- e. All of the given answers

Next Page



Question 1

Not yet answered

Marked out of 1.0

 Flag question

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
```

```
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
```

```
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
```

```
BEGIN
```

```
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
```

```
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
```

```
INSERT INTO tbl (col1) VALUES (2);
```

```
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 0
- b. 2
- c. 3
- d. 5
- e. 4



Consider the following procedure:

```
create procedure Swap(@x int out, @y int out)
```

as

begin

```
declare @tmp int
```

```
set @tmp = @x
```

To create a stored procedure with output parameter, we use the keywords OUT or OUTPUT

```
set @x = @y
```

```
set @y = @tmp
```

end

```
declare @x1 int
```

```
declare @y1 int
```

```
set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out,@y1 out
```

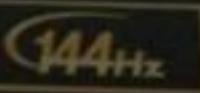
```
print @x1
```

```
print @y1
```

Select the correct statement related to the above code.

Select one:

- a. @x and @y are output parameters only
- b. @y is an input parameter and @x is an output parameter
- c. @x and @y are input parameters only
- d. Both @x and @y are input and output parameters
- e. @x is an input parameter and @y is an output parameter





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Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them
- b. All views are updatable
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data

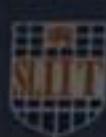


1
answered
1 out of 1.0
question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views



16

Answered

out of 1.0

Question

Which of the following statements are true?

Select one or more:

- a. SQL Server Agent allows you to automate a variety of administrative tasks
- b. Backup could be used to restore small numbers of files after they have been accidentally deleted
- c. SQL server agent is used to set a schedule for automatic backups to be done on a regular basis.
- d. To secure data a schedule could be set for automatic backups
- e. A customized maintenance plan could be created using jobs

???

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Question 11

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are true related to BCP tool?

Select one or more:

- a. BCP is a GUI utility
- b. BCP tool is installed default with Windows OS
- c. BCP tool is used to copy a bulk of data
- d. With BCP data could be migrated from a view
- e. BCP tool is used to migrate data from SQL server to files

Which of the following statements are true?

Select one or more:

- a. variables declared could be used in where clause only
 - b. "declare @ID int,@sum int" is a valid T-SQL statement
 - c. Consideration

c. Consider the following T-SQL statements:

```
declare @cnt int
```

```
set @cnt=10
```

```
    if (@cnt>75)  
        print 'inside the if stat'.
```

... inside the if statement
print 'count is greater than ...

output for the above code.

The output for the above code is as follows:

The `if` statement count is greater than 25.

- d. Consider the following T-SQL statements

```
Declare @cnt int  
Set @cnt = 1
```

$\text{f}(\text{cont}) = 100$

Print 'Count is greater than 100' inside the if statement



Question 6

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. Deleted is a virtual table
- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
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if (@cnt>75)
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    print 'count is greater than 75'
```

The output for the above code is as follows :

inside the if statement

count is greater than 75

- d. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
else
    print 'inside the else statement'
```

the above code will result an error

- e. Consider the following statements

```
declare @tot int
select @tot=count(*) from student
```

executing the above statements will not display any output



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Section 3

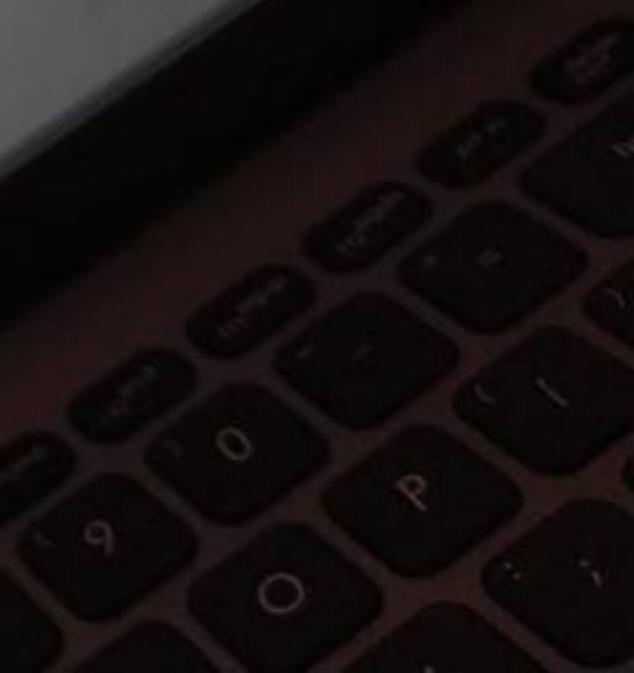
Not yet answered
Marked out of 1.0
Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique sequential employee number when his information is stored in the database
- e. All of the given answers

Next Page



**Question 1**

Not yet answered

Marked out of 1.0

[Flag question](#)

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
```

```
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
```

```
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
```

```
BEGIN
```

```
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
```

```
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
```

```
INSERT INTO tbl (col1) VALUES (2);
```

```
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 0
- b. 2
- c. 3
- d. 5
- e. 4

Which of the following is not an accurate statement about views?

Select one or more:

- a. Views can be used to restrict access to columns in a base table that contain sensitive data
- b. All views are updatable
- c. Views are publicly referenced names and no special authority or privilege is needed to use them.
- d. Views can be used to store queries that multiple applications execute on a regular basis in a database
- e. Views may degrade the performance of the database



1
answered
1 out of 1.0
question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

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Consider the following procedure:

```
create procedure Swap(@x int out, @y int out)
```

as

begin

```
declare @tmp int
```

```
set @tmp = @x
```

```
set @x = @y
```

```
set @y = @tmp
```

end

```
declare @x1 int
```

```
declare @y1 int
```

```
set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out,@y1 out
```

```
print @x1
```

```
print @y1
```

Select the correct statement related to the above code.

Select one:

- a. @x and @y are output parameters only
- b. @y is an input parameter and @x is an output parameter
- c. @x and @y are input parameters only
- d. Both @x and @y are input and output parameters
- e. @x is an input parameter and @y is an output parameter

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Which of the following is **not** an accurate statement about views?

Select one or more:

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- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data



Question 1

Not yet answered

Marked out of 1.0

Flag question

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1
answered
1 out of 1.0
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- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
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Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 5
- b. 4
- c. 2
- d. 3
- e. 0



Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. Views can be used to restrict access to columns in a base table that contain sensitive data
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. All views are updatable
- e. Views may degrade the performance of the database

Next page



Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers



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not answered

1 out of 1.0

g question

Which of the following statements are **true** about views?

Select one:

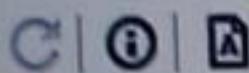
- a. A view cannot be created with a GROUP BY clause in the SELECT statement.
- b. A view cannot have an ORDER BY clause in the SELECT statement.
- c. A view must have aliases defined for the column names in the SELECT statement.
- d. A view can be created as a join on two or more tables.
- e. A view is readonly

Which of the following statements are **true** about views?

Select one:

- a. A view is readonly
- b. A view must have aliases defined for the column names in the SELECT statement.
- c. A view can be created as a join on two or more tables.
- d. A view cannot have an ORDER BY clause in the SELECT statement.
- e. A view cannot be created with a GROUP BY clause in the SELECT statement.





Which of the following statements are true ?

Select one or more:

- a. Consider the following statements :

```
declare @tot int  
select @tot=count(*) from student
```

executing the above statements will not display any output

- b. Consider the following T-SQL statements:

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'
```

The output for the above code is as follows :

```
inside the if statement  
count is greater than 75
```

- c. Consider the following T-SQL statements

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'  
else  
print 'inside the else statement'
```

the above code will result an error

- d. variables declared could be used in where clause only

- e. 'declare @ID int,@sum int' is a valid T-SQL statement



Question 10

yet answered

Marked out of 1.0

Flag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PL-SQL
- b. MS-SQL
- c. PG-SQL
- d. P-SQL
- e. T-SQL



Question 6

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. Deleted is a virtual table
- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- e. Before a trigger is created for Insert operation, the inserted table should be created by the user



Question 10

Not yet answered

Marked out of 1.0

Flag question

Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

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1
answered.
out of 1.0
question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data.
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique sequential employee number when his information is stored in the database.
- e. All of the given answers

Next page

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. View V1 can be used as a data source for other views
- b. View V1 cannot be used as a data source for other views
- c. No data is copied to a separate physical location when V1 is created
- d. All data, except SALARY data that is stored in the EMPLOYEE table, is copied to a separate physical location when V1 is created
- e. View V1 can be used in the same context as the EMPLOYEE table for retrieval operations that do not acquire SALARY information



Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views can be used to restrict access to columns in a base table that contain sensitive data
- b. All views are updatable
- c. Views may degrade the performance of the database
- d. Views are publicly referenced names and no special authority or privilege is needed to use them.
- e. Views can be used to store queries that multiple applications execute on a regular basis in a database



Which of the following events will NOT cause a DML trigger on table to be activated?

Select one or more:

- a. An alter table operation
- b. An update operation
- c. A select operation
- d. A delete operation
- e. An insert operation

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));  
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, act  
VARCHAR(20));  
  
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS  
BEGIN  
  
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT  
DATE, 'Insert');  
  
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');  
INSERT INTO tbl (col1) VALUES (2);  
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 0
- c. 2
- d. 5
- e. 3

Which of the following is not an accurate statement about views?

Select one or more:

- a. Views may degrade the performance of the database
- b. Views can be used to restrict access to columns in a base table to sensitive data
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. Views are publicly referenced names and no special authority or privilege is needed to use them.
- e. All views are updatable



Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));  
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, act  
VARCHAR(20));  
  
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS  
BEGIN  
  
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT  
DATE, 'Insert');  
  
END
```

If user USER1 executes the following statements:

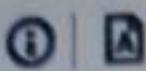
```
INSERT INTO tbl VALUES (1, 'abc');  
INSERT INTO tbl (col1) VALUES (2);  
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 0
- c. 2
- d. 5
- e. 3

X



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Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PL-SQL
- b. PG-SQL
- c. P-SQL
- d. T-SQL
- e. MS-SQL



Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

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answered
out of 1.0
question

create procedure Swap(@x int out, @y int out)

as

begin

declare @tmp int

set @tmp = @x

set @x = @y

set @y = @tmp

end

declare @x1 int

declare @y1 int

set @x1 = 3

set @y1 = 4

exec swap @x1 out,@y1 out

print @x1

print @y1

XXX

Select the correct statement related to the above code.

Select one:

- a. @x is an input parameter and @y is an output parameter
- b. @x and @y are input parameters only
- c. @y is an input parameter and @x is an output parameter
- d. Both @x and @y are input and output parameters



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Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. All views are updatable
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database.
- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data



Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers



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In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in the input data, along with the results of the calculation in two different base tables.
- b. An application running on a remote client needs to collect three input values, perform a calculation on them, and then store the result in a table.
- c. An application running on a remote client needs to track every modification made to a table that contains sequential employee numbers when his information is stored in the database.
- d. An application running on a remote client needs to ensure that every new employee that joins the company gets a unique employee number.
- e. All of the given answers

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Which of the following statements are **true** about views?

Select one:

- a. A view cannot have an ORDER BY clause in the SELECT statement.
- b. A view must have aliases defined for the column names in the SELECT statement.
- c. A view is readonly
- d. A view can be created as a join on two or more tables.
- e. A view cannot be created with a GROUP BY clause in the SELECT statement.



Question 2

not yet answered

Marked out of 1.0

▼ suggestion

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. No data is copied to a separate physical location when V1 is created
- b. View V1 cannot be used as a data source for other views
- c. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- d. View V1 can be used as a data source for other views
- e. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not require SALARY information

[Next page](#)



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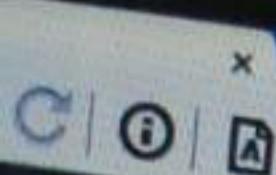
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rag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PG-SQL
- b. MS-SQL
- c. T-SQL
- d. PL-SQL
- e. P-SQL



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Which of the following statements are **true** about views?

Select one:

- a. A view cannot be created with a GROUP BY clause in the SELECT statement.
- b. A view cannot have an ORDER BY clause in the SELECT statement.
- c. A view can be created as a join on two or more tables.
- d. A view must have aliases defined for the column names in the SELECT statement.
- e. A view is readonly

Which of the following statements are **true** about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server
- d. Once a TSQL function is created it can be called any number of times in a client application using 'exec' statement
- e. None of the given

Question 5

Not yet answered

Marked out of 1.0

 Flag question

Consider the following statements to create a view

```
Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)
```

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)  
from Product p, Supplier s, Supplies sp  
where p.productID=sp.productID and sp.supplierID=s.supplierID  
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- b. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- c. This view is not updatable
- d. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items
- e. Renaming the columns in this view is not mandatory



Question 6

Not yet answered

Marked out of 1.0

A small icon of a flag with a diagonal line through it, indicating a flagged question.

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. The updated table stores the values which a table is updated with after an update operation
- c. Before a trigger is created for insert operation, the inserted table should be created by the user
- d. Deleted is a virtual table
- e. The for clause in creating triggers are useful to specify the operations which will execute the trigger

Which of the following is not an accurate statement about views?

Select one or more:

- a. Views can be used to restrict access to columns in a base table that contain sensitive data
- b. All views are updatable
- c. Views are publicly referenced names and no special authority or privilege is needed to use them.
- d. Views can be used to store queries that multiple applications execute on a regular basis in a database
- e. Views may degrade the performance of the database

- view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?
- Select one or more:
- a. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
 - b. No data is copied to a separate physical location when V1 is created
 - c. View V1 cannot be used as a data source for other views
 - d. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
 - e. View V1 can be used as a data source for other views



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answered
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question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views



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Question 5
Total unanswered
marked for review
Flag question

Which of the following statements are true about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result.
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server.
- d. Once a TSQL function is created it can be called any number of times in a client application using 'exec' statement.
- e. None of the given

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≡ Quiz navigation

Finish attempt...

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Which of the following is/are true related to triggers

Select one or more:

- a. SQL server Triggers only respond to insert, update and delete operations.
- b. The for clause specifies the table name on which the trigger is to be attached
- c. In instead of triggers, trigger is executed before the table is updated
- d. A for trigger execute after the operation(insert ,update ,delete) has taken place in the table
- e. Triggers are useful for auditing and imposing business logic

NOT SURE!!!



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Question 5

Not yet answered

Marked out of 1.0

Flag question

The default parameter type in stored procedures is

Select one:

- a. INOUT
- b. There is no default type
- c. OUT
- d. IN
- e. OUTPUT

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Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- c. The updated table stores the values which a table is updated with after an update operation
- d. Before a trigger is created for insert operation, the inserted table should be created by the user
- e. Deleted is a virtual table

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Consider the following statements to create a view

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Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items
- b. Renaming the columns in this view is not mandatory
- c. This view is not updatable
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- e. Any query written over Products, Suppliers or Supplies tables could be performed on this view

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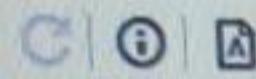
9 10

17 18

25 26

33 34

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Which of the following events will NOT cause a DML trigger on table to be activated?

Select one or more:

- a. An alter table operation
- b. An insert operation
- c. An update operation
- d. A delete operation
- e. A select operation

Which of the following statements are true ?

Select one or more:

- a. Consider the following T-SQL statements
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
else
print 'inside the else statement'
the above code will result an error
- b. variables declared could be used in where clause only
- c. Consider the following statements :
declare @tot int
select @tot=count(*) from student
executing the above statements will not display any output
- d. "declare @ID int,@sum int" is a valid T-SQL statement
- e. Consider the following T-SQL statements:
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
The output for the above code is as follows :
inside the if statement
count is greater than 75

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers

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Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. Renaming the columns in this view is not mandatory
- b. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- c. This view is not updatable
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- e. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier supplied more than a total of 100 items

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Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained from the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using them, and return the input data, along with the results of the calculation in two different base tables.
- c. An application running on a remote client needs to track every modification made to a table that contains sequential employee numbers when his information is stored in the database.
- d. An application running on a remote client needs to ensure that every new employee that joins the company gets a sequential employee number when his information is stored in the database.
- e. All of the given answers

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. View V1 cannot be used as a data source for other views
- b. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- c. View V1 can be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information

Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers



Next page



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Which of the following statements are **true** about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result.
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server.
- d. Once a TSQL function is created it can be called any number of times in a client application using 'exec' statement.
- e. None of the given



Question **9**

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- b. Inserted table have the same number of the columns as the table to which data are inserted
- c. Deleted is a virtual table
- d. The updated table stores the values which a table is updated with after an update operation
- e. Before a trigger is created for insert operation, the inserted table should be created by the user

Question 1

Not yet answered

Marked out of
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Flag question

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Time

Consider the following relations in a database created for a university.

Module (mCode: char(6), mName: varchar (50), credits: int, specialization: char (4), year: int, semester: int)

Student (sid: char(10), sName: varchar(50), age: int, gpa: int, address: varchar(50))

Follow (sId: char(10), mCode: char(6), semester: int, academicYear: int, grade: char(1))

Class (cId: int, mCode: char(6), sId: Char(10), type: varchar(10), day: char(3), time:time, length: int, hId: char(4))

Hall (hId: char(4), building: varchar(15), floorNo: int, capacity: int)

Module relation stores the module code, name, number of credits, and the specialization the module belongs to (such as 'IT', 'SE', 'CSN'), year and the semester of the module.

Student relation stores the ID, name, age, cumulative gpa, and address of all students.

???

For each student following a module in the university the Follow relation stores the ID of the student, code of the module, the semester the module is offered (such as 1 and 2), the academic year the student has followed the module (such as 2018 and 2019) and the grade he received for the module.

The Class relation stores the id , code, type of the class (such as 'lecture' and 'tutorial'), day the class is conducted such as ('Mon', "Tue", 'Wed'), start time of the class, length of the class in hours, and the id of the hall the class is conducted.

Hall relation stores the ID, name of the building the hall is in, floor number the hall is in, and capacity of each Hall.

Create a function named 'getAvailability' which takes class id and module code as inputs and returns the number of more students that could be added to the class based on class size and the capacity of the hall.



Question 1

yet answered

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Consider the following relations in a database created for a library.

Book (bookID char(10), bookName varchar(30), ISBN varchar(30), category varchar(15))

Member Type (typeID int, TypeName varchar(10), limit int)

Member (memID int, memName varchar(20), address varchar(30), contact int, memberType int)

Loan (memID int, bookID char(10), borrowdate date, duedate date)

All details about the books in the library is available in the Book relation. Registered library member details are available in the Member relation. Each member belong to a member category (undergraduate, postgraduate, academic and non academic) Each category has a maximum limit of books that can be purchased by a member in a given category.

XXXX

Create a function to return the total number of books that can be borrowed by a given member on a particular date.



**Question 2**

Not yet answered

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Consider the following relations in a database created for a university.

Module (mCode: char(6), mName: varchar (50), credits: int, specialization: char (4), year: int, semester: int)

Student (sid: char(10), sName: varchar(50), age: int, gpa: int, address: varchar(50))

Follow (sid: char(10), mCode: char(6), semester: int, academicYear: int, grade: char(1))

Class (cId: int, mCode: char(6), sId: Char(10), type: varchar(10), day: char(3), time:time, length: int, hId: char(4))

Hall (hId: char(4), building: varchar(15), floorNo: int, capacity: int)

Quiz

1 2

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Module relation stores the module code, name, number of credits, and the specialization the module belongs to (such as 'IT', 'SE', 'CSN'), year and the semester of the module.

Student relation stores the ID, name, age, cumulative gpa, and address of all students.

For each student following a module in the university the Follow relation stores the ID of the student, code of the module, the semester the module is offered (such as 1 and 2), the academic year the student has followed the module (such as 2018 and 2019) and the grade he received for the module.

The Class relation stores the id , code, type of the class (such as 'lecture' and 'tutorial'), day the class is conducted such as ('Mon', 'Tue', 'Wed'), start time of the class, length of the class in hours, and the id of the hall the class is conducted.

Hall relation stores the ID, name of the building the hall is in, floor number the hall is in, and capacity of each Hall.

~~XXX~~

Create a view named 'ClassDetails' that contains class id, module name, year the module is offered, specialization, type of class and the size of the class for each class.

Question 1

Not yet answered

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Flag question

Consider the following relations in a database created for a university.

Module (mCode: char(6), mName: varchar (50), credits: int, specialization: char (4), year: int, semester: int)

Student (sid: char (10), sName: varchar(50), age: int, gpa: int, address: varchar(50))

Follow (sid: char(10), mCode: char(6), semester: int, academicYear: int, grade: char(1))

Class (cid: int, mCode: char(6), sld: Char(10), type: varchar(10), day: char(3), time:time, length: int, hld: char(4))

Hall (hld: char(4), building: varchar(15), floorNo: int, capacity: int)

Quiz**1** **2**

Finish attempt

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Module relation stores the module code, name, number of credits, and the specialization the module belongs to (such as 'IT', 'SE', 'CSN'), year and the semester of the module.

XXX

Student relation stores the ID, name, age, cumulative gpa, and address of all students.

For each student following a module in the university the Follow relation stores the ID of the student, code of the module, the semester the module is offered (such as 1 and 2), the academic year the student has followed the module (such as 2018 and 2019) and the grade he received for the module.

The Class relation stores the id , code, type of the class (such as 'lecture' and 'tutorial'), day the class is conducted such as ('Mon', "Tue", 'Wed'), start time of the class, length of the class in hours, and the id of the hall the class is conducted.

Hall relation stores the ID, name of the building the hall is in, floor number the hall is in, and capacity of each Hall.

Create a function named 'getAvailability' which takes class id and module code as inputs and returns the number of more students that could be added to the class based on class size and the capacity of the hall.

Search history

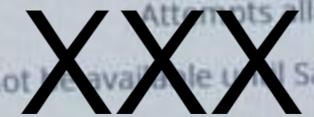
View

1. This quiz contain 35 MCQ questions
2. The duration of the quiz is 1 hour
3. The students cannot navigate backward in this quiz
4. Students are expected to use the lockdown browser for the quiz



This quiz has been configured so that students may only attempt it using the Respondus LockDown Browser.

Attempts allowed: 1



The quiz will not be available until Saturday, 29 May 2021, 11:00 AM

This quiz will close on Saturday, 29 May 2021, 12:10 PM.

Time limit: 1 hour

Respondus LockDown Browser is required for this exam.

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This quiz is not currently available

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Information Systems & I

Modeling - IT1090

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Active Technologies - IT1100

Go... Mathematics for Comput

- IT1030

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Flag question

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1 2

Finish attempt ...

Time left 0:36:22

Consider the following relations in a database created for a library.

Book (bookID char(10), bookName varchar(30), ISBN varchar(30), category varchar(15))

Member Type (typeID int, TypeName varchar(10), limit int)

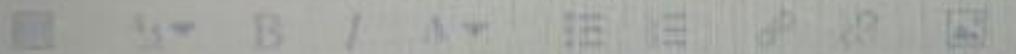
Member (memID int, memName varchar(20), address varchar(30), contact int, memberType int)

Loan (memID int, bookID char(10), borrowdate date, duedate date)

All details about the books in the library is available in the Book relation. Registered library member details are available in the Member relation. Each member belongs to a member category (undergraduate, postgraduate, academic and non academic) Each category has a maximum limit of books that can be purchased by a member in a given category.

XXX

**Write a trigger to ensure that a member does not borrow books more than the number of books he/she could borrow at a given time.
(Hint: Use the function created in Question 1).**



Moodle

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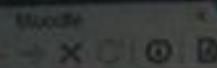
Page failed to load.

URL: <https://netexam.sliit.lk/mod/quiz/processattempt.php?cmid=2722>

Error: (-118)

ERR_CONNECTION_TIMED_OUT

XXX



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A required parameter 'pathname' was missing.

[More information about this error](#)

[CONTINUE](#)

LightCloud Browser - Version 2.0.1.11

Please DO NOT close the browser until the exam is complete. Your instructor will be notified if you exit the exam early.

[Return to Exam](#)

[Close this browser](#)

XXX



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Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 5
- c. 0
- d. 3
- e. 2

Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views can be used to restrict access to columns in a base table that contain sensitive data
- b. Views can be used to store queries that multiple applications execute on a regular basis in a database
- c. Views may degrade the performance of the database
- d. Views are publicly referenced names and no special authority or privilege is needed to use them.
- e. All views are updatable



Consider the following procedure:

```
create procedure Swap(@x int out, @y int out)
```

```
as
```

```
begin
```

```
declare @tmp int
```

```
set @tmp = @x
```

```
set @x = @y
```

```
set @y = @tmp
```

```
end
```

```
declare @x1 int
```

```
declare @y1 int
```

```
set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out @y1 out
```

```
print @x1
```

```
print @y1
```



Select the correct statement related to the above code.

Select one

- A. @x and @y are output parameters only

```
as  
begin  
declare @tmp int  
set @tmp = @x  
set @x = @y  
set @y = @tmp  
end
```

```
declare @x1 int  
declare @y1 int  
set @x1 = 3  
set @y1 = 4  
exec swap @x1 out,@y1 out  
print @x1  
print @y1
```

Select the correct statement related to the above code.

Select one:

- a. @x and @y are output parameters only
- b. @y is an input parameter and @x is an output parameter
- c. @x and @y are input parameters only
- d. Both @x and @y are input and output parameters
- e. @x is an input parameter and @y is an output parameter

Question 1

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers

[Next page](#)

**Question 2**

Not yet answered

Marked out of 1.0

Flag question

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
```

```
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
```

```
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
```

```
BEGIN
```

```
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE,'Insert');
```

```
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
```

```
INSERT INTO tbl (col1) VALUES (2);
```

```
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 2
- c. 0
- d. 3
- e. 5





1
answered
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question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views

Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. Renaming the columns in this view is not mandatory
- b. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- c. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- d. This view is not updatable
- e. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE,'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 5
- b. 3
- c. 2
- d. 4
- e. 0



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Question 5

Not yet answered

Marked out of 1.0

Flag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PL-SQL
- b. P-SQL
- c. T-SQL
- d. MS-SQL
- e. PG-SQL



Next page

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Finish attempt

Time left 0:4

1	2
8	9
15	16
22	23
29	30

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9	10	11
17	18	19
25	26	27
33	34	35

```
create procedure Swap(@x int out, @y int out)
```

```
as
```

```
begin
```

```
declare @tmp int
```

```
set @tmp = @x
```

```
set @x = @y
```

```
set @y = @tmp
```

```
end
```

```
declare @x1 int
```

```
declare @y1 int
```

```
set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out,@y1 out
```

```
print @x1
```

```
print @y1
```

Select the correct statement related to the above code

Select one:

- a. @x is an input parameter and @y is an output parameter
- b. @x and @y are input parameters only
- c. Both @x and @y are input and output parameters
- d. @x and @y are output parameters only



Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

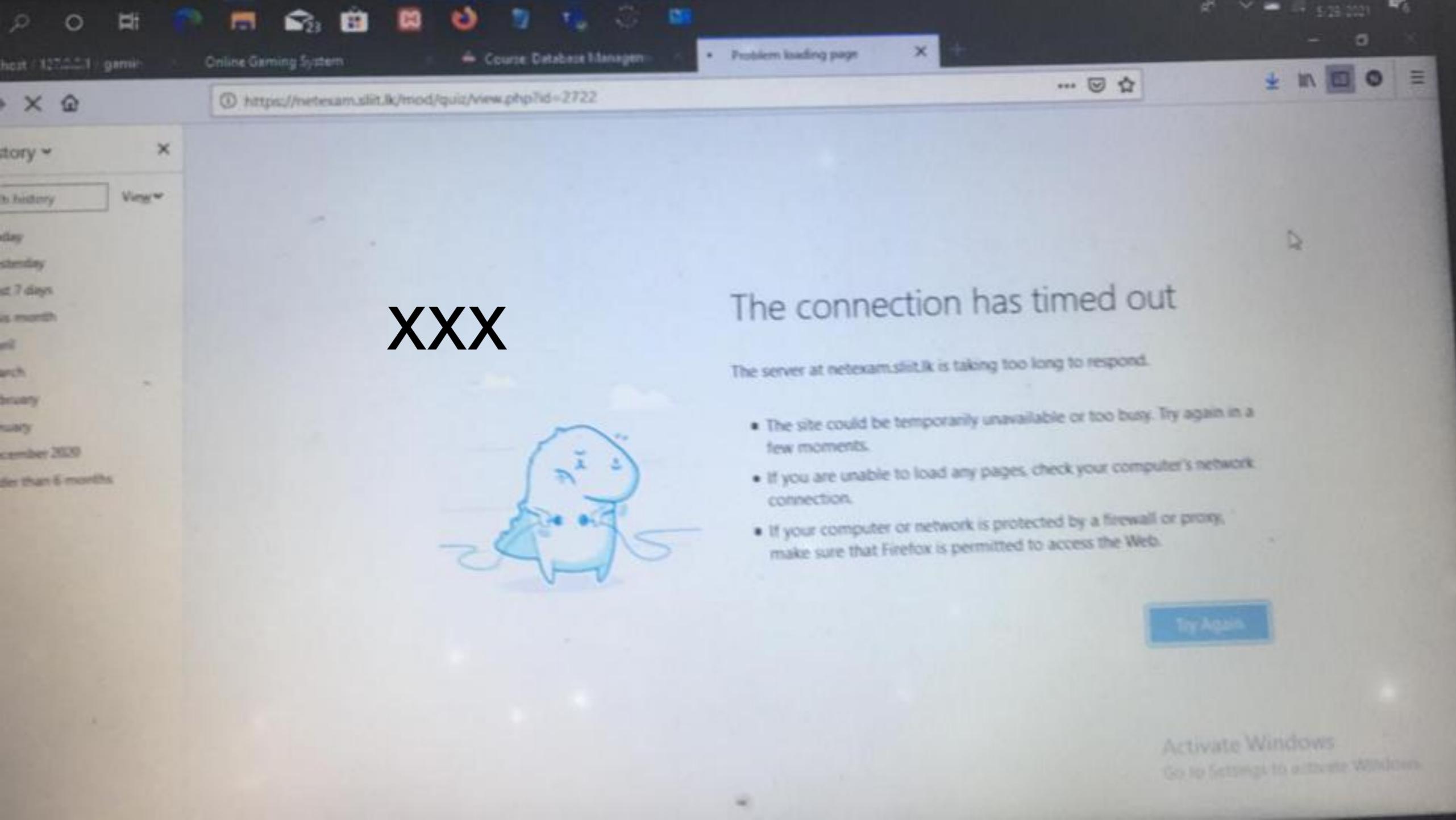
If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 5
- b. 4
- c. 2
- d. 3
- e. 0



The connection has timed out

The server at netexam.sliit.lk is taking too long to respond.

- The site could be temporarily unavailable or too busy. Try again in a few moments.
- If you are unable to load any pages, check your computer's network connection.
- If your computer or network is protected by a firewall or proxy, make sure that Firefox is permitted to access the Web.

[Try Again](#)

Activate Windows
Go to Settings to activate Windows

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Which of the following techniques are not techniques used for data migration?

Select one or more:

- a. BPC
- b. SPSS
- c. BULK INSERT
- d. Migration wizard
- e. SELECT INTO

With BCP the data migrated can be a table or a SQL query result

SQL Server Integration Services (SSIS)

- Using the SQL Server Import and Export Wizard
- Using BCP to Import and Export Data
- BULK INSERT
- SELECT INTO command



Which of the following statements are true?

Select one or more:

- a. Backup could be used to restore small numbers of files after they have been accidentally deleted
- b. SQL Server Agent allows you to automate a variety of administrative tasks
- c. A customized maintenance plan could be created using jobs
- d. To secure data a schedule could be set for automatic backups
- e. SQL server agent is used to set a schedule for automatic backups to be done on a regular basis.

Next page

???





Which of the following is/are true?

Select one or more:

- a. BULK INSERT loads data from a table into a file.
- b. Select into command automatically creates the destination table
- c. Field terminator parameter for BULK Insert command is useful to identify columns in a file
- d. In select into command source and destination should be tables in SQL Server
- e. When importing data from a file using import/export wizard data types of the data could be changed

Tables can be on the same SQL Server or linked SQL servers or on different types of servers using distributed queries

SELECT INTO can also create the destination table automatically before copying the data



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Question 14

Not yet answered
Marked out of 1.0
Flag question

Which of the following are true related to jobs?

Select one or more:

- a. A job can run one or many times depending on how it is scheduled
- b. Success or failure status of the job is notified to the creator
- c. Job can run in response to an alert
- d. Only system admin role could create jobs
- e. A job can be altered by only its creator

Which of the following are true?

Select one or more:

- a. The process of recovering stored copies of critical files and folders from another medium known as data verification data restoration
- b. Differential backups and transactional backups take backup from a specific date
- c. Back up of the database should be done frequently
- d. With SQL server backup could be stored in an external URL
- e. Full backup takes the backup of complete data as of today

Important data should be backed up at least once a week, but preferably once every twenty-four hours. These backups can be performed manually or automatically. A lot of automatic software options are available that you can set to make a backup of your data at a set time of the day or week.

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Which of the following are true?

Select one or more:

- a. A job can have multiple steps
- b. A job can be scheduled in a manner that it runs when the server workload is less
- c. A job could be started using stored procedure start_job
- d. Jobs could run in only one schedules
- e. Before running a job SQL server agent should be started



Question 15

Not yet answered

Marked out of 1.0

P Reg question

Which of the following is/are true related to BCP tool?

Select one or more:

- a. BCP tool is installed default with Windows OS
- b. BCP is a GUI utility
- c. BCP tool is used to migrate data from SQL server to files
- d. BCP tool is used to copy a bulk of data
- e. With BCP data could be migrated from a view



Which of the following is/are true?

Select one or more:

- a. Select into command automatically creates the destination table
- b. Field terminator parameter for BULK Insert command is useful to identify columns in a file
- c. In select into command source and destination should be tables in SQL Server
- d. When importing data from a file using import/export wizard data types of the data could be changed
- e.

BULK INSERT loads data from a table into a file.

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Question 28

Not yet answered

Marked out of 1.0

Flag question

Techwire Lanka is a software company who has expertise in developing secure software. As such, a reputed global hotel chain has given the responsibility of automating their database development and management process. This includes creating a secure database responsible for handling all the hotel reservations and bookings. Accordingly, she has assigned to create tables, required views, stored procedures and triggers. Palika and operators are given the responsibility of inserting the data to the tables. With the data should be able to generate reports as well as directly query the data or call functions.

???

Which of the following's should you need to provide the necessary permission Palika and user names are palika.b and mahesh.h respectively

Select one or more:

- a. ALTER ROLE dataEntry ADD MEMBER mahesh.h
- b. GRANT INSERT on bankDB to dataEntry
- c. ALTER ROLE db_owner add member mahesh.h
- d. ALTER ROLE db_owner add member palika.b
- e. ALTER ROLE dataEntry ADD MEMBER palika.b

Which of the following are true?

Select one or more:

- a. Differential backups and transactional backups take backup from a specific date
- b. The process of recovering stored copies of critical files and folders from another medium known as data ve
- c. With SQL server backup could be stored in an external URL
- d. Full backup takes the backup of complete data as of today
- e. Back up of the database should be done frequently

NOT SURE!!!

Which of the following are true related to jobs?

Select one or more:

- a. A job can be altered by only its creator
- b. Only system admin role could create jobs
- c. Job can run in response to an alert
- d. Success or failure status of the job is notified to the creator
- e. A job can run one or many times depending on how it is scheduled

Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. In the PreparedStatement you cannot provide insert fields
- b. You cannot have more than one parameter in the PreparedStatement
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The (?) mark is used to pass parameters into the insert command
- e. The value will be set by calling the setter methods of PreparedStatement

Consider the following code segment. What is/are false related to CallableStatement ?

```
CallableStatement cstmt = null;
try {
    String SQL = "{call getEmpName (?, ?)}";
    cstmt = conn.prepareCall (SQL);
    ...
}
catch (SQLException e) {
    ...
}
finally {
    ...
}
```

Select one or more:

- a. String variable SQL represents the stored procedure, with parameter placeholders
- b. SQLException is handled by introducing a try catch block
- c. The SQLException is occurred when prepareCall () is connected
- d. Bind values to all the parameters before executing the statement, or will receive an SQLException
- e. The callable statement is prepared by calling the conn.prepareStatement()

1	2
9	10
17	18
25	26
33	34

Consider the following code segment. What is/are issue related to CallableStatement?

```
CallableStatement cstmt = null;  
try {  
    String SQL = "proc getName (?, ?)";  
    cstmt = conn.prepareCall (SQL);  
    ...  
    catch (SQLException e) {  
        ...  
    }  
    finally {  
        ...  
    }  
}
```

Select one or more:

- a. String variable SQL represents the stored procedure, with parameter placeholders
- b. SQLException is handled by introducing a try catch block.
- c. The SQLException is occurred when prepareCall () is connected
- d. Bind values to all the parameters before executing the statement, or will receive an SQLException.
- e. The callable statement is prepared by calling the conn.prepareCall ()

Which of the following is/are true?

Select one or more:

- a. Select into command automatically creates the destination table
- b. Field terminator parameter for BULK Insert command is useful to identify columns in a file
- c. In select into command source and destination should be tables in SQL Server
- d. When importing data from a file using import/export wizard data types of the data could be changed
- e.

BULK INSERT loads data from a table into a file.



19

answered
out of 1.0
question

Consider the following code segment. What is true related to CallableStatement ?

```
CallableStatement cs=con.prepareCall("{?=call getAvailableSeats(?)}");
cs.setString(2, "Cinnemaworld");
cs.registerOutParameter(1, java.sql.Types.INTEGER);
cs.execute();
```

???

Select one or more:

- a. An SQLException is occurred when prepareCall () method is connected
- b. The CallableStatement object is used for IN parameters only
- c. The string object can be retrieved by calling the method registerOutParameter()
- d. The CallableStatement contains the information to execute a call to a database stored procedure, getAvailableSeats
- e. A description of the error can be called by providing the index 1 and 2

19

answered
out of 1.0
question

Consider the following code segment. What is true related to CallableStatement ?

```
CallableStatement cs=con.prepareCall("{?=call getAvailableSeats(?)}");
cs.setString(2, "Cinnemaworld");
cs.registerOutParameter(1, java.sql.Types.INTEGER);
cs.execute();
```

???

Select one or more:

- a. An SQLException is occurred when prepareCall () method is connected
- b. The CallableStatement object is used for IN parameters only
- c. The string object can be retrieved by calling the method registerOutParameter()
- d. The CallableStatement contains the information to execute a call to a database stored procedure, getAvailableSeats
- e. A description of the error can be called by providing the index 1 and 2



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Question 22

Not yet answered
Marked out of 1.0
 Flag question

Which of the following statements are correct?

Select one or more:

- a. Prepared statements are more secure because they use bind variables
- b. PreparedStatement is efficient since it is pre-compiled
- c. executeQuery method could be used to execute a query and get results
- d. Statement encapsulates an SQL statement which is passed to the database to be parsed and compiled
- e. forName() method is used to load the driver to the memory

ASUS VivoBook



Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?,?)");
```

Select one or more:

- a. The value will be set by calling the setter methods of PreparedStatement
- b. You cannot have more than one parameter in the PreparedStatement
- c. Once a PreparedStatement is prepared, it cannot be reused after execution
- d. The (?) mark is used to pass parameters into the insert command
- e. In the PreparedStatement you cannot provide insert fields



ation 10

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Flag question

Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items
- b. This view is not updatable
- c. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- d. Renaming the columns in this view is not mandatory
- e. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.



What is the correct sequence to create a database connection?

- a. Import JDBC packages.
- b. Open a connection to the database.
- c. Execute the statement object
- d. Create a statement object
- e. Close the resultset and statement objects.
- f. Load and register the JDBC driver.
- g. Process the resultset.
- h. Close the connection.

Select one:

- a. a, f, b, d, c, e, g, h
- b. a, b, f, d, c, e, g, h
- c. a, f, b, d, c, g, e, h
- d. a, f, b, d, c, h, e, g
- e. a, e, f, d, c, b, g, h



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Question 24

Not yet answered

Marked out of 1.0

Flag question

Which of the following methods could be used to check whether there are any more unfetched tuples in a result set in JDBC?

Select one:

- a. Current()
- b. Access()
- c. Read()
- d. Next()
- e. Fetch()

Which of the following is/are true related to BCP tool?

Select one or more:

- a. BCP tool is installed default with Windows OS
- b. BCP is a GUI utility
- c. BCP tool is used to migrate data from SQL server to files
- d. BCP tool is used to copy a bulk of data
- e. With BCP data could be migrated from a view

Techwire Lanka is a software company who has expertise in developing secure software applications the hotel industry. As such , a reputed global hotel chain has given the responsibility of automating their tasks to Techwire Lanka. Nalaka is the project manager responsible for the entire project . Nalaka has asked Malani who is the senior DBA to handle the database development and management process .This includes creating a secure database to the hotel. Malani is responsible for handling all the hotel reservations and bookings. Accordingly, she has designed the hoteldb . Since there will be lot of users for the project, Sonal is assigned with the responsibility of handling logins to the system. Akram is assigned to create tables , required views, stored procedures and triggers. Palika and Mahesh who are data entry operators are given the responsibility of inserting the data to the tables. With the data added to the database, Aruni should be able to generate reports as well as directly query the data or call functions and procedures.

Assuming that Aruni left the company and thus she should be prevented from inserting data to the system. Which of the following command/s can facilitate the above assuming that Aruni has a login name aruni.g

Select one or more:

- a. REVOKE select to aruni.g
- b. REVOKE grant to aruni.g
- c. ALTER permission to aruni.g
- d. DENY permission to aruni.g
- e. DENY insert to aruni.g

The REVOKE statement can be used to remove granted permissions, and the DENY statement can be used to prevent a principal from gaining a specific permission through a GRANT.

Granting a permission removes DENY or REVOKE of that permission on the specified securable.



Revoking permissions assigned to a user :

Ex: REVOKE SELECT TO GrantSelectRole



Section 19

3 yet answered

Attempted 0.0

Flag question

Consider the following code segment. Which are true related to the PreparedStatement ?

```
PreparedStatement ps = con.prepareStatement("insert into Customer (custID, lastName) values (?)")
```

Select one or more:

- a. Once a PreparedStatement is prepared, it cannot be reused after execution.
- b. The (?) mark is used to pass parameters into the insert command.
- c. You cannot have more than one parameter in the PreparedStatement.
- d. In the PreparedStatement you cannot provide insert fields.
- e. The value will be set by calling the setter methods of PreparedStatement.

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```
CallableStatement cstmt = null;
try {
    String SQL = "{call getEmpName (?, ?)}";
    cstmt = conn.prepareCall (SQL);
    ...
}
catch (SQLException e) {
    ...
}
finally {
    ...
}
```

Select one or more:

- a. The callable statement is prepared by calling the conn.prepareStatement ()
- b. Bind values to all the parameters before executing the statement, or will receive an SQLException
- c. String variable SQL, represents the stored procedure, with parameter placeholders
- d. The SQLException is occurred when prepareCall () is connected
- e. SQLException is handled by introducing a try catch block



Question 25

Not yet answered
Marked out of 1.0
Flag question

What is the correct order to close database resources?

Select one:

- a. ResultSet, Statement, Connection
- b. Statement, Resultset, Connection
- c. Statement, Connection, ResultSet
- d. Resultset, Connection, Statement
- e. Connection, Statement, ResultSet

Question 30

Not yet answered

Marked out of 1.0

Flag question

Tech SriLanka is a software company who has expertise in developing secure software applications the banking sector. As such, one of the leading private bank has given the responsibility of automating their tasks to Tech SriLanka. This includes developing a database to record customer details, account details, branch details and all the other functions related to a bank.

Malaka is the senior project manager responsible for the entire project. Malaka has asked Ishara who is the senior DBA, to handle the database development and management process. This includes creating a secure database to the bank. Accordingly, she has designed the bankdb. Since there will be lot of users for the project, Kalpa is assigned with the responsibility of creating logins to the system. Surani is assigned to create tables, required views, stored procedures and triggers. Aruna and Malithi who are data entry operators are given the responsibility of inserting the data to the tables. Heshan should be able to generate reports as well as directly query the data or call functions and procedures.

Assuming that Ishara has a server login named ishara.k , which of the following statements would you need to provide her with the permission she need using a role named manager

Select one or more:

- a. create role manager
grant dbcreator to manager
alter server role manager add member ishara.k
- b. create server user manager
- c. create server role manager
grant create any database to manager
alter server role manager add member ishara.k
- d. create permission add database to manager
grant server role manager to ishara.k
- e. create server role manager
grant permission create database to manager
grant server role manager add member ishara.k



Question 23

Not yet answered

Marked out of 1.0

Flag question

Which of the following packages contain the JDBC classes?

Select one:

- a. java.jdbc.sql
- b. sql
- c. rdb
- d. jdbc
- e. javax.rdb



Question 6

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. Deleted is a virtual table
- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- e. Before a trigger is created for Insert operation, the inserted table should be created by the user

- view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?
- Select one or more:
- a. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
 - b. No data is copied to a separate physical location when V1 is created
 - c. View V1 cannot be used as a data source for other views
 - d. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
 - e. View V1 can be used as a data source for other views

Which of the following statements are true?

Select one or more:

- a. variables declared could be used in where clause only
- b. "declare @ID int,@sum int" is a valid T-SQL statement
- c. Consider the following T-SQL statements:

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
```

The output for the above code is as follows:

inside the if statement

count is greater than 75

- d. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
else
    print 'inside the else statement'
```

the above code will result an error

- e. Consider the following statements

```
declare @tot int
select @tot=count(*) from student
```

executing the above statements will not display any output



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Section 3

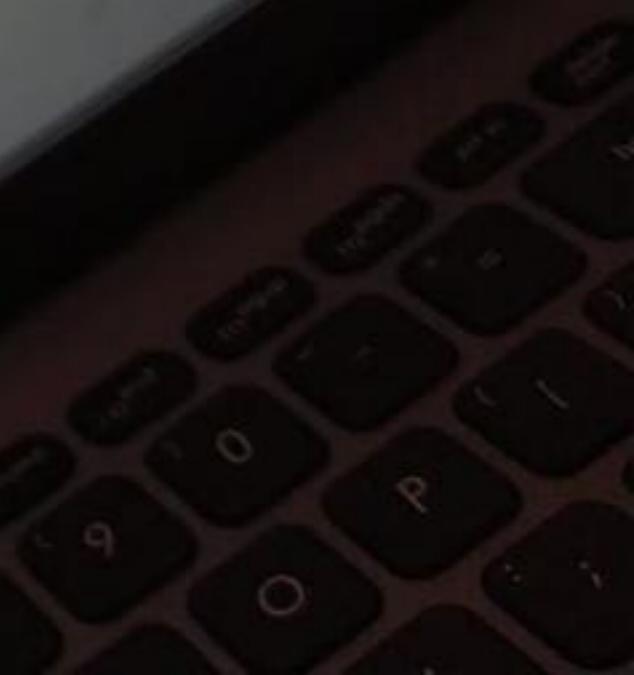
Not yet answered
Marked out of 1.0
Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data sequential employee number when his information is stored in the database
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique
- e. All of the given answers

Next Page



**Question 1**

Not yet answered

Marked out of 1.0

Flag question

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
```

```
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
```

```
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
```

```
BEGIN
```

```
INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
```

```
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
```

```
INSERT INTO tbl (col1) VALUES (2);
```

```
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 0
- b. 2
- c. 3
- d. 5
- e. 4

Which of the following is not an accurate statement about views?

Select one or more:

- a. Views can be used to restrict access to columns in a base table that contain sensitive data
- b. All views are updatable
- c. Views are publicly referenced names and no special authority or privilege is needed to use them.
- d. Views can be used to store queries that multiple applications execute on a regular basis in a database
- e. Views may degrade the performance of the database



1
answered
1 out of 1.0
question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views



Consider the following procedure:

```
create procedure Swap(@x int out, @y int out)
```

as

begin

```
declare @tmp int
```

```
set @tmp = @x
```

```
set @x = @y
```

```
set @y = @tmp
```

end

```
declare @x1 int
```

```
declare @y1 int
```

```
set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out,@y1 out
```

```
print @x1
```

```
print @y1
```

Select the correct statement related to the above code.

Select one:

- a. @x and @y are output parameters only
- b. @y is an input parameter and @x is an output parameter
- c. @x and @y are input parameters only
- d. Both @x and @y are input and output parameters
- e. @x is an input parameter and @y is an output parameter

144Hz



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Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them
- b. All views are updatable
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data

**Question 10**

Not yet answered

Marked out of 1.0

 Flag question

Which of the following statements are true ?

Select one or more:

- a. Consider the following statements :
declare @tot int
select @tot=count(*) from student
executing the above statements will not display any output
- b. Consider the following T-SQL statements
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
else
print 'inside the else statement'
the above code will result an error
- c. "declare @ID int,@sum int" is a valid T-SQL statement
- d. Consider the following T-SQL statements
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
The output for the above code is as follows:
inside the if statement
count is greater than 75
- e. variables declared could be used in where clause only



Question 1

Not yet answered

Marked out of 1.0

Flag question

Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. All views are updatable
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. Views may degrade the performance of the database
- e. Views can be used to restrict access to columns in a base table that contain sensitive data



1
answered
1 out of 1.0
question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is *not* an statement?

Select one or more:

- a. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used as a data source for other views



Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl INSTEAD OF INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 5
- b. 4
- c. 2
- d. 3
- e. 0



Which of the following is **not** an accurate statement about views?

Select one or more:

- a. Views are publicly referenced names and no special authority or privilege is needed to use them.
- b. Views can be used to restrict access to columns in a base table that contain sensitive data
- c. Views can be used to store queries that multiple applications execute on a regular basis in a database
- d. All views are updatable
- e. Views may degrade the performance of the database

Next page



Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers



on 8

not answered

1 out of 1.0

g question

Which of the following statements are **true** about views?

Select one:

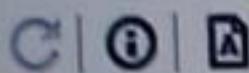
- a. A view cannot be created with a GROUP BY clause in the SELECT statement.
- b. A view cannot have an ORDER BY clause in the SELECT statement.
- c. A view must have aliases defined for the column names in the SELECT statement.
- d. A view can be created as a join on two or more tables.
- e. A view is readonly

Which of the following statements are **true** about views?

Select one:

- a. A view is readonly
- b. A view must have aliases defined for the column names in the SELECT statement.
- c. A view can be created as a join on two or more tables.
- d. A view cannot have an ORDER BY clause in the SELECT statement.
- e. A view cannot be created with a GROUP BY clause in the SELECT statement.





Which of the following statements are true ?

Select one or more:

- a. Consider the following statements :

```
declare @tot int  
select @tot=count(*) from student
```

executing the above statements will not display any output

- b. Consider the following T-SQL statements:

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'
```

The output for the above code is as follows :

```
inside the if statement  
count is greater than 75
```

- c. Consider the following T-SQL statements

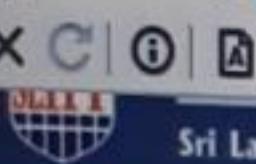
```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'  
else
```

```
print 'inside the else statement'
```

the above code will result an error

- d. variables declared could be used in where clause only

- e. 'declare @ID int,@sum int' is a valid T-SQL statement



Which of the following statements are true ?

Select one or more:

- a. variables declared could be used in where clause only
- b. "declare @ID int,@sum int" is a valid T-SQL statement
- c. Consider the following T-SQL statements:

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
```

The output for the above code is as follows :

inside the if statement

count is greater than 75

- d. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
    print 'inside the if statement'
    print 'count is greater than 75'
else
    print 'inside the else statement'
```

the above code will result an error

- e. Consider the following statements

```
declare @tot int
select @tot=count(*) from student
```

executing the above statements will not display any output

Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

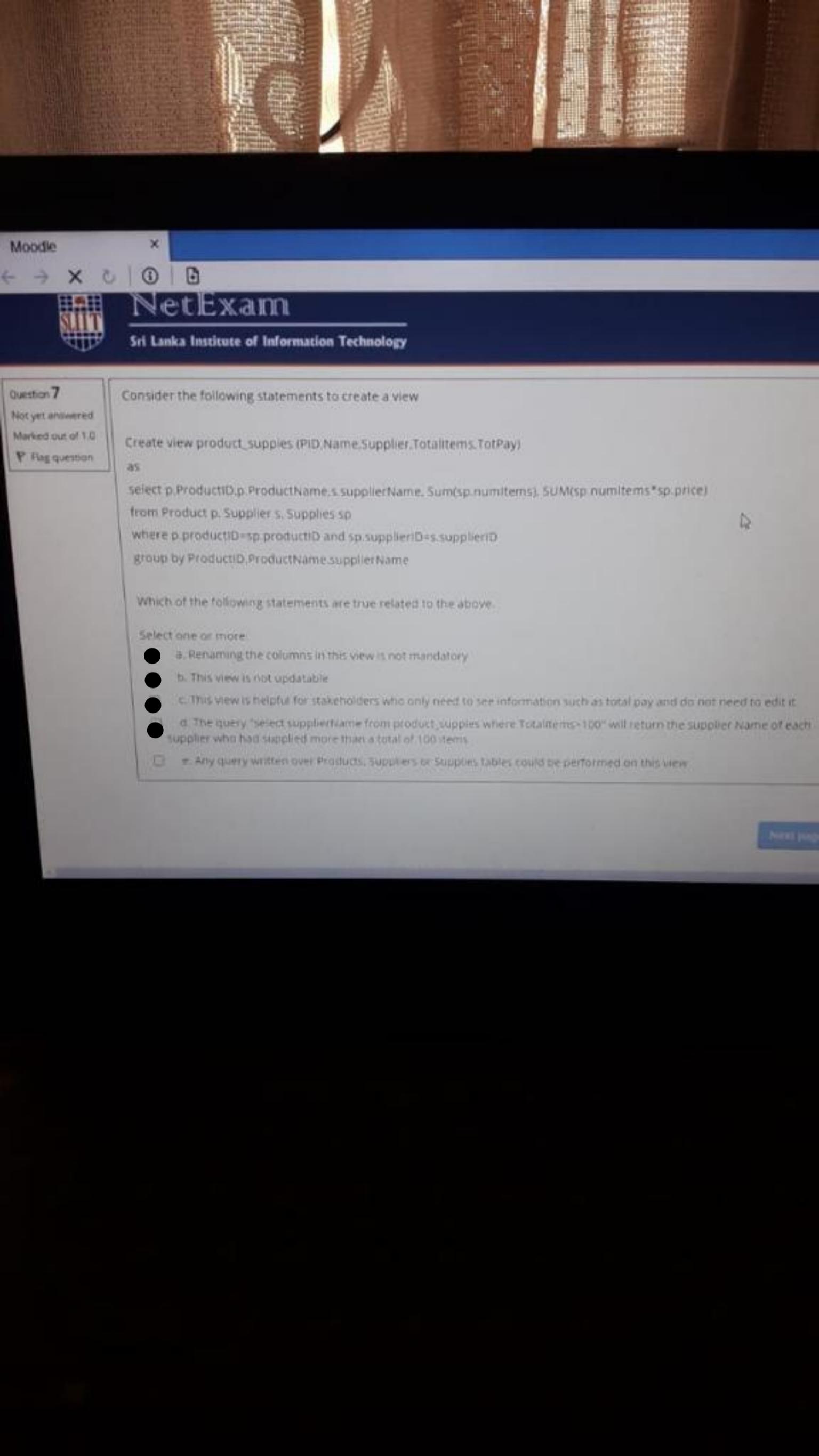
- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers



The default parameter type in stored procedures is

Select one:

- a. OUT
- b. OUTPUT
- c. IN
- d. INOUT
- e. There is no default type



Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more

- a. Renaming the columns in this view is not mandatory
- b. This view is not updatable
- c. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it
- d. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items
- e. Any query written over Products, suppliers or Supplies tables could be performed on this view

odle

x

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11

answered
out of 1.0
question

Which of the following are common tasks that could be included

Select one or more:

- a. Clean up history
- b. creating tables
- c. Verify the Integrity of Database
- d. Restore database
- e. Backup database



Which of the following is/are true related to triggers

Select one or more:

- a. A for trigger execute after the operation(insert ,update ,delete) has taken place in the table
- b. Triggers are useful for auditing and imposing business logic b is not sure
- c. In instead of triggers, trigger is executed before the table is updated
- d. The for clause specifies the table name on which the trigger is to be attached
- e. SQL server Triggers only respond to insert, update and delete operations.

NOT SURE!!!!

A/D Sure...



Which of the following events will NOT cause a DML trigger on table to be activated?

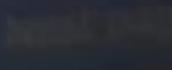
Select one or more:

- a. An insert operation
- b. An update operation
- c. An alter table operation
- d. A delete operation
- e. A select operation

Which of the following are true?

Select one or more:

- a. With SQL server backup could be stored in an external URL
- b. The process of recovering stored copies of critical files and folders from another medium known as data verification
- c. Differential backups and transactional backups take backup from a specific date
- d. Back up of the database should be done frequently
- e. Full backup takes the backup of complete data as of today





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Question 12

1 questions answered
Scored out of 1.0
Flag question

Which of the following techniques are not techniques used for data migration?

Select one or more:

- a. Migration wizard
- b. BULK INSERT
- c. Select INTO
- d. SPSS
- e. BPC

XXX



Question 12
Not yet answered
Marked out of 1.0
P. Flag question

Which of the following could be true related to BCP tool?

Select one or more:

- a. Both out and query out options could be used to import all contents of a table to a file
- b. When an output file is not available the . . . should be given as the parameter
- c. BCP utility is installed when SQL server is installed
- d. With BCP the output of a select query could be exported to a .txt file
- e. All options that could be used with BCP utility could be obtained by executing BCP command in query editor

Next page



Question 10

yet answered

Marked out of 1.0

Flag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. PL-SQL
- b. MS-SQL
- c. PG-SQL
- d. P-SQL
- e. T-SQL

Question 3

Not yet answered

Marked out of 1.0

Flag question

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 5
- c. 3
- d. 0
- e. 2



If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. View V1 can be used as a data source for other views
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. No data is copied to a separate physical location when V1 is created
- d. View V1 cannot be used as a data source for other views
- e. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created

Consider the following procedure:

```
create procedure Swap(@x int out, @y int out)
```

as

begin

```
declare @tmp int
```

```
set @tmp = @x
```

```
set @x = @y
```

```
set @y = @tmp
```

end

```
declare @x1 int
```

```
declare @y1 int
```

```
Set @x1 = 3
```

```
set @y1 = 4
```

```
exec swap @x1 out,@y1 out
```

```
print @x1
```

```
print @y1
```

Select the correct statement related to the above code.

Select one:

- a. @x and @y are input parameters only
- b. @y is an input parameter and @x is an output parameter
- c. @x and @y are output parameters only
- d. Both @x and @y are input and output parameters
- e. @x is an input parameter and @y is an output parameter

Which of the following events will NOT cause a DML trigger on table to be activated?

Select one or more:

- a. An update operation
- b. An alter table operation
- c. A delete operation
- d. A select operation
- e. An insert operation





If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is not an accurate statement?

Select one or more:

- a. View V1 can be used as a data source for other views
- b. View V1 cannot be used as a data source for other views
- c. No data is copied to a separate physical location when V1 is created
- d. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- e. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information

[Next page](#)

Question 5

Not yet answered

Marked out of 1.0

 Flag question

Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

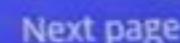
- a. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier who had supplied more than a total of 100 items
- b. Renaming the columns in this view is not mandatory
- c. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- e. This view is not updatable

 Quiz navigation

Finish attempt ...

Time left 0:44:28

1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31	32	33

 Next page

Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));  
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));  
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS  
BEGIN  
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');  
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If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');  
INSERT INTO tbl (col1) VALUES (2);  
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?



Select one:

- a. 5
- b. 0
- c. 2
- d. 4
- e. 3

1

8

15

22

29

Which of the following statements are true ?

Select one or more:

a. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
else
```

print 'inside the else statement'
the above code will result an error

b. "declare @ID int,@sum int" is a valid T-SQL statement

c. Consider the following statements:

```
declare @tot int
```

```
select @tot=count(*) from student
```

executing the above statements will not display any output

d. variables declared could be used in where clause only

e. Consider the following T-SQL statements:

```
declare @cnt int
set @cnt=100
if (@cnt>75)
```

print 'inside the if statement'

print 'count is greater than 75'

The output for the above code is as follows:
inside the if statement
count is greater than 75



Which statement/s would be **correct** with regards to SQL-stored procedure

Select one or more:

- a. Procedure can have zero or more output parameters
- b. Procedures can have input/output parameters
- c. Inside procedures data retrievals (e.g. Select) and data manipulations (e.g. insert) could be performed
- d. Procedure can have only input parameters
- e. None of the given answers

Which of the following statements are true ?

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- a. Consider the following statements :

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```

executing the above statements will not display any output

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```
declare @cnt int  
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    print 'inside the if statement'  
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```

The output for the above code is as follows :

inside the if statement

count is greater than 75

- c. variables declared could be used in where clause only

- d. Consider the following T-SQL statements

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
    print 'inside the if statement'  
    print 'count is greater than 75'  
else  
    print 'inside the else statement'
```

the above code will result an error

- e. "declare @ID int,@sum int" is a valid T-SQL statement



on 3

answered

out of 1.0

question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers



Question 4

Not yet answered

Marked out of 1.0

 Flag question

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. No data is copied to a separate physical location when V1 is created
- b. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information
- c. View V1 cannot be used as a data source for other views
- d. View V1 can be used as a data source for other views
- e. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created

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Question 5

Not yet answered

Marked out of 1.0

Flag question

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Which of the following statements are **true** about views?

Select one:

- a. A view is readonly
- b. A view must have aliases defined for the column names in the SELECT statement.
- c. A view cannot be created with a GROUP BY clause in the SELECT statement.
- d. A view cannot have an ORDER BY clause in the SELECT statement.
- e. A view can be created as a join on two or more tables.

[Next page](#)

**Question 5**

Not yet answered

Marked out of 1.0

Flag question

Which of the following statements are true ?

Select one or more:

- a. "declare @ID int,@sum int" is a valid T-SQL statement

- b. Consider the following T-SQL statements:

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'
```

The output for the above code is as follows :

```
inside the if statement  
count is greater than 75
```

- c. Consider the following T-SQL statements

```
declare @cnt int  
set @cnt=100  
if (@cnt>75)  
print 'inside the if statement'  
print 'count is greater than 75'  
else
```

```
print 'inside the else statement'  
the above code will result an error
```

- d. variables declared could be used in where clause only

- e. Consider the following statements :

```
declare @tot int  
select @tot=cOUNT(*) from student
```

executing the above statements will not display any output

Quiz navigation

Finish attempt ...

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1	2	3	4
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25	26	27	28
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Project Exam
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Question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. P-SQL
- b. PG-SQL
- c. T-SQL
- d. MS-SQL
- e. PL-SQL



Question 7

Not yet answered

Marked out of 1.0

* Flag question

Which of the following is a proprietary extension of SQL for Microsoft SQL Server?

Select one:

- a. T-SQL
- b. PG-SQL
- c. PL-SQL
- d. P-SQL
- e. MS-SQL





NetExam

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Which of the following is/are related to triggers?

Select one or more:

- a. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- b. Deleted is a virtual table
- c. Inserted table have the same number of the columns as the table to which data are inserted
- d. The updated table stores the values which a table is updated with after an update operation
- e. Before a trigger is created for insert operation, the inserted table should be created by the user



NetExam

Sri Lanka Institute of Information Technology

Which of the following is/are related to triggers?

Select one or more:

- a. The for clause in creating triggers are useful to specify the operations which will execute the trigger
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- d. The updated table stores the values which a table is updated with after an update operation
- e. Before a trigger is created for insert operation, the inserted table should be created by the user



5

answered
out of 1.0
question

Which of the following statements are true ?

Select one or more:

- a. Consider the following T-SQL statements

```
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
else
print 'inside the else statement'
```

the above code will result an error
- b. variables declared could be used in where clause only
- c. Consider the following statements :

```
declare @tot int
select @tot=count(*) from student
```

executing the above statements will not display any output
- d. "declare @ID int,@sum int" is a valid T-SQL statement
- e. Consider the following T-SQL statements:

```
declare @cnt int
set @cnt=100
if (@cnt>75)
print 'inside the if statement'
print 'count is greater than 75'
```

The output for the above code is as follows :

inside the if statement
count is greater than 75

The default parameter type in stored procedures is



Select one:

- a. OUTPUT
- b. OUT
- c. INOUT
- d. IN
- e. There is no default type

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained by multiplying the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a table in the database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using the values provided, and store the input data, along with the results of the calculation in two different base tables
- c. An application running on a remote client needs to track every modification made to a table that contains sensitive data
- d. An application running on a remote client needs to ensure that every new employee that joins the company is assigned a unique, sequential employee number when his information is stored in the database.
- e. All of the given answers

Next page

Consider the following statements to create a view

Create view product_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

Which of the following statements are true related to the above.

Select one or more:

- a. Renaming the columns in this view is not mandatory
- b. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- c. This view is not updatable
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit it.
- e. The query "select supplierName from product_supplies where TotalItems>100" will return the supplier Name of each supplier supplied more than a total of 100 items

ASUS VivoBook

NetExam

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Given the following statements:

```
CREATE TABLE tbl (col1 INTEGER, col2 CHAR(5));
CREATE TABLE tblAudit (user VARCHAR(20), date DATE, action VARCHAR(20));
CREATE TRIGGER trig_tblAudit ON tbl FOR INSERT AS
BEGIN
    INSERT INTO tblAudit VALUES (CURRENT USER, CURRENT DATE, 'Insert');
END
```

If user USER1 executes the following statements:

```
INSERT INTO tbl VALUES (1, 'abc');
INSERT INTO tbl (col1) VALUES (2);
UPDATE tbl SET col2 = 'Hacked' WHERE col1 = 1;
```

How many new records will be written to the database tables?

Select one:

- a. 4
- b. 3
- c. 5
- d. 0
- e. 2

ASUS VivoBook

If a view named V1 is created in such a way that it references every column in a table named EMPLOYEE except a column named SALARY, which of the following is **not** an accurate statement?

Select one or more:

- a. View V1 cannot be used as a data source for other views
- b. All data, except SALARY data that is stored in the EMPLOYEE table is copied to a separate physical location when V1 is created
- c. View V1 can be used as a data source for other views
- d. No data is copied to a separate physical location when V1 is created
- e. View V1 can be used in the same context as the EMPLOYEE table for all data retrieval operations that do not acquire SALARY information



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Which of the following statements are **true** about T-SQL functions?

Select one or more:

- a. A Function in SQL is a set of sql statements that accepts both input and output parameters and return the result.
- b. A Function in SQL is a set of sql statements that accepts only input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between a client application and the database server.
- d. Once a TSQL function is created it can be called any number of times in a client application using 'exec' statement.
- e. None of the given



Question 6

Not yet answered

Marked out of 1.0

Flag question

Which of the following is/are related to triggers?

Select one or more:

- a. Inserted table have the same number of the columns as the table to which data are inserted
- b. Deleted is a virtual table
- c. The updated table stores the values which a table is updated with after an update operation
- d. The for clause in creating triggers are useful to specify the operations which will execute the trigger
- e. Before a trigger is created for Insert operation, the inserted table should be created by the user



Question 2

Not yet answered

Marked out of 1.0

Flag question

In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

- a. An application running on a remote client needs to calculate and store an employee's salary which is obtained from the number of hours he has worked with the rate he is paid. Both the number of hours and rate are also stored in a database.
- b. An application running on a remote client needs to collect three input values, perform a calculation using them, and return the input data, along with the results of the calculation in two different base tables.
- c. An application running on a remote client needs to track every modification made to a table that contains sequential employee numbers when his information is stored in the database.
- d. An application running on a remote client needs to ensure that every new employee that joins the company gets a sequential employee number when his information is stored in the database.
- e. All of the given answers