



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      run one or more schedule
- 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 cab be edit but joined table can not be edit
- 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. can
- e. A view cannot be created with a GROUP BY clause in the SELECT statement. can

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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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

completed



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

c o m p l e t e d





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 IN / OUT both parameters
- e. None of the given answers

Which of the following statements are true?

Select one or more:

- a. Backup could be used to restore large 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 administrative task
- 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 SQL Server Agent

**COMPLETED**



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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      command line
- b. BCP tool is installed default with Windows OS
- c. BCP tool is used to copy a bulk of data      transform large number 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

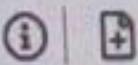
Consider the following code segment. Which is/are true related to the PreparedStatement ?

```
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



# NetExam

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Examinations

Lockdown Browser

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.
- Verify the Integrity of Database
- e. creating tables

Maintain a database's indexes  
Maintain Index and Column statics  
Remove old backups  
Remove older data from msdb  
Backup databases  
Verify the Integrity of database

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NetExam

Sri Lanka Institute of Information Technology

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 as 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, Ishara has designed the bankdb. Since there will be lot of users for the project, Kalpa is responsible for creating logins to the system. Surani is assigned to create tables, required views and triggers. Aruna and Malithi who are data entry operators are given the responsibility of inserting data into the database. Heshan should be able to generate reports as well as directly query the database or call functions and stored procedures.

Assuming that Heshan has a login named heshan.d. Which of the following 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

CAN'T  
UNDERSTAND

# NetExam

Sri Lanka Institute of Information Technology

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 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

**COMPLETED**

|

[Dashboard](#)[Examinations](#)[Lockdown Browser](#)[Practice Test](#)[Flag question](#)

the project manager responsible for the entire project. Nalak has asked Malani who is the sole database development and management process. This includes creating a secure database to be responsible for handling all the hotel reservations and bookings. Accordingly, she has designed the system such that there will be lot of users for the project. Sonal is assigned with the responsibility of handling logins to the system. She is required to create logins which will be used to create tables, required views, stored procedures and triggers. Palika and Mahesh are given the responsibility of inserting initial data to the tables. With the data added to the tables, the users should be able to generate reports as well as be able to 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 = 'Sonal@123'  
MUST\_CHANGE, CHECK\_EXPIRATION = ON, CHECK\_POLICY = ON,  
DEFAULT\_DATABASE = Master
- d. CREATE LOGiN Sonal  
WITH PASSWORD = 'Sonal@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:

**COMPLETED**

- 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 method 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

COMPLETED

**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 {
    ...
}
```

# COMPLETED

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 ()

**≡ Quiz navigation**

Finish attempt ...

Time left 0:13:17

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29	30	31	32	33	34

Tech Sri Lanka is a software company who is leading private bank has given the responsibility of senior project manager development and maintenance will be done.

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The image shows a page from a textbook or educational material. The title 'Sri Lanka Institute of Information Technology' is at the top left. The main content is a reading passage with several questions at the bottom. The reading passage discusses Tech Sri Lanka, a software company, and its responsibilities in developing secure software applications for the banking sector. It mentions Malaka as the senior project manager, Ishara as the DBA, and Surani as a data entry operator. The questions ask for the user name of Surani and the permissions required for her to perform specific tasks like adding members.

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\_ddadmin add member Surani.a
- e. grant create table/alter to Surani.a

**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 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

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Question 34

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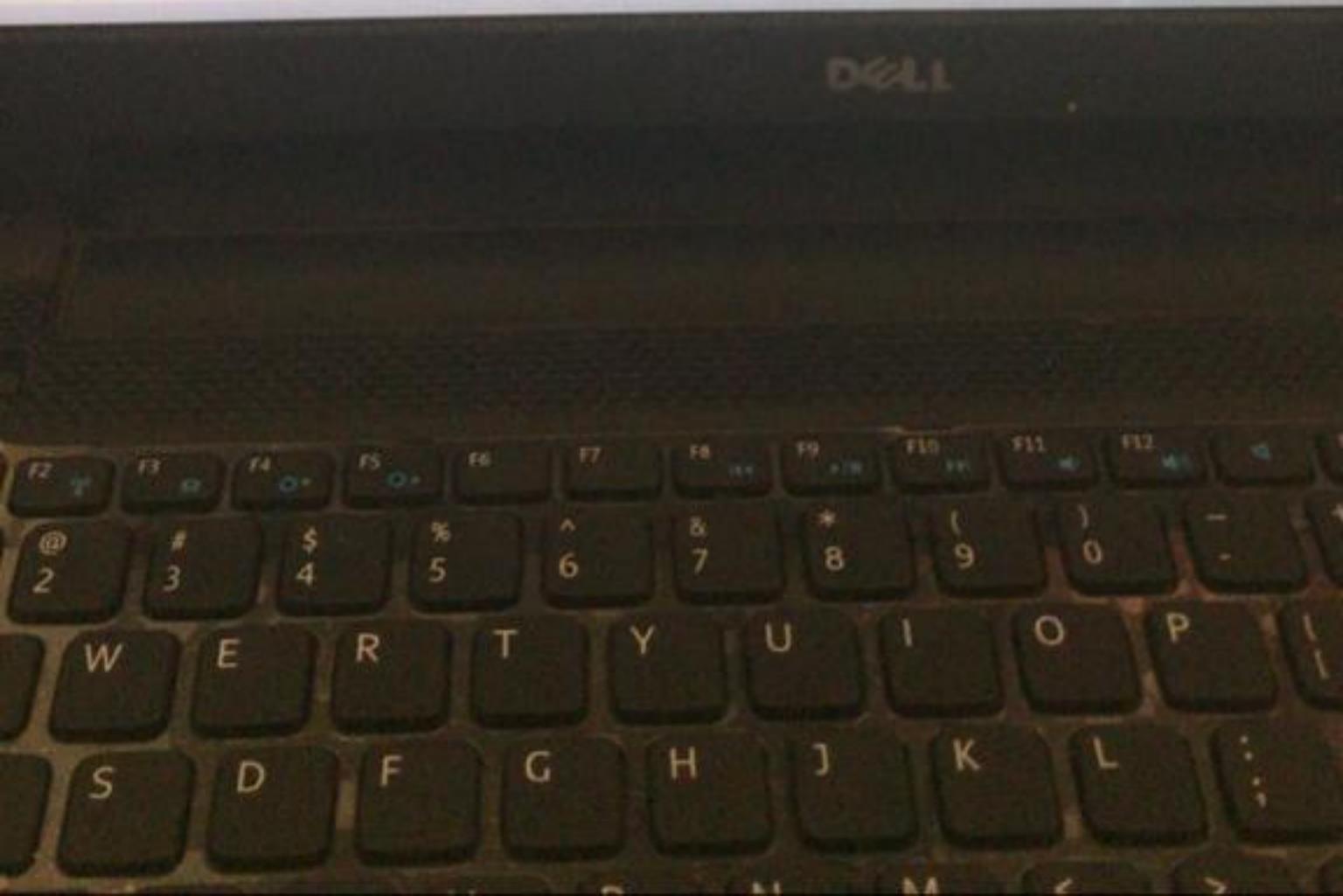
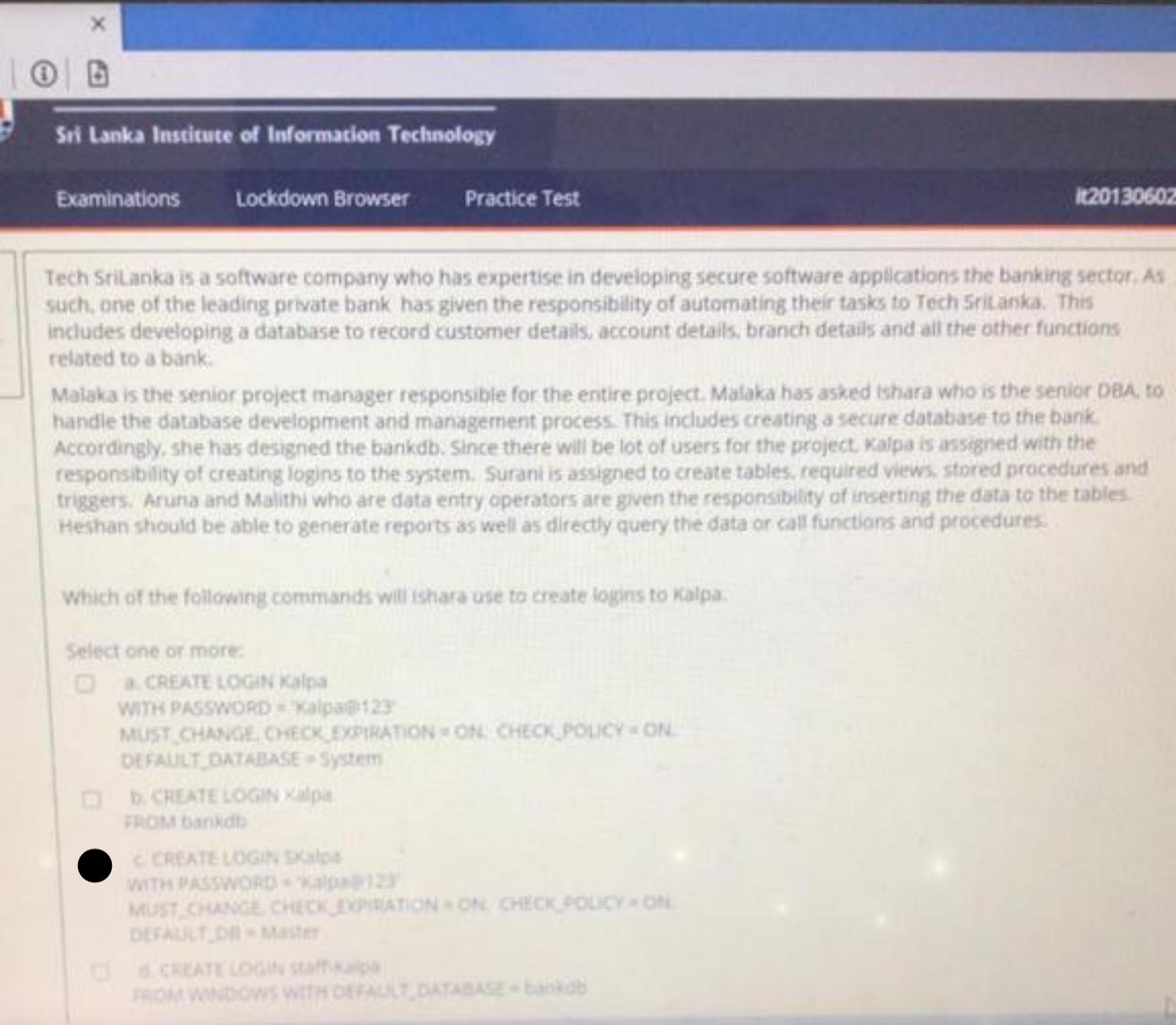
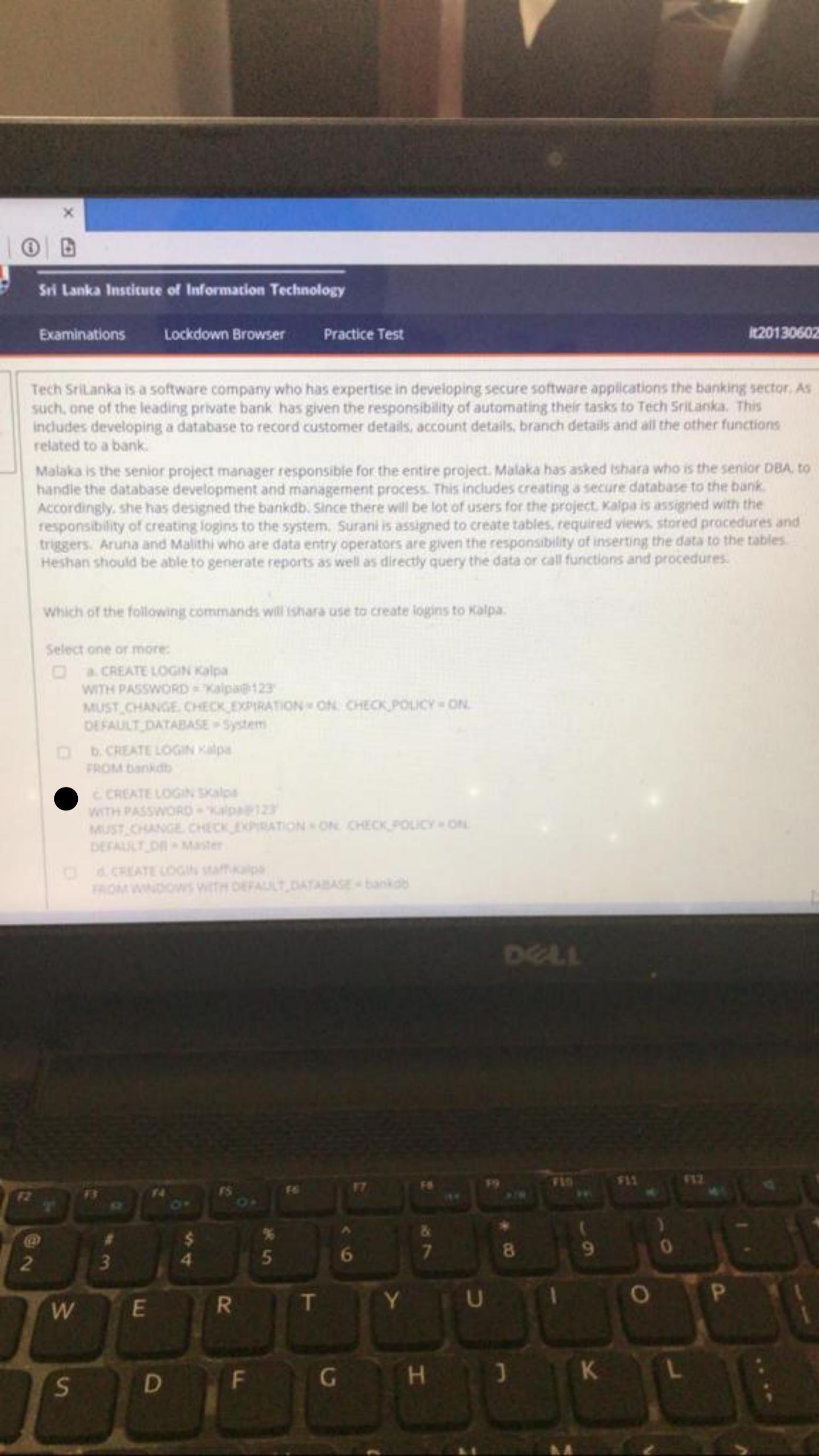
Techwire Lanka is a software company who has expertise in developing secure software applications the hotel industry. As such , a reputed global hotel chain has given the responsibility of automating their tasks to Techwire Lanka. Nalaka is the project manager responsible for the entire project . Nalaka 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.

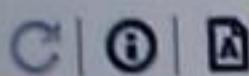
Assuming that Malani has a login by the name malani.k, Which of the following T-SQL statement/s required to assign her with the responsibility of handling the hoteldb.

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

**COMPLETED**

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

**COMPLETED**

# NetExam

Sri Lanka Institute of Information Technology

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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NetExam  
Sri Lanka Institute of Information Technology

Question 7  
Not yet answered  
Marked out of 1.0  
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 automatically create
- 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. Delays is a alias table
- e. The for clause in creating triggers are useful to specify the operations which will execute the trigger

**COMPLETED**



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

**COMPLETED**



## 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 **input only**
- 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 **number** 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

[Next page](#) Quiz navigation[Finish attempt ...](#)

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## Question 6

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. IN
- d. OUTPUT
- e. OUT

**COMPLETED**



Question 14

Not yet answered

Marked out of 1.0

Flag question

Which of the following are true?

Select one or more:

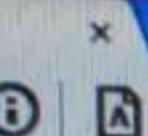
- a. Before running a job SQL server agent should be started
- b. A job can have multiple steps
- c. A job can be scheduled in a manner that it runs when the server workload is less
- d. Jobs could run in only one schedules
- e. A job could be started using stored procedure start\_job

Which of the following are true?

Select one or more:

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

**COMPLETED**



# NetExam

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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 an ODBC connection
- 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

**COMPLETED**

# NetExam

Sri Lanka Institute of Information Technology

Consider the following statements to create a view

Create view product\_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

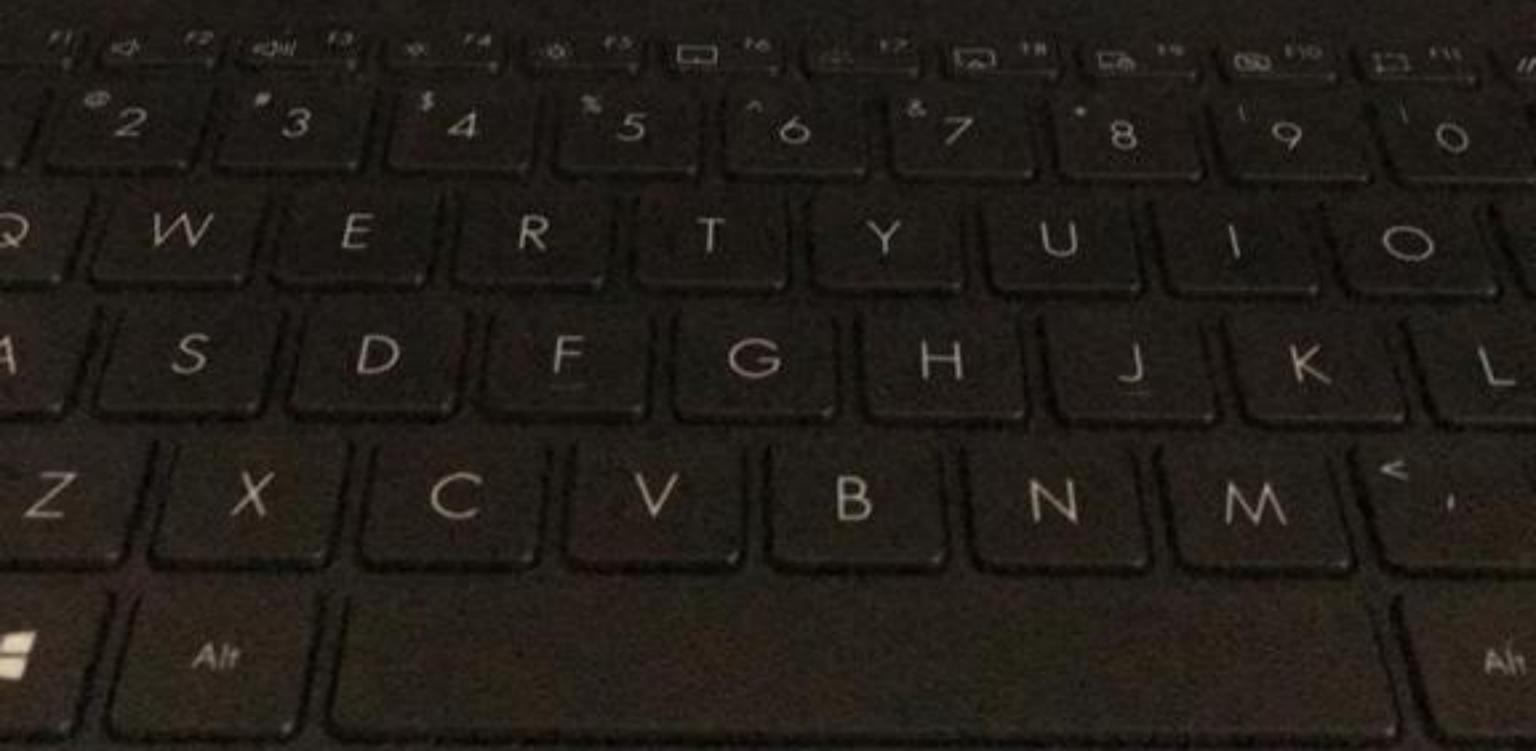
```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

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      not inserted
- c. This view is not updatable      table is joined
- 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



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 his hours he has worked with the table he is paid. Both the number of hours and rate are also stored in a table. A stored procedure can be used to select the required data, perform a calculation using this data, and write the results of the calculation in two different base tables.
- b. 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.
- c. An application running on a remote client needs to ensure that every new employee that joins the company gets a unique 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 gets a unique employee number when his information is stored in the database.
- e. All of the given answers

•COMPLETED

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

**COMPLETED**



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



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 statement 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
- 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

**COMPLETED**



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 code

Consider the following T-SQL statements:

SET @rcnt=100

if (@cnt>75)

print 'inside the if stat' <sup>if</sup>

print 'count is greater than -

The output for the above code is as follows:

GOALS

Greater than

## Consider the

declare @cnt int

Set @cnt=100

Print inside the if statement:

- 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, is stored in the EMPLOYEE table that is copied to a separate physical location when V1 is created
  - e. View V1 can be used as a data source for other views

**COMPLETED**



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 it 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 other database tables.
- c. An application running on a remote client needs to track every new employee that joins the company is assigned a unique 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 sequential employee number when his information is stored in the database.
- e. All of the given answers

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COMPLETED

**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.

**COMPLETED**



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

COMPLETED



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

**COMPLETED**

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

**COMPLETED**



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

..

**COMPLETED**

Which of the following statements are true?

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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

# COMPLETED



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Section 3

Not yet answered  
Marked out of 1.0  
Flag question

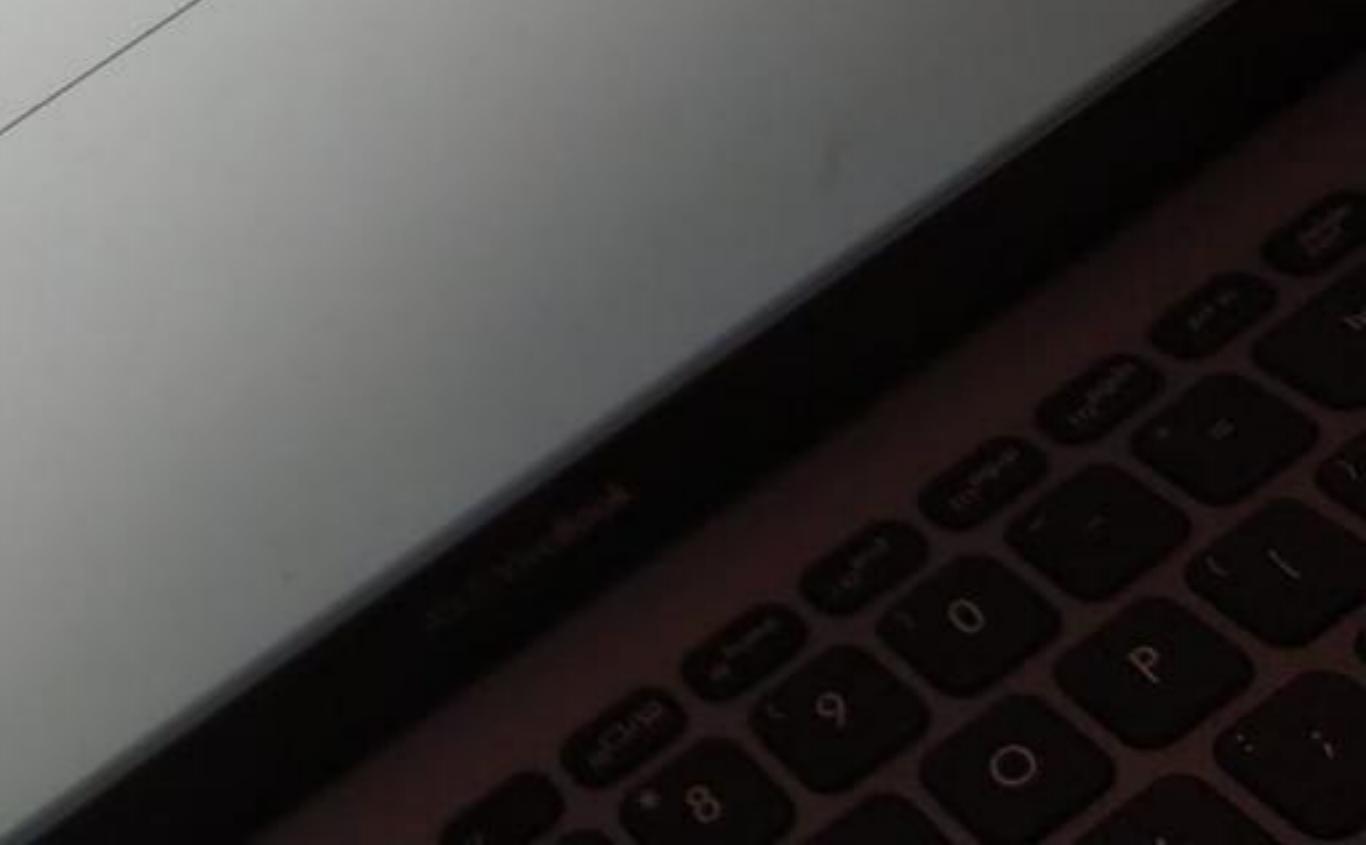
In which of the following scenarios would a stored procedure be beneficial?

Select one or more:

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- 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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**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 'user' 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

# COMPLETED

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

COMPLETED

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
```

# COMPLETED

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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- 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.

**COMPLETED**



Question 1

Not yet answered

Marked out of 1.0

Flag question

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

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- 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

**COMPLETED**

C | I | A

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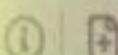
1  
answered  
1 out of 1.0  
question

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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- 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

**COMPLETED**



# 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 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

**COMPLETED**



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

**COMPLETED**

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

COMPLETED



on 8

not answered

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

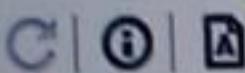
**COMPLETED**

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

Select one:

- a. A view is read-only.
- 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.

**COMPLETED**



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

# COMPLETED



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

**COMPLETED**



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

**COMPLETED**



### 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

**COMPLETED**



# NetExam

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1  
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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 movement made to a table that contains sensitive data.
- d. An application running on a remote client needs to ensure that every new employee joining the company is assigned a unique sequential employee number. When this information is stored in the database.
- e. All of the given answers

**COMPLETED**

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

**COMPLETED**



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

**COMPLETED**



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

**COMPLETED**

```
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

**COMPLETED**



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:

**COMPLETED**  
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 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

**COMPLETED**

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 retrieval (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

**COMPLETED**

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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

**COMPLETED**  
**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 run 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.

**COMPLETED**



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

COMPLETED



# NetExam

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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.
- b. An application running on a remote client needs to collect three input values, perform a calculation on the input data, along with the results of the calculation in two different databases.
- c. An application running on a remote client needs to track every modification made to a table that contains 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 gets a unique employee number.
- e. All of the given answers

**COMPLETED**



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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.

**COMPLETED**



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

# COMPLETED

[Next page](#)



# NetExam

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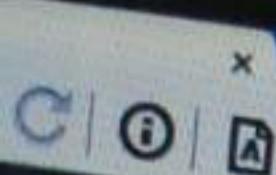
Question 7  
Not answered  
Marked out of 1.0  
Flag question

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

Select one:

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

**COMPLETED**



# NetExam

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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

# COMPLETED

DELL

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

**COMPLETED**

**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
```

# COMPLETED

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

**COMPLETED**

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 will be application executed on a regular basis in a database
- e. Views may degrade the performance of the database

**COMPLETED**

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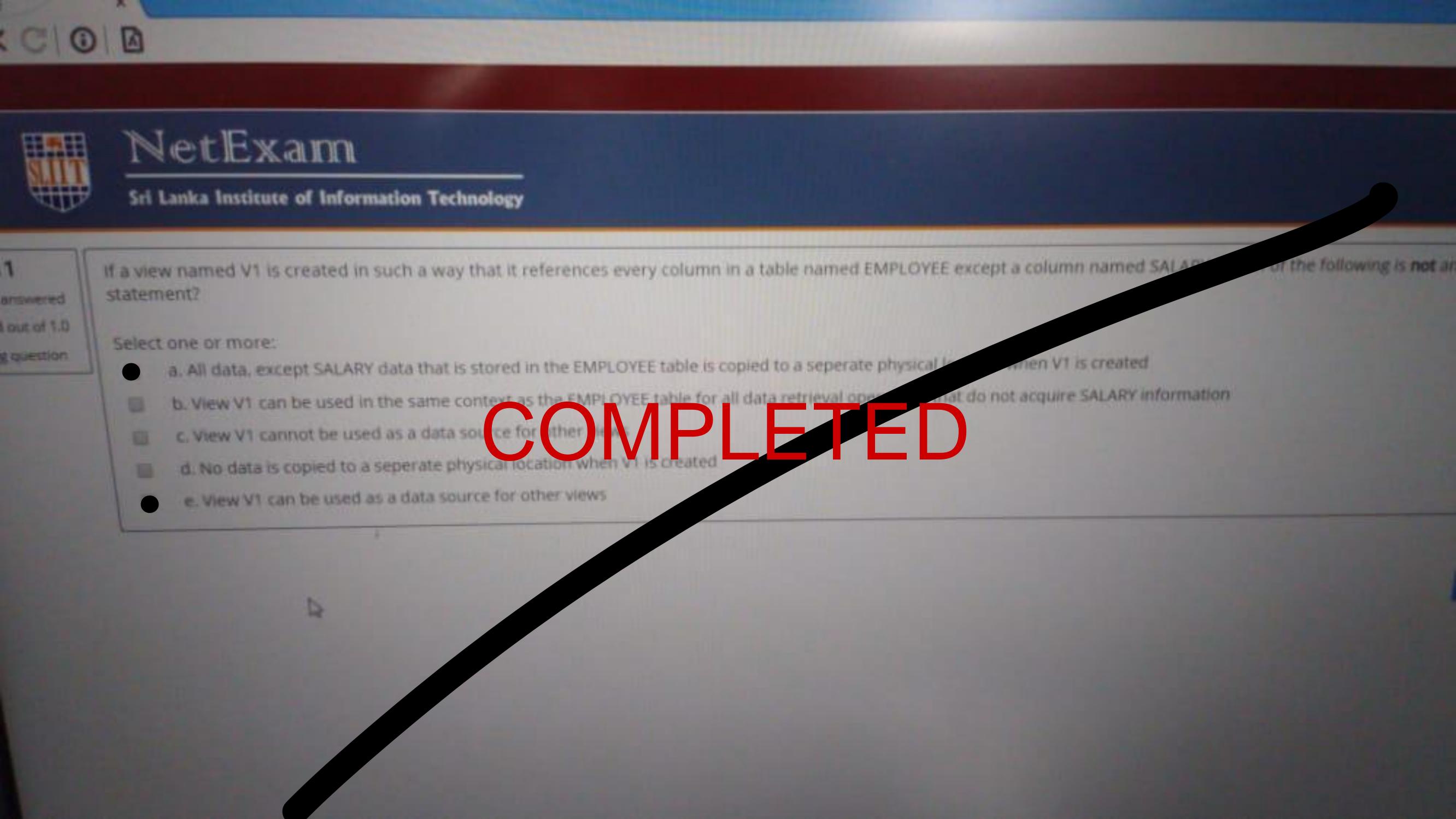
Sri Lanka Institute of Information Technology

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 correct answers:

- a. View V1 can be used in the same context as the EMPLOYEE table.
- b. No data is copied to a separate data source or other views when V1 is created.
- c. View V1 cannot be used as a data source for other views.
- d. All data, except the 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.

**COMPLETED**



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 option in the list below?

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

COMPLETED

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 parameters and output parameters and return the result.
- b. A Function in SQL is a set of sql statements that accepts input parameters, perform actions and return the result.
- c. Functions are helpful to reduce network traffic between 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

**COMPLETED**



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stion

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

# NetExam

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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 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

**COMPLETED**

DELL

Consider the following statements to create a view

Create view product\_supplies (PID,Name,Supplier,TotItems,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 TotItems > 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

**COMPLETED**

Next page

 NetExam

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Which of the following events will NOT cause a DML trigger on a 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

• **COMPLETED**

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 two 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

COMPLETED

Next page

# NetExam

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Consider the following statements to create a view

Create view product\_supplies (PID,Name,Supplier,TotalItems,TotPay)

as

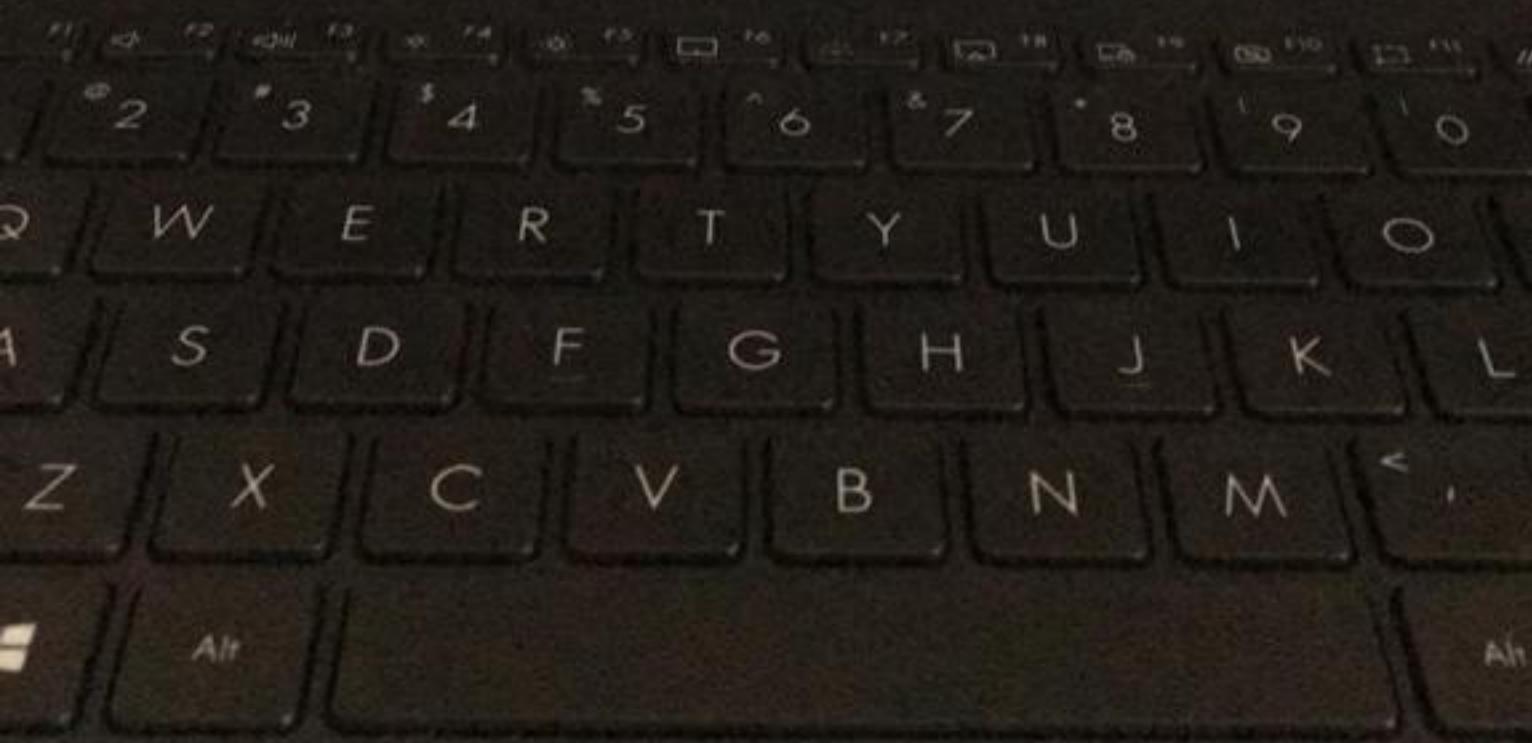
```
select p.ProductID,p.ProductName,s.supplierName, Sum(sp.numItems), SUM(sp.numItems*sp.price)
from Product p, Supplier s, Supplies sp
where p.productID=sp.productID and sp.supplierID=s.supplierID
group by ProductID,ProductName,supplierName
```

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 where joins Product, Supplier, and Supplies tables could be performed on this view
- c. The 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

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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 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 table.
- b. An application running on a remote client needs to collect three input values, perform a calculation using these values and then store the result in a table.
- c. An application running on a remote client needs to update every modification made to a table that contains several rows.
- d. An application running on a remote client needs to ensure that every new employee that joins the company receives a unique employee number when his information is stored in the database.
- e. All of the given answers

**COMPLETED**

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

**COMPLETED**

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



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 client application and the database server.
- d. Once a TSQL function is created it can be called multiple times in a client application using 'exec' statement.
- e. None of the given

COMPLETED



Question 9

Not yet answered

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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

**COMPLETED**

Question 1

Not yet answered

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Finish

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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[Flag question](#)

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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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), 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

Finish after

Time left 0:

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 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

Marked out of  
1.00

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)

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.

**Quiz**

1 2

Finish attempt

Time left 0:3

Search history

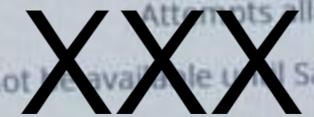
View

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.

[Download LockDown Browser](#) | [Check your LockDown Browser Setup](#)

This quiz is not currently available

[Back to the course](#)

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Active Technologies - IT1100

Mathematics for Computer

- 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)

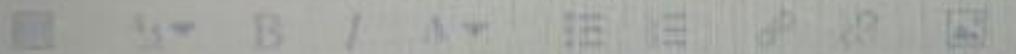
Member (memID int, memName varchar(20), address varchar(30), contact int, memberType int)

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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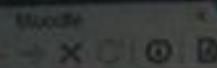
**Page failed to load.**

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

Error: (-118)

ERR\_CONNECTION\_TIMED\_OUT

XXX



NetExam

Sri Lanka Institute of Information Technology

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



# NetExam

Sri Lanka Institute of Information Technology

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, 'a.c');
INSERT INTO tbl (col1) VALUES (1);
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

**COMPLETED**



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 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 by names and no special authority or privilege is needed to use them.
- e. All views are updatable

**COMPLETED**

Consider the following procedure:

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

as

begin

declare @tmp int

set @tmp =

set @x = @y

end

declare @x1 int

declare @vt int

Set  $\text{key} = 3$

set  $\text{mod}_1 = 4$

卷之三

Digitized by srujanika@gmail.com

Select the correct statement related to the above code.

See also

```
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

**COMPLETED**

[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 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  
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

COMPLETED

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:

**COMPLETED**

- 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

**COMPLETED**



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

COMPLETED



Next page

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Finish attempt

Time left 0:4

1	2
8	9
15	16
22	23
29	30

1	2	3
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
```

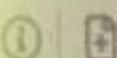
```
declare @x1 int
declare @y1 int
set @x1 = 3
set @y1 = 4
exec swap @x1 out,@y1 out
print @x1
print @y1
```

# COMPLETED

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



# NetExam

Sri Lanka Institute of Information Technology

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

**COMPLETED**

host : 127.0.0.1 : game... Online Gaming System Course Database Manager Problem loading page

https://netexam.slit.lk/mod/quiz/view.php?id=2722

XXX



COMPLETED

The connection has timed out

The server at netexam.slit.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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 NetExam  
Sri Lanka Institute of Information Technology

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



## NetExam

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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.

**NOT SURE!!!**

# NetExam

Sri Lanka Institute of Information Technology



Question 15

Not yet answered  
Marked out of 1.0

Flag question

Which of the following are true?

Select one or more:

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



**COMPLETED**



ation 12

yet answered

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flag question

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

**COMPLETED**



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 in 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

**COMPLETED**



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.

COMPLETED



**Question 28**

Not yet demonstrated

Marked out of 1.0

F. P. REED

Which of the following users should you need to provide the necessary permission Palika a user names 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 inter. 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

**COMPLETED**

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 {
    ...
}
```

# COMPLETED

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 an issue related to CallableStatement?

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

# COMPLETED

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 of 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.

**COMPLETED**



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();
```

**COMPLETED** ???

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();
```

**COMPLETED???**

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



# NetExam

Sri Lanka Institute of Information Technology

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's pre-compiled
- c. executeQuery method can be used to execute a query and get results
- d. Statement or PreparedStatement can be used to execute a query and get results
- e. forName method is used to load the driver to the memory

**COMPLETED**

ASUS VivoBook



19

answered  
out of 1.0  
question

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. A question mark is used to pass parameters into the insert command
- e. In the PreparedStatement you cannot provide insert fields

COMPLETED



ation 10

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?

**COMPLETED**

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



# NetExam

Sri Lanka Institute of Information Technology

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

**COMPLETED**

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 out of 1.0

Flag question

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

```
PreparedStatement ps = conn.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 execute the update command on a PreparedStatement.
- d. In the PreparedStatement, the question mark (?)
- e. The value will be set by calling the setter methods of PreparedStatement.

**COMPLETED**

DELL

1

8

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22

29

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

# COMPLETED

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

**COMPLETED**

- 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.
  - b. No data is copied to a separate physical location when using View V1.
  - c. View V1 cannot be used as a data source for other views.
  - d. All data, except SALARY information, is copied to a separate physical location when using View V1.
  - e. View V1 can be used as a data source for other views.

**COMPLETED**

Which of the following statements are true ?

Select one or more:

- a. variables declared could be used in where clause or
- 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

**COMPLETED**



Section 3

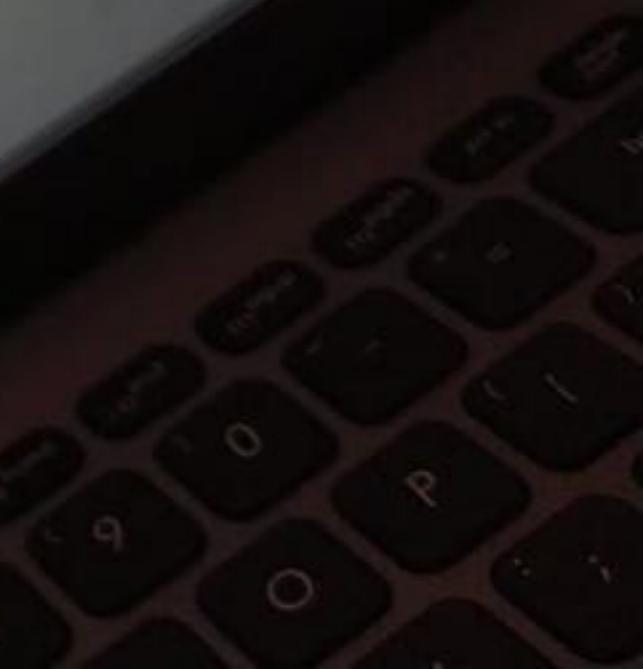
Not yet answered  
Marked out of 1.0  
Flag question

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 ensure that every employee that joins the company is assigned a unique sequential employee number when his information is stored in the database
- d. An application running on a remote client needs to track and modify made to a table that contains sensitive data
- 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, 'a')
```

```
INSERT INTO tbl VALUES (2, 'b')
```

```
UPDATE tbl SET col2 = 'Changed' 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

# COMPLETED

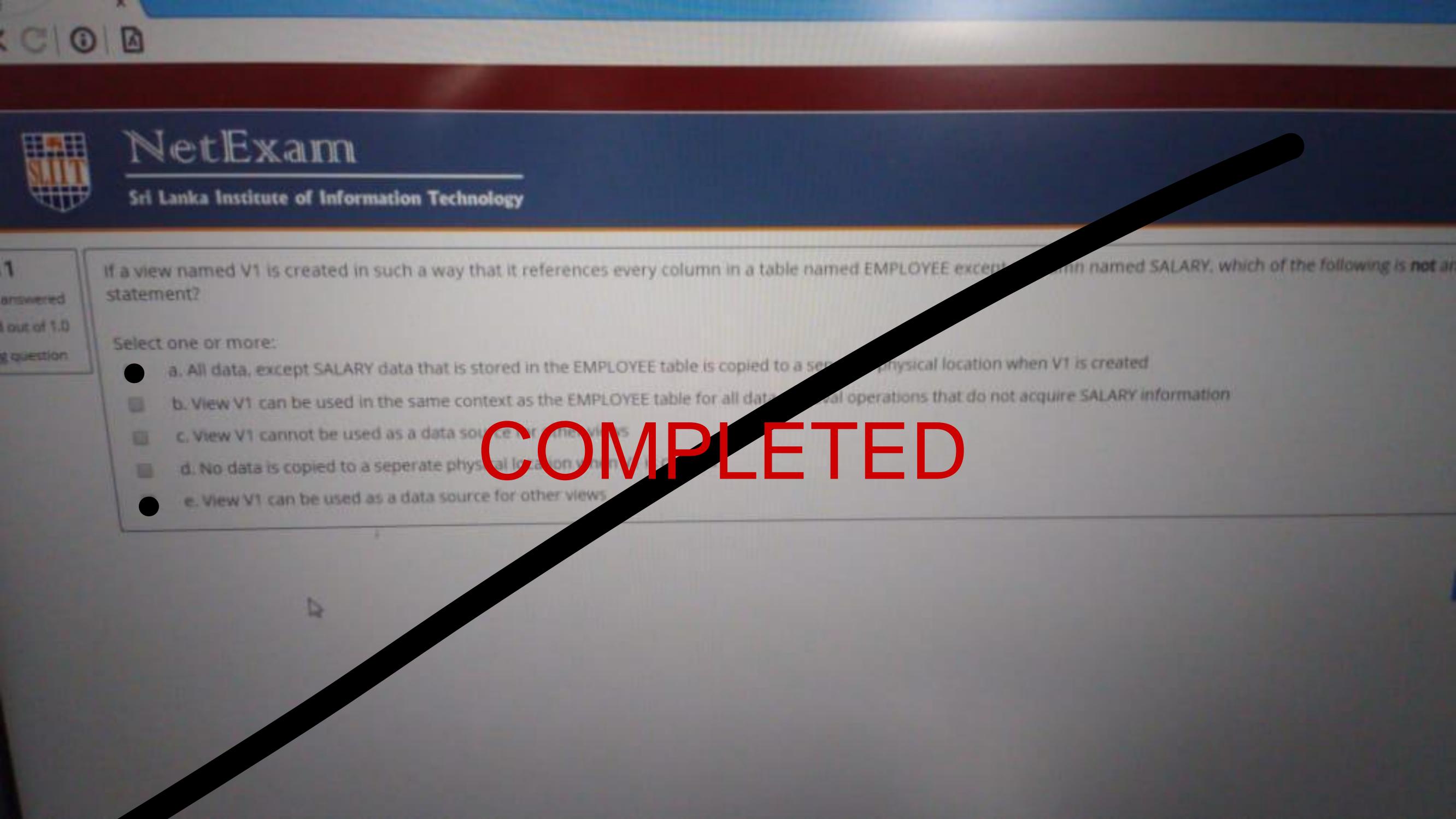
Which of the following is not an accurate statement about views?

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

**COMPLETED**

Next page



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

COMPLETED

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
print @x1
print @y1
```

# COMPLETED

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

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

# COMPLETED

**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 @pln 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

Variables declared could be used in where clause only

**COMPLETED**



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

**COMPLETED**



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 the column named SALARY, which of the following is *not* an accurate 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 update 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

COMPLETED



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 (100);
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. 1
- b. 4
- c. 2
- d. 3
- e. 0

**COMPLETED**



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

**COMPLETED**

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

**COMPLETED**



on 8

not answered

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 by join on two or more tables.
- e. A view is readonly.

**COMPLETED**

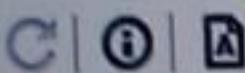
Which of the following statements are **true** about views?

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.

**COMPLETED**

x



## Sri Lanka Institute of Information Technology

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'
```

The output for the above code was as follows :

inside the if statement

count is greater than

- c. Consider the following T-SQL statements

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

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

**COMPLETED**

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.

Consider the following statements.

declare @tot int

select @tot=count(\*) from student

executing the above statements will not display any output

**COMPLETED**

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

**COMPLETED**

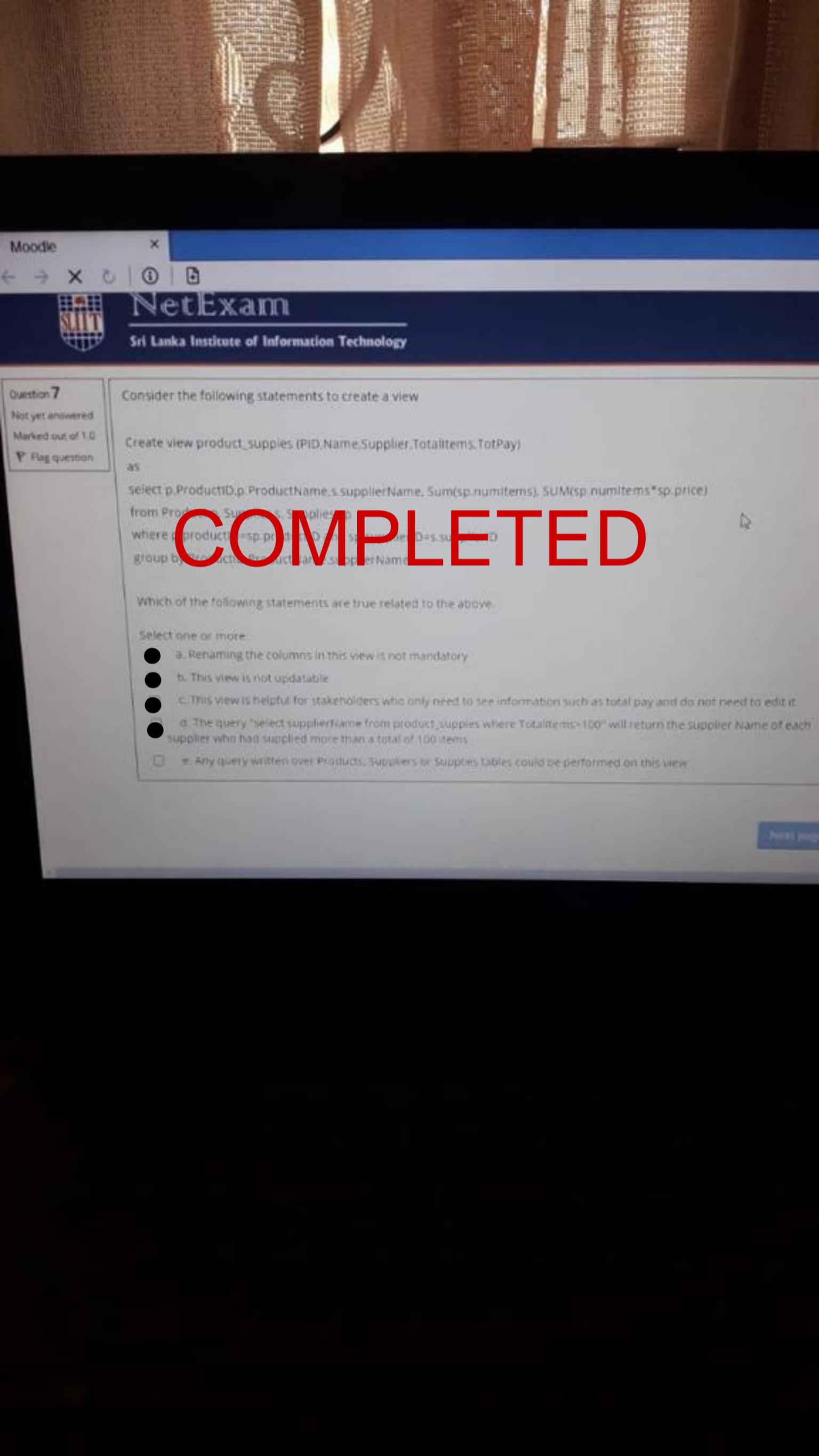


The default parameter type in stored procedures is

Select one:

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

**COMPLETED**



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 Products,Suppliers,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



# NetExam

Sri Lanka Institute of Information Technology

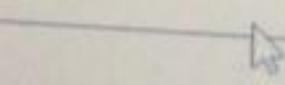
11

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. Create tables
- c. Verify the Integrity of Database
- d. Restore database
- e. Backup database



• SUBMIT

• COMPLETED

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
- 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

**COMPLETED**

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

**COMPLETED**





# NetExam

Sri Lanka Institute of Information Technology

Question 12

12  
12  
12  
12  
12

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

# COMPLETED

XXX

# COMPLETED



Question 10

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. MS-SQL
- c. PG-SQL
- d. P-SQL
- e. T-SQL

**COMPLETED**

**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

# COMPLETED



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

COMPLETED

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

**COMPLETED**





1

answered

out of 1.0

questions

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

**COMPLETED**

Next page

Quiz 1

Finish attempt

Time left 00:00

1 2

3 4

17 18

25 26

33 34

**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,TotItems,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 has 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 the data
- e. This view is not updatable

# COMPLETED

**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, 'Inser  
END
```

If user USER1 executes the following statements:

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

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

**COMPLETED**

Select

- 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

1	2	
8	9	
15	16	1

22	23	24
29	30	31



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

**COMPLETED**

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 statement

```
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. variables declared should be used in where clause only

- d. Consider the following T-SQL statements

```
declare @cnt  
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

**COMPLETED**



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

**COMPLETED**



## 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

# COMPLETED

b

[Next page](#)

≡ Q

Finish

Time le

1

9

17

25

33

34



NetExam

Sri Lanka Institute of Information Technology

## Question 5

Not yet answered

Marked out of 1.0

 Flag question

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 can 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**

≡ Quiz na

Finish attempt

Time left 0:4

1	2
8	9
15	16
22	23
29	30

**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

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

# COMPLETED

**≡ Quiz navigation**

Finish attempt...

Time left 0:41:38

1	2	3	4
9	10	11	12
17	18	19	20
25	26	27	28
33	34	35	

Project Exam  
Sri Lanka Institute of Information Technology

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. U-SQL

.COMPLETED



Question 7

Not yet answered

Marked out of 1.0

\* Flag question

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

Select one:

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

**COMPLETED**





# 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 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

**COMPLETED**



# 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 used to specify the operations which will execute the trigger
- b. Deleted is a virtual table
- c. Inserted table has the same number of the columns as the table to which data are inserted
- d. The update 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

**COMPLETED**



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 in an error
- b. variables declared should be used in where clause only
- c. Consider the following statements :  

```
declare @total int
select sum(smark) 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

**COMPLETED**

The default parameter type in stored procedures is:

Select one:

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

**COMPLETED**

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

**COMPLETED**

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
```

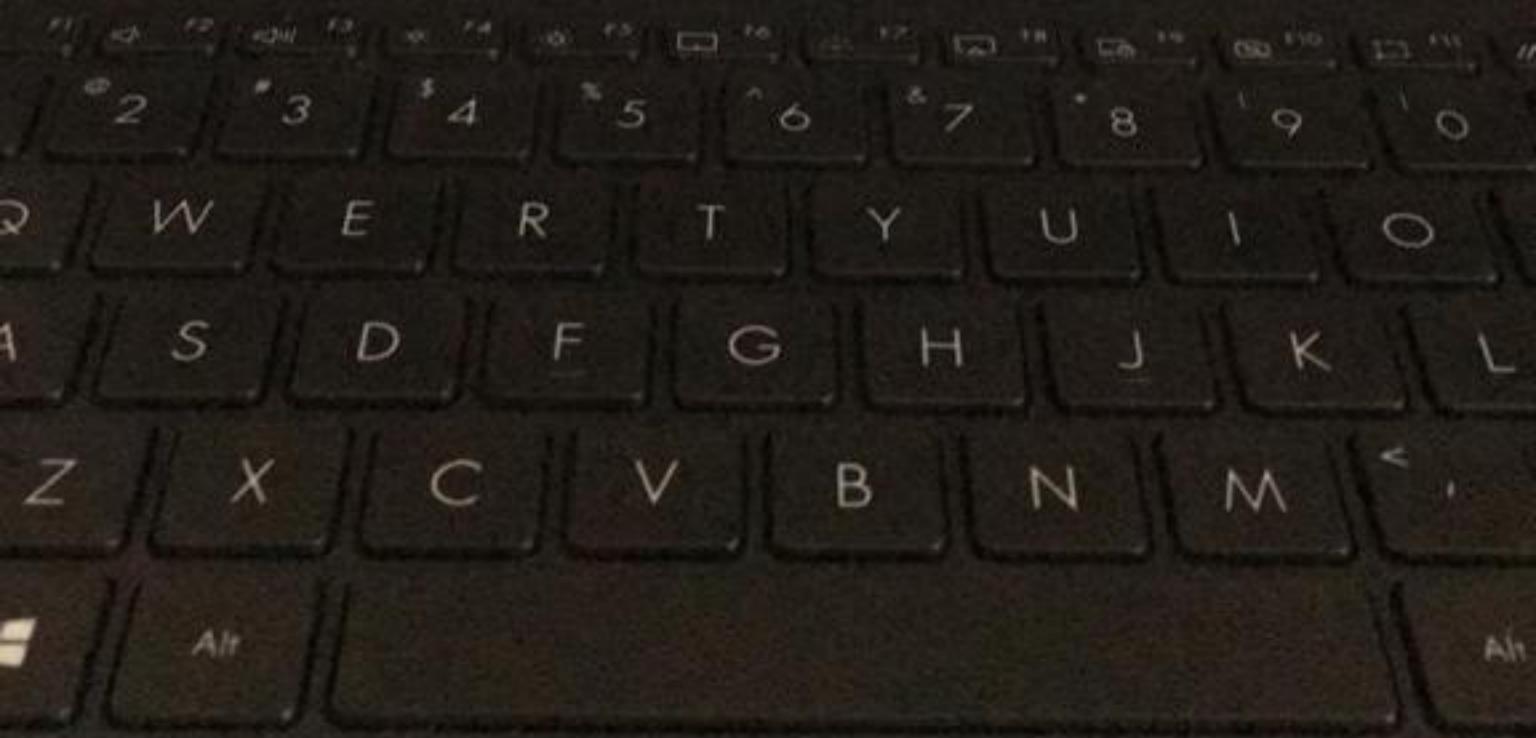
Which of the following statements are true related to the above.

Select one or more:

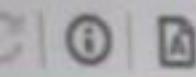
- a. Renaming the columns in this view is not mandatory
- b. Any query written over Products, Suppliers or Supplies tables could be performed on this view
- c. This view is not updatable
- d. This view is helpful for stakeholders who only need to see information such as total pay and do not need to edit 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

# COMPLETED

ASUS VivoBook



X



# NetExam

Sri Lanka Institute of Information Technology

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 VALUES (2);
UPDATE tbl SET col2 = 'locked' 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

**COMPLETED**



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

**COMPLETED**



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

**COMPLETED**



## 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 table.
- b. An application running on a remote client needs to collect three input values, perform a calculation using these values, and then store 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 information about employees.
- d. An application running on a remote client needs to calculate the total salary for every new employee that joins the company.
- e. All of the above.

**COMPLETED**