

# PASSEXAM 問題集

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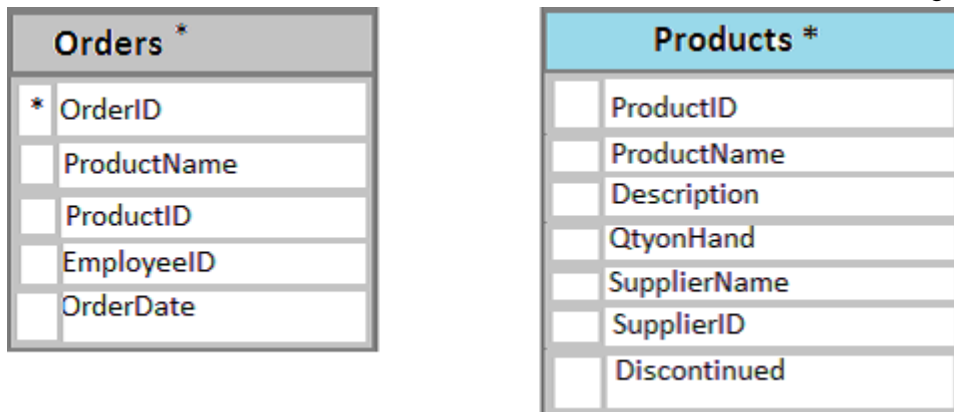
**Exam** : **70-762**

**Title** : **Developing SQL Databases**

**Version** : **Demo**

### 1.DRAG DROP

You have a database named Sales that contains the following database tables: Customer, Order, and Products. The Products table and the Order table are shown in the following diagram.



The customer table includes a column that stores the data for the last order that the customer placed. You plan to create a table named Leads. The Leads table is expected to contain approximately 20,000 records. Storage requirements for the Leads table must be minimized.

Changes to the price of any product must be less a 25 percent increase from the current price. The shipping department must be notified about order and shipping details when an order is entered into the database.

You need to implement the appropriate table objects.

Which object should you use for each table? To answer, drag the appropriate objects to the correct tables. Each object may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

#### Objects

Foreign key constraint	Instead of trigger
Check constraint	Primary key constraint
Unique constraint	After insert trigger

#### Answer Area

Table	Objects
Orders	
Products	

Answer:

#### Objects

Foreign key constraint	Instead of trigger
Check constraint	Primary key constraint
Unique constraint	After insert trigger

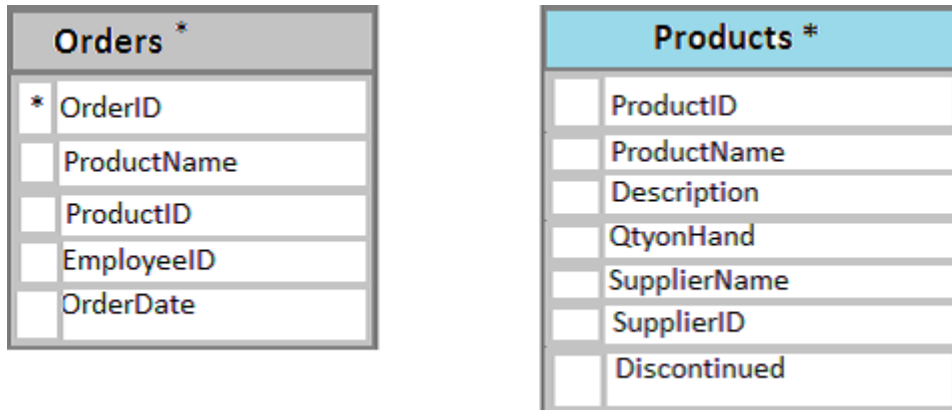
#### Answer Area

Table	Objects
Orders	Foreign key constraint
Products	Primary key constraint

### 2.HOTSPOT

You have a database named Sales that contains the following database tables: Customer, Order, and Products.

The Products table and the Order table are shown in the following diagram.



The customer table includes a column that stores the data for the last order that the customer placed. You plan to create a table named Leads. The Leads table is expected to contain approximately 20,000 records. Storage requirements for the Leads table must be minimized.

You need to implement a stored procedure that deletes a discontinued product from the Products table. You identify the following requirements:

What should you do? To answer, select the appropriate Transact-SQL segments in the answer area.

### Answer Area

Requirement	Transact-SQL segment				
Handle errors	<table border="1" style="width: 100%;"> <tr><td>Try/Parse</td></tr> <tr><td>Select @@error</td></tr> <tr><td>Begin Tran/Rollback Tran</td></tr> <tr><td>Try/Catch*</td></tr> </table>	Try/Parse	Select @@error	Begin Tran/Rollback Tran	Try/Catch*
Try/Parse					
Select @@error					
Begin Tran/Rollback Tran					
Try/Catch*					
Display error message	<table border="1" style="width: 100%;"> <tr><td>ERROR MESSAGE()</td></tr> <tr><td>PRINT</td></tr> <tr><td>RAISERROR</td></tr> <tr><td>RETURN</td></tr> </table>	ERROR MESSAGE()	PRINT	RAISERROR	RETURN
ERROR MESSAGE()					
PRINT					
RAISERROR					
RETURN					

Answer:

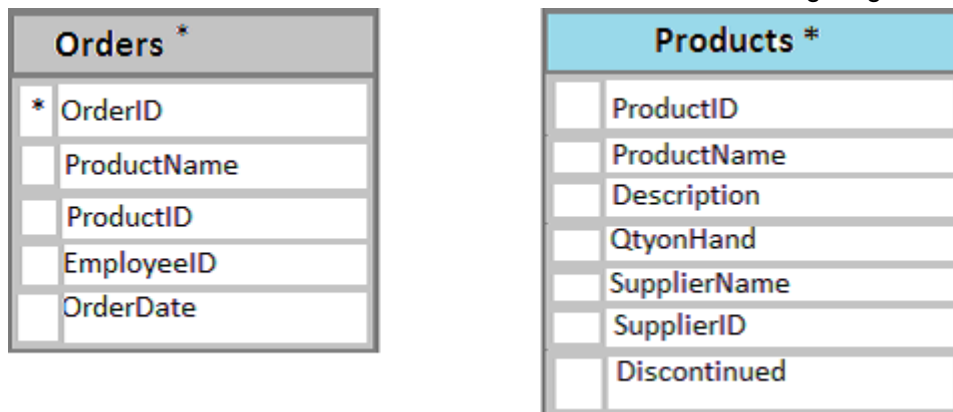
## Answer Area

Requirement	Transact-SQL segment
Handle errors	Try/Parse Select @@error
	Begin Tran/Rollback Tran
	Try/Catch*
Display error message	ERROR MESSAGE()
	PRINT
	RAISERROR
	RETURN

### 3.HOTSPOT

You have a database named Sa les that contains the following database tables: Customer, Order, and Products.

The Products table and the Order table are shown in the following diagram.



The customer table includes a column that stores the data for the last order that the customer placed. You plan to create a table named Leads. The Leads table is expected to contain approximately 20,000 records. Storage requirements for the Leads table must be minimized.

You need to create triggers that meet the following requirements:

In the table below, identify the trigger types that meet the requirements.

NOTE: Make only selection in each column. Each correct selection is worth one point.

**Answer Area**

Trigger type	Provide custom	Update Customer table
AFTER INSERT trigger	<input type="radio"/>	<input type="radio"/>
INSTEAD OF INSERT trigger	<input type="radio"/>	<input type="radio"/>
AFTER UPDATE trigger	<input type="radio"/>	<input type="radio"/>
INSTEAD OF UPDATE trigger	<input type="radio"/>	<input type="radio"/>

Answer:

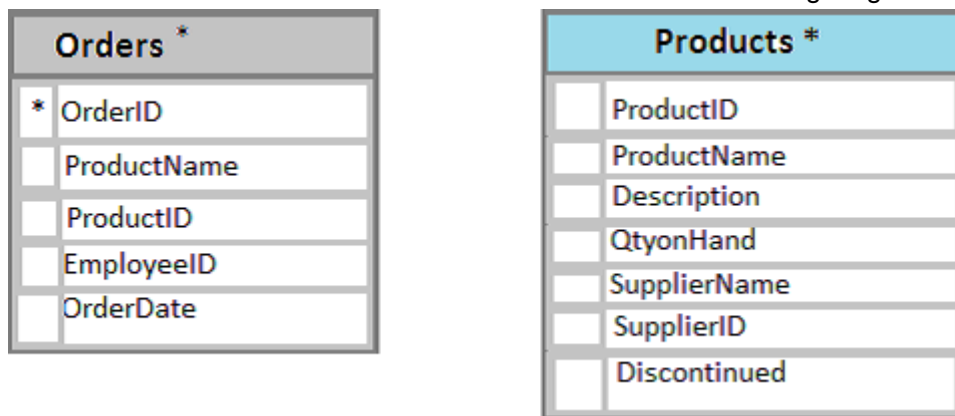
**Answer Area**

Trigger type	Provide custom	Update Customer table
AFTER INSERT trigger	<input checked="" type="radio"/>	<input type="radio"/>
INSTEAD OF INSERT trigger	<input type="radio"/>	<input type="radio"/>
AFTER UPDATE trigger	<input type="radio"/>	<input checked="" type="radio"/>
INSTEAD OF UPDATE trigger	<input type="radio"/>	<input type="radio"/>

4.HOTSPOT

You have a database named Sales that contains the following database tables: Customer, Order, and Products.

The Products table and the Order table are shown in the following diagram.



The customer table includes a column that stores the data for the last order that the customer placed. You plan to create a table named Leads. The Leads table is expected to contain approximately 20,000 records. Storage requirements for the Leads table must be minimized.

The Leads table must include the columns described in the following table.

Column name	Description
LeadID	This column stores a unique vale that is automatically assigned for each lead.
IsCustomer	This column indicates whether the lead is for a current customer.

The data types chosen must consume the least amount of storage possible. You need to select the appropriate data types for the Leads table.

In the table below, identify the data type that must be used for each table column.

NOTE: Make only one selection in each column.

**Answer Area**

Data type	LeadID	IsCustomer
smallint	<input type="radio"/>	<input type="radio"/>
int	<input type="radio"/>	<input type="radio"/>
binary	<input type="radio"/>	<input type="radio"/>
numeric	<input type="radio"/>	<input type="radio"/>
bit	<input type="radio"/>	<input type="radio"/>

Answer:

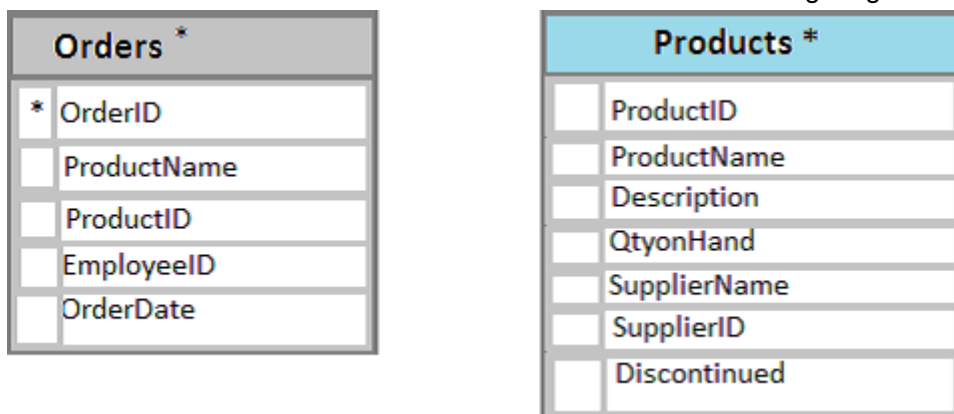
**Answer Area**

Data type	LeadID	IsCustomer
smallint	<input checked="" type="radio"/>	<input type="radio"/>
int	<input type="radio"/>	<input type="radio"/>
binary	<input type="radio"/>	<input type="radio"/>
numeric	<input type="radio"/>	<input type="radio"/>
bit	<input type="radio"/>	<input checked="" type="radio"/>

5.HOTSPOT

You have a database named Sales that contains the following database tables: Customer, Order, and Products.

The Products table and the Order table are shown in the following diagram.



The customer table includes a column that stores the data for the last order that the customer placed. You plan to create a table named Leads. The Leads table is expected to contain approximately 20,000 records. Storage requirements for the Leads table must be minimized.

You need to modify the database design to meet the following requirements:

In the table below, identify the constraint that must be configured for each table.

NOTE: Make only one selection in each column.

### Answer Area

Constraint	Orders table	Products table
Check constraint on <b>OrderID</b>	<input type="radio"/>	<input type="radio"/>
Foreign key constraint on <b>ProductID</b>	<input type="radio"/>	<input type="radio"/>
Check constraint on <b>ProductID</b>	<input type="radio"/>	<input type="radio"/>
Foreign key constraint on <b>OrderID</b>	<input type="radio"/>	<input type="radio"/>

Answer:

### Answer Area

Constraint	Orders table	Products table
Check constraint on <b>OrderID</b>	<input type="radio"/>	<input type="radio"/>
Foreign key constraint on <b>ProductID</b>	<input checked="" type="radio"/>	<input type="radio"/>
Check constraint on <b>ProductID</b>	<input type="radio"/>	<input checked="" type="radio"/>
Foreign key constraint on <b>OrderID</b>	<input type="radio"/>	<input type="radio"/>