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Vendor:Microsoft

Exam Code:MB-500

Exam Name:Microsoft Dynamics 365 Finance and
Operations Apps Developer

Version:Demo

QUESTION 1

A developer submits code for a quality assurance review. Several lines of code use the var data type.

You need to validate the segments for the correct X++structure. Which code statement will pass validation?

- A. `var var1 = systemDataGet(); var1 = var1 ? today():"Not today";`
- B. `var var1 = (var1 >= false) ? true:10;`
- C. `var var1 = true; var1 = true ? 10:false;`
- D. `var var1 = true ? 10:"10";`

Correct Answer: C

QUESTION 2

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has a clustered index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.

You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.

Which embedded-SQL statement should you use?

C. [ExtensionOf(tableStr(SalesLine))]
public class SalesLine_Extension
{
 boolean validateWrite(boolean _skipCreditLimitCheck)
 {
 boolean ret;
 ret = next validateWrite(_skipCreditLimitCheck);
 if (ret && this.SalesPrice < 0)
 {
 ret = false;
 }
 return ret;
 }
}

D. [ExtensionOf(tableStr(SalesLine))]
final class SalesLine_Extension
{
 boolean validateWrite(boolean _skipCreditLimitCheck)
 {
 boolean ret;
 try
 {
 ret = next validateWrite(_skipCreditLimitCheck);
 }
 catch
 {
 ret = false;
 }
 if (ret && this.SalesPrice < 0)
 {
 ret = false;
 }
 return ret;
 }
}

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: C

All select statements use a table variable to fetch records. The results of a select statement are returned in a table buffer variable, here vehicle.

Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-data-query>

QUESTION 3

You use the performance timer to monitor and optimize Dynamics 365 performance. You need to view information about how many users are currently using the application. Which performance counter should you use?

- A. Services Session Provider
- B. Web Client Session
- C. Forms
- D. GC

Correct Answer: B

Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer>

QUESTION 4

DRAG DROP

A company uses Dynamics 365 Unified Operations.

You need to implement role-based security for a set of fields in a table.

How should you arrange the security elements? To answer, drag the appropriate security elements to the correct locations. Each element 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.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

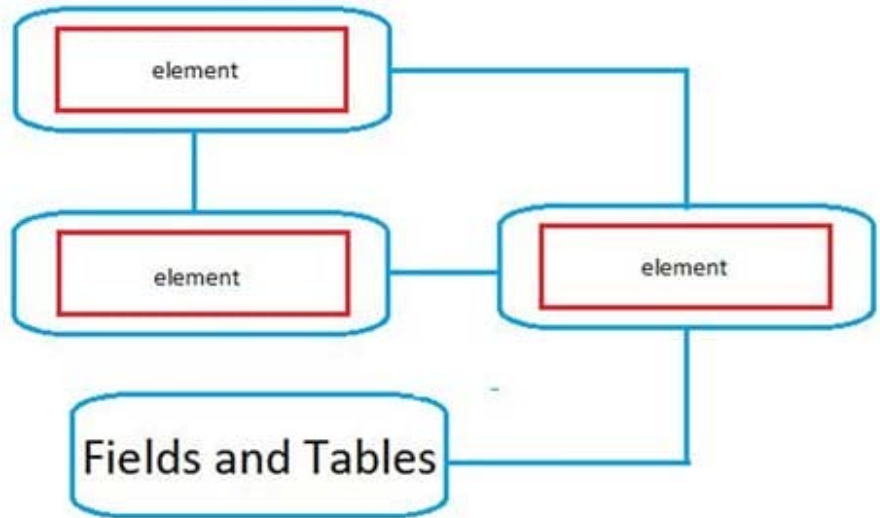
Elements

Role

Privilege

Duty

Permission



Correct Answer:

Answer Area

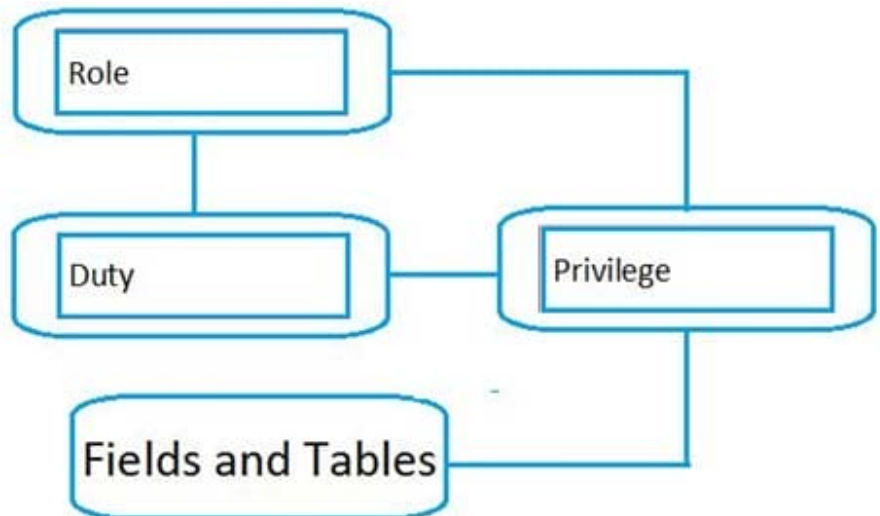
Elements

Role

Privilege

Duty

Permission



QUESTION 5

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Simple List pattern.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: A

Reference: <https://docs.microsoft.com/sv-se/dynamics365/fin-ops-core/dev-itpro/user-interface/simple-list-details-form-pattern>

QUESTION 6

You need to apply a form pattern to the Vendor exclusion list. Which pattern should you use?

A. Workspace

B. Simple List

C. List Page

D. List View

Correct Answer: C

A list page presents a set of data on a user interface that is optimized so that you can browse records, find the right record, and then take an action upon that record. The list page lets the user search, filter, and sort the data. FactBoxes on the

right side of the grid show related data for the active record. Actions that are relevant to the record are located on the ActionPane at the top of the page.

Scenario: You must develop a new solution to maintain a Vendor exclusion list for each customer and item combination. The solution must meet the following requirements:

1.

Isolate all new vendor exclusion codes as a new assembly by creating a table named VendExclusions.

2.

Create an index for the table named PrimaryIdx that uses the following fields: CustAccount, ItemId, VendAccount.

3.

Ensure that users can open the Vendor Exclusion list report from the customer master form. The list must display the customer account, Item ID, and Vendor account fields.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/list-pageform-pattern>

QUESTION 7

You need to investigate the Vendor exclusion list issue. What should you do?

- A. Navigate to the General tab and select Database log
- B. Navigate to the Page options tab, select Record Info, and then select Show all fields.
- C. Navigate to the Options tab and select Personalize this form. Add a field button and the required field.
- D. Navigate to the General tab, select Record Info, and then select Show all fields.

Correct Answer: B

Note: A sales manager suspects a data-related issue in the vendor exclusion list. User1 must identify the user who created the referenced exclusion records.

On each form in Microsoft Dynamics AX, there is a menu item Record info on the OPTIONS menu tab page.

Click on the Record info button to get the next dialog presented.

The dialog gives you also the option to show all fields or view database log records related to a certain record.

Reference: <https://kaya-consulting.com/en/how-to-rename-records-in-ax7/>

QUESTION 8

DRAG DROP

You are developing new features for an app.

You must perform unit testing for the features by using the Unit Test framework.

You need to create unit test code using appropriate test attributes.

Which test attribute should you use? To answer, drag the appropriate test attributes to the correct descriptions. Each test attribute 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.

NOTE: Each correct selection is worth one point.

Select and Place:

Test attributes

SysTestMethodAttribute

SysTestInactivateTestAttribute

SysTestCheckInTestAttribute

SysTestTargetAttribute

Answer Area

Description

Unit testing code

Indicates the class or method is deactivated

Test attribute

Two dashed rectangular boxes for selecting a test attribute.

Correct Answer:

Test attributes

Two empty rectangular boxes for selecting test attributes.

SysTestCheckInTestAttribute

SysTestTargetAttribute

Answer Area

Description

Unit testing code

Indicates the class or method is deactivated

Test attribute

SysTestMethodAttribute

SysTestInactivateTestAttribute

QUESTION 9

HOTSPOT

You have the following code:


```

[SystemEntryPointAttributeRole]
class CashDiscountDP extends SRSReportDataProviderBase
{
    CashDiscountTmp cashDiscountTmp;
    [SRSReportDataSetAttribute(tableStr(CashDiscountTmp))]
    public CashDiscountTmp getCashDiscountTmp()
    {
        select cashDiscountTmp;
        return cashDiscountTmp;
    }
    public boolean processReport()
    {
        ...
    }
}

```

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area	Statement	Yes	No
	You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input type="radio"/>
	The class allows SQL Server Reporting Services to retrieve data for the report.	<input type="radio"/>	<input type="radio"/>
	processReport() has the correct method signature.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statement	Yes	No
You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input checked="" type="radio"/>
The class allows SQL Server Reporting Services to retrieve data for the report.	<input checked="" type="radio"/>	<input type="radio"/>
processReport() has the correct method signature.	<input type="radio"/>	<input checked="" type="radio"/>

Reference: <https://docs.microsoft.com/en-us/dynamicsax-2012/developer/security-privilege-properties>

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/how-to-use-a-report-data-provider-class-in-a-report>

QUESTION 10

You are a Dynamics 365 Finance developer.

You create an integer variable named `inventQuantity`.

You need to display the value from `inventQuantity` in an info statement.

Which code segment can you use?

- A. `info(int2str(inventQuantity));`
- B. `info(inventQuantity);`
- C. `info(strLen(int2str(inventQuantity));`

Correct Answer: A

`int2Str` converts an integer to the equivalent string.

Example:

```
info("nInt = " + int2str(nInt));
```

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-ref/xpp-conversion-run-time-functions>

QUESTION 11

You are a Dynamics 365 Finance developer. You need to create an extension class. Which action should you perform?

- A. Mark the class as final.
- B. Add the class buffer as the first parameter.
- C. Add the suffix .extension to the file name.
- D. Mark the class as public.

Correct Answer: A

You first create a new class in the extension model.

There are a few rules for augmentation classes:

They must be final (not public!).

They must be suffixed by _Extension (not in the file name!)

They must be decorated with the [ExtensionOf()] attribute.

Reference:

<https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-method-table>

QUESTION 12

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to false for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

- A. Yes
- B. No

Correct Answer: B

The Extensible property must be set to true for the CarType enumeration.

Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/add-enum-value>