

## Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

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### NEW QUESTION 1

- (Exam Topic 1)

You need to modify the CashDisc form to meet the requirements.

Which objects should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Create the following object on the CashDisc table:

Add a ☐ relation ☐ field ☐ display method ☐ field group

Restore the ☐ design ☐ data source ☐ form parts ☐ form methods

to the table and then a ☐ of the CashDisc form.

**Action**

☐ duplicate ☐ extension ☐ inheritance ☐ overlayering

☐ index ☐ field group ☐ map ☐ relation

A. Mastered

B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Create the following object on the CashDisc table:

Add a ☐ relation ☐ field ☐ display method ☐ field group

Restore the ☐ design ☐ data source ☐ form parts ☐ form methods

to the table and then a ☐ of the CashDisc form.

**Action**

☐ duplicate ☐ extension ☐ inheritance ☐ overlayering

☐ index ☐ field group ☐ map ☐ relation

### NEW QUESTION 2

- (Exam Topic 1)

You need to update the CashDic report to meet the requirements. What should you do?

- A. Customize the existing CashDisc report in the overlayering model and add the new field to the design.
- B. Extend the existing CashDisc report in the extension model and add the new field to the design.
- C. Duplicate the existing CashDisc report in the extension model and add the new field to the design.
- D. Delete the existing CashDisc report in the extension model and create a new report.

**Answer:** A

### NEW QUESTION 3

- (Exam Topic 1)

You have the following code:

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit What should you do?

- A. Add a new case statement in the model of the existing code,
- B. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
- C. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.
- D. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

Answer: B

NEW QUESTION 4

- (Exam Topic 2)

You need to implement the migration requirements.

Which two options can you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a data entity and a Data management import job
- B. a data entity and Entity store
- C. a data entity and bring your own database (BYOD)
- D. a public data entity and the Excel add-in

Answer: BC

NEW QUESTION 5

- (Exam Topic 3)

You have the following code:

```
public void CompareValues()
{
    Date myDate = str2date('01/08/1901',123);
    boolean result1, result2, result3;
    result1 = (myDate + 1 == str2date('02/08/1901', 123));
    result2 = (int2str(real2int(myDate)) + 1 == str2date('02/08/1901', 123));
}
```

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

Answer Area			
		Yes	No
Statement			
The value of result1 = true		<input type="radio"/>	<input type="radio"/>
The value of result2 = true		<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area	Statement	Yes	No
	The value of result1 = true	<input checked="" type="radio"/>	<input type="radio"/>
	The value of result2 = true	<input checked="" type="radio"/>	<input type="radio"/>

#### NEW QUESTION 6

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have a form that displays customer records by using a listpage control. You must add related sales total information for the selected customer to the form.

You need to display the required related sales total information. What should you add to the form?

- A. a quick filter
- B. a factbox
- C. an external feed
- D. a title
- E. a custom lookup

**Answer: E**

#### NEW QUESTION 7

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) in a development environment. You need to display the KPI. What should you do?

- A. Add the KPI to an existing form.
- B. Create a tile and add the KPI to the tile.
- C. Create a new workspace and add the KPI to the workspace.

**Answer: C**

#### NEW QUESTION 8

- (Exam Topic 3)

You are Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. addReportControl(formGroupControl)
- B. initializeReportControlInternal(powerBIConfiguration, reportParameters, reportControl, showError)
- C. InitializeReportControl(workspaceName, Formgroup)
- D. deployorUpdateReport(powerBIConfiguration, reportName, resourceName)

**Answer: A**

#### NEW QUESTION 9

- (Exam Topic 3)

You have a Dynamics 365 Finance development environment.

You must add default filters to the fleet management form. You must view only sales that occur in the current sales period and where the Customer name field contains the text Wholesales

You need to configure filtering.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



Answer Area

Element

Value

SysQuery method

SysQueryRangeUtil

Filter clause

addRangesFromKeyData  
range  
packRangeAndSortOrder  
mergeFilters

lessThanDate  
currentDate  
dateRange  
monthRange

contains \*Wholesales  
contains ..Wholesales  
contains Wholesales\*  
contains \*Wholesales\*

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Element

Value

SysQuery method

SysQueryRangeUtil

Filter clause

addRangesFromKeyData  
range  
packRangeAndSortOrder  
mergeFilters

lessThanDate  
currentDate  
dateRange  
monthRange

contains \*Wholesales  
contains ..Wholesales  
contains Wholesales\*  
contains \*Wholesales\*

NEW QUESTION 10

- (Exam Topic 3)

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

- A. Add the class buffer as the first parameter.
- B. Mark the class as final.
- C. Mark the class as public.
- D. Mark the class as protected.

Answer: A

NEW QUESTION 10

- (Exam Topic 3)

You have an enumeration named truckStatus that has the following statuses:

- Empty
- Loaded
- Completed

You have the following code:

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.

```
if ( truckTable.TruckStatus == TruckStatus::Quarantine || truckTable.TruckStatus == TruckStatus::InTransit)
{
    Info("Extended");
}
```

Does the solution meet the goal? Does the solution meet the goal?

- A. Yes.
- B. No

**Answer:** A

#### NEW QUESTION 11

- (Exam Topic 3)

You need to prepare to deploy a software deployable package to a test environment. What are two possible ways to achieve the goal?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the as
- B. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.
- C. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- D. In Visual Studio, export the project and upload the project to the asset library.

**Answer:** BD

#### NEW QUESTION 15

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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

**Answer:** B

#### NEW QUESTION 19

- (Exam Topic 3)

You are configuring your developer environment by using Team Explorer. There are several developers working on a customization.

You need to ensure that all code is checked in and then merged to the appropriate branches.

In which order should you perform the actions? To answer, move all actions from the list of action to the answer area and arrange them in the correct order.

NOTE: More than one order of answer is correct. You will receive credit for any of the correct orders you select.

Actions

Connect to the Microsoft Azure DevOps project.

Map the Microsoft Azure DevOps project to your local developer machine.

Create a dev branch.

Create a test branch.

Create a main branch.

>

<

Answer area

>

<

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Actions

Connect to the Microsoft Azure DevOps project.

Map the Microsoft Azure DevOps project to your local developer machine.

Create a dev branch.

Create a test branch.

Create a main branch.

>

<

Answer area

Create a main branch.

Create a dev branch.

Map the Microsoft Azure DevOps project to your local developer machine.

Connect to the Microsoft Azure DevOps project.

Create a test branch.

>

<

#### NEW QUESTION 21

- (Exam Topic 3)

You are creating entities that will have unmapped fields. You need determine which type of unmapped field to use.

Which field types should you use? To answer, drag the appropriate field types to the correct requirements. Each field type 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.

#### Answer Area

Requirement	Field type
Create a read-only field that fetches data directly from a view.	computed virtual
Create a field that is computed by SQL Server.	computed virtual
Create a field that is calculated row by row during read and write operations by using X++ code.	computed virtual
Create a non-persisted field.	computed virtual

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:



Answer Area

Requirement	Field type
Create a read-only field that fetches data directly from a view.	<div>computed</div> <div>virtual</div>
Create a field that is computed by SQL Server.	<div>computed</div> <div>virtual</div>
Create a field that is calculated row by row during read and write operations by using X++ code.	<div>computed</div> <div>virtual</div>
Create a non-persisted field.	<div>computed</div> <div>virtual</div>

NEW QUESTION 24

- (Exam Topic 3)  
You are Dynamics 365 Finance developer.  
You need to use the Extensible Data Security (XDS) framework to restrict access to the data in the Sales table from based on the customer group and the role of the user.  
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of the actions to the answer area and arrange them in the correct order.

Answer area

Actions

Define the list of constrained tables.

Assign the newly created role to the user.

Create new user role and add required privileges.

Create a security policy that links to the query and primary table.

Create a query to define filters.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer area

Actions

Define the list of constrained tables.

Assign the newly created role to the user.

Create new user role and add required privileges.

Create a security policy that links to the query and primary table.

Create a query to define filters.

Create a query to define filters.

Assign the newly created role to the user.

Create a security policy that links to the query and primary table.

Define the list of constrained tables.

NEW QUESTION 26

- (Exam Topic 3)  
You have a Dynamic 365 Finance environment.  
You have the following code: (Line number are included for reference only.)



```
01 class SalesPriceDiscount
02 {
03     ...
04     public void calculatePrice
05     {
06         ...
07     }
08     public static AmountCur getDiscount(Percent markup)
09     {
10         ...
11     }
12 }
13 [ExtensionOf(classStr(SalesPriceDiscount))]
14 final class SalesPriceDiscountMy_Extension
15 {
16     public void calculatePrice()
17     {
18         ...
19         next calculatePrice();
20         ...
21     }
22 }
```

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

Answer Area

Statement	Yes	No
The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.	<input type="radio"/>	<input type="radio"/>
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	<input type="radio"/>	<input type="radio"/>
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	<input type="radio"/>	<input type="radio"/>
The extension class can be instantiated by running the following code:	<input type="radio"/>	<input type="radio"/>
<pre>SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();</pre>		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statement	Yes	No
The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.	<input checked="" type="radio"/>	<input type="radio"/>
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	<input checked="" type="radio"/>	<input type="radio"/>
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	<input type="radio"/>	<input checked="" type="radio"/>
The extension class can be instantiated by running the following code:	<input checked="" type="radio"/>	<input type="radio"/>

```
SalesPriceDiscountMy_Extension myInstance = new  
SalesPriceDiscountMy_Extension();
```

NEW QUESTION 29

- (Exam Topic 3)  
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. 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 Operational Workspaces pattern. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 31

- (Exam Topic 3)  
A company uses Dynamics 365 Finance.  
Client companies require weekly updates for service performed. You create custom data entity by using the Data Entity wizard.  
You need to expose a list of service to external business companies.  
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of the action to the answer area and arrange them in the correct order.

Actions

Synchronize the database.

Map the data entity to the data view.

Build the solution.

Configure properties for the data entity.

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Synchronize the database.

Map the data entity to the data view.

Build the solution.

Configure properties for the data entity.

Answer area

NEW QUESTION 33

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

Users are experiencing slower load times for the All Customers form. You need to update caching for CustTable to improve data retrieval times.

How should you configure CacheLookup properties? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Property	Value
Set-based caching	<div>Entire table None Found FoundandEmpty</div>
Single-record caching	<div>Found Entire table None SurrogateKey</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Property	Value
Set-based caching	<div>Entire table <div>None</div> Found FoundandEmpty</div>
Single-record caching	<div>Found Entire table None <div>SurrogateKey</div></div>

NEW QUESTION 38

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