



Microsoft

Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

NEW QUESTION 1

- (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	Statement	Yes	No
	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 type="radio"/>	<input type="radio"/>

NEW QUESTION 2

- (Exam Topic 3)

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations. For which scenario should you recommend asynchronous integration?

- A. When products are updated in Finance and Operations, a third-party application that contains the same product information needs to also be updated in near real-time.
- B. A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.
- C. A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.
- D. A manufacturer wants to move production data from an on-premises deployment Dynamics 365 Finance in near real-time.

Answer: D

NEW QUESTION 3

- (Exam Topic 3)

A company uses Dynamics 365 Supply Chain Management. You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy 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.

Strategies

OData endpoint

batch data API

custom service

Excel integration

Answer Area

Scenario

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

Strategy

Strategy

Strategy

Strategy

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Strategies

OData endpoint

batch data API

custom service

Excel integration

Answer Area

Scenario

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

Strategy

batch data API

OData endpoint

Excel integration

NEW QUESTION 4

- (Exam Topic 3)

You are using the SysTest framework to test code in Visual Studio. You need to create a unit test class.

Which three attributes can you use to create the class? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Test Property
B. EntryPoint
C. Owner
D. Priority
E. TestFilter

Answer: ACE

NEW QUESTION 5

- (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	addRangesFromKeyData range packRangeAndSortOrder mergeFilters
SysQueryRangeUtil	lessThanDate currentDate dateRange monthRange
Filter clause	contains *Wholesales contains ..Wholesales contains Wholesales* contains *Wholesales*

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Element	Value
SysQuery method	addRangesFromKeyData range packRangeAndSortOrder mergeFilters
SysQueryRangeUtil	lessThanDate currentDate dateRange monthRange
Filter clause	contains *Wholesales contains ..Wholesales contains Wholesales* contains *Wholesales*

NEW QUESTION 6

- (Exam Topic 3)

You are creating a new form in Visual Studio.

You need to apply the Simple List pattern and apply the pattern to a form.

What are the two possible ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Use the Application Object Tree (AOT).
- B. Use the designer.
- C. Use form statistics.
- D. Use metadata properties.

Answer: AB

NEW QUESTION 7

- (Exam Topic 3)

You are developing a customization for Dynamics 365 Finance.

The customization must extend objects from the Application Foundation package. You need to create and configure a new model for the customization.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a new model that builds into its own separate assembly.
- B. Reference the Application Foundation package when creating the extension model.
- C. Create a new model that is part of an existing package.
- D. Assign the model to the USR layer.
- E. Create an extension class that references the Application Foundation.

Answer: CD

NEW QUESTION 8

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have a report in an existing model that connects with the following objects: In-memory table

Data provider class Controller class Contract class

The report is locked for modifications.

You need to create an extension of the in-memory table in a model and you add the new field to the extension. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create an extension of the report in the model and add the new field on the report design.

Create a duplicate from the existing report controller class in the model. Update the class logic to point to the new report.

Create an extension of the existing report controller class in the model. Update the class logic to point to the new report.

Create a duplicate from the report in the model and add the new field on the report design.

Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create an extension of the report in the model and add the new field on the report design.

Create a duplicate from the existing report controller class in the model. Update the class logic to point to the new report.

Create an extension of the existing report controller class in the model. Update the class logic to point to the new report.

Create a duplicate from the report in the model and add the new field on the report design.

Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Answer area

Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create a duplicate from the existing report controller class in the model. Update the class logic to point to the new report.

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

NEW QUESTION 9

- (Exam Topic 3)

A company uses Dynamics 365 Finance.

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.

Elements

Role
Privilege
Duty
Permission



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Elements

Role
Privilege
Duty
Permission



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 10

- (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

&u2191

⇊

- 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.

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NEW QUESTION 11

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

The sales department manager must to be able to view total customers by region and total sales by regions. You need to build key performance indicators (KPIs) and display them on a tile in the application.

How should you model the KPI? To answer, drag the appropriate objects to the correct KPI components. 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.

NOTE: Each correct selection is worth one point.

Objects

Aggregate dimension

Aggregate measurements

Aggregate data entity

Answer Area

KPI component

Total sales

Customers

Region

Object

object

object

object

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Objects	Answer Area	KPI component	Object
Aggregate dimension		Total sales	Aggregate data entity
		Customers	Aggregate dimension
Aggregate data entity		Region	Aggregate measurements

NEW QUESTION 15

- (Exam Topic 3)
You are a Dynamics 365 finance developer. You need to monitor system performance.
Which tools should you use? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

Answer Area	Requirement	Tool
	Review overall health of the system, as well as currently running processes and historical data.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL Profiler</div>
	Review the load time and latency of different forms.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL Profiler</div>
	Review a single process and see the code and SQL statements that are being run.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL profiler</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area	Requirement	Tool
	Review overall health of the system, as well as currently running processes and historical data.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL Profiler</div>
	Review the load time and latency of different forms.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL Profiler</div>
	Review a single process and see the code and SQL statements that are being run.	<div>LCS Environment Monitoring tool Fiddler Trace Parser SQL profiler</div>

NEW QUESTION 16

- (Exam Topic 3)
You are a Dynamics 365 Finance developer. You have a virtual machine that includes Visual Studio. You need to display the elements by model. What should you do?

- A. Select Metadata Search from the Dynamics 365 menu.
- B. Select Model Management from the menu and then select View all package dependencies
- C. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- D. Select Model Management from the menu and then select Refresh Models.

Answer: A

NEW QUESTION 18

- (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 Details Master pattern. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 20

- (Exam Topic 3)

You are working with extended data types in Visual Studio.

You need to create an extension of an Extended Data Types (EDT) that is derived from base data types. Which three properties can be modified? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Label
- B. String size
- C. Alignment
- D. IsExtensible
- E. Form help

Answer: BCE

NEW QUESTION 22

- (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.	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

NEW QUESTION 23

- (Exam Topic 3)

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?

- A. select vehicle order by VehicleIdIdx desc;
- B. select vehicl
- C. index VehicleId;
- D. select vehicle order by VehicleId;
- E. select vehicle order VehicleId desc;

Answer: B

NEW QUESTION 28

- (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 30

- (Exam Topic 3)

A company has an extension that makes changes to a base form. You need to identify all extension changes made to the base form. 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. Right-click the base form and select view references
- B. In search bar on the form extension element, enter the text e:
- C. In the search bar on the base form, enter the text e:.
- D. In the search bar on the form extension element, enter the text c:
- E. In the search bar on the base form, enter the text c:.

Answer: DE

NEW QUESTION 31

- (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><div>Found</div><div>FoundandEmpty</div></div>
Single-record caching	<div>Found Entire table None <div>SurrogateKey</div></div>

NEW QUESTION 33

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