Microsoft

Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

NEW QUESTION 1
- (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 2
- (Exam Topic 1)
You have the following code:

Account	Action
Accounts Payable Manager	▼
	Duplicate the role and modify the existing privilege entry point access.
	Create a new duty and privilege and add both to the role.
	Run the security tool and validate access for the role.
Accounts Payable Clerk	▼
	Create a new role for the AP clerk and restrict delete access for the CashDisc form.
	Create a new duty and add the existing privilege and add duty to the role.

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 3
- (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 4
- (Exam Topic 3)
You have the following code:

Statement	Yes	No
Add the firstonly keyword to the query and choose a field list in the select statement.	◉	○
Review and configure clustered index table properties.	○	◉
Review and configure primary index table properties.	◉	○
Add a column list that includes the RecId field to the query.	◉	○

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

Requirement	Option
Implement reporting.	▼ Power Platform SQL Server Reporting Services Financial Reporting
Automatically set the query range based on session context.	▼ Controller class ReportDataProvider class UIBuilder class

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Requirement	Option
Implement reporting.	▼ Power Platform **SQL Server Reporting Services** Financial Reporting
Automatically set the query range based on session context.	▼ **Controller class** . ReportDataProvider class UIBuilder class

NEW QUESTION 5
- (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 6
- (Exam Topic 3)
You are creating a Dynamics 365 Finance report. You cannot query the data for the report directly.
You must include parameters to specify data for the report. You need to create the report.
What should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Actions	Answer area
Open the WhsTmpStatusChange table from the application explorer.	
Right-click the project and build the project.	
Right-click the project, select Properties, set the Synchronize Database on Build property to **True**, and then select **OK**.	
Right-click the WhsTmpStatusChange table in the solution explorer and create an extension.	
Right-click WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7
- (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 8
- (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 9
- (Exam Topic 3)
A company has a Dynamics 365 Finance environment. You need to implement indices for new tables.
Which types of indexes should you use? To answer, drag the appropriate types of indexes to the correct requirements. Each type of index 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.

A. Mastered
B. Not Mastered

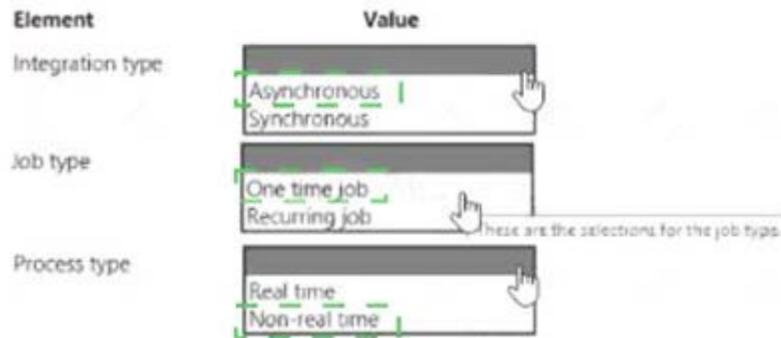**Answer:** A

Explanation:

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:

Answer Area

Element	Value
Integration type	Asynchronous / Synchronous
Job type	One time job / Recurring job (here are the selections for the job type)
Process type	Real time / Non-real time

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.

Actions

| Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT). |
| Right-click the form in the Application Object Tree (AOT). |
| Create an extension of the form in the project. |
| Drag the Product Name and Batch ID fields from the data source to the grid on the form extension. |

Answer area
1
2
3
4

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 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 13
- (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

| Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT). |
| Right-click the form in the Application Object Tree (AOT). |
| Create an extension of the form in the project. |
| Drag the Product Name and Batch ID fields from the data source to the grid on the form extension. |

Answer area

1	Find the WHSTmpStatusChangeDetails form in the Application Object Tree (AOT).
2	Right-click the form in the Application Object Tree (AOT).
3	Create an extension of the form in the project.
4	Drag the Product Name and Batch ID fields from the data source to the grid on the form extension.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Environment types		Tool	Environment type
User Acceptance Testing (UAT) only		Activity Monitoring	
Build only		SQL Insights	
User Acceptance Testing (UAT) and Build		System Diagnostics	

NEW QUESTION 16
- (Exam Topic 3)
You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.
You need to modify the table properties by extending the table.
Which table property can you populate in a table extension by using the property sheet?

A. Created by
B. Table group
C. Configuration key
D. Clustered index

Answer: C

NEW QUESTION 18
- (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.

Answer Area

Environment types		Tool	Environment type
User Acceptance Testing (UAT) only		Activity Monitoring	User Acceptance Testing (UAT) and Build
Build only		SQL Insights	User Acceptance Testing (UAT) only
User Acceptance Testing (UAT) and Build		System Diagnostics	Build only

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Environment type	Tools
Production systems	– Activity monitoring – Environment monitoring – SQL insights – System diagnostics
User acceptance testing (UAT)/sandbox	– Activity monitoring – SQL insights – System diagnostics
Demo/build	– Activity monitoring – System diagnostics

NEW QUESTION 20
- (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

Integration types	Requirement	Integration type
synchronous	Request information about product availability from a web page to calculate the extended price.	
asynchronous	Periodically update a reporting database.	
	Edit data in Microsoft Excel by using the Excel Data Connector add-in.	
	Import a credit card data file once each day.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Integration types	Requirement	Integration type
synchronous	Request information about product availability from a web page to calculate the extended price.	synchronous
asynchronous	Periodically update a reporting database.	asynchronous
	Edit data in Microsoft Excel by using the Excel Data Connector add-in.	synchronous
	Import a credit card data file once each day.	asynchronous

NEW QUESTION 21
- (Exam Topic 3)
You have the following class definition:

```
class WebShopOrderValidations
{
    public static void checkQtyValue(int Qty = 0)
    {
        ...
    }
}
```

You need to create an extension class and create a new static method in it that converts miles to kilometers and then call the method from another class.
How should you complete the code and call the method? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
[ExtensionOf(classStr(WebShopOrderValidations))]
```

final class WebShopOrdVal_Extension ▼
final class WebShopOrderValidations_MyExtension
static class WebShopOrderValidationsMy_Extension
class WebShopOrderValidations_Extension

```
{
```

public static void checkQtyValue(int Qty) ▼
public void checkQtyValue(int Qty)
public static int checkQtyValue(int Qty)
public static void checkQtyValue(int Qty = 0)

```
    {
        next checkQtyValue(Qty);
        if (Qty < 5)
        {
            throw error("Quantity cannot be smaller than 5");
        }
    }
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
[ExtensionOf(classStr(WebShopOrderValidations))]
```

final class WebShopOrdVal_Extension ▼
final class WebShopOrderValidations_MyExtension
static class WebShopOrderValidationsMy_Extension
class WebShopOrderValidations_Extension

```
{
```

public static void checkQtyValue(int Qty) ▼
public void checkQtyValue(int Qty)
public static int checkQtyValue(int Qty)
public static void checkQtyValue(int Qty = 0)

```
    {
        next checkQtyValue(Qty);
        if (Qty < 5)
        {
            throw error("Quantity cannot be smaller than 5");
        }
    }
```

NEW QUESTION 22
- (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.

Application	Scenario	Real-time data required
Dynamics 365 Customer Service app	Sales representatives must be able to change the credit limit for customers by using the app.	Yes
e-commerce website	Customers use the website to request information about product availability.	Yes
on-premises mainframe system	The system generates sales orders. The sales orders must be imported daily into Dynamics 365 Finance.	No

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Patterns		Answer Area		Application	Pattern
dual-write	custom service			Dynamics 365 Customer Service app	
batch data integration				e-commerce website	
				on-premises mainframe system	

NEW QUESTION 25
- (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)
You have a Dynamic 365 Finance environment.
You have the following code: (Line number are included for reference only.)

Patterns		Answer Area		Application	Pattern
dual-write	custom service			Dynamics 365 Customer Service app	dual-write
batch data integration				e-commerce website	custom service
				on-premises mainframe system	batch data integration

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

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 34
- (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 39
- (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.

```
public int calc(int _value)
{
    int ret;
    if (_value <= 10)
    {
        ret = next calc(_value);
    }
    return ret;
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Strategies	Scenario	Strategy
OData endpoint	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.	
batch data API	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.	
custom service	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.	
Excel integration		

NEW QUESTION 43
- (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

Strategies	Scenario	Strategy
OData endpoint	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.	custom service
batch data API	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.	batch data API
custom service	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.	OData endpoint
Excel integration		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
[ExtensionOf(classStr(SalesLineType))]
final class mySalesLineType_myExtension
{
    public int extensionMethodDayofWeek()
    {
        return dayofwk(systemDateGet());
    }
}
```

NEW QUESTION 46
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