

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 overlaying 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 3)

You have the following code:

Statement	Yes	No
Add the firstly keyword to the query and choose a field list in the select statement.	<input checked="" type="radio"/>	<input type="radio"/>
Review and configure clustered index table properties.	<input type="radio"/>	<input checked="" type="radio"/>
Review and configure primary index table properties.	<input checked="" type="radio"/>	<input type="radio"/>
Add a column list that includes the RecId field to the query.	<input checked="" type="radio"/>	<input type="radio"/>

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.	<div><div></div><div>Power Platform</div><div>SQL Server Reporting Services</div><div>Financial Reporting</div></div>
Automatically set the query range based on session context.	<div><div></div><div>Controller class</div><div>ReportDataProvider class</div><div>UIBuilder class</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 3

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You have the following code: (Line numbers are created for reference only.)

Actions

Add the package to source control and check in changes.

Build and create a deployment package.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Import the model into the Build environment.

Import the model into a QA environment.

Import the deployment package in another development environment.

Answer Area

Add the package to source control and check in changes.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Build and create a deployment package.

Which values does the info() method return? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Objects to create

existing model

new model

deployable package

package

model file

project

Action

Create a new deployable unit.

Object to add.

Create, manage, and group elements.

Distribute the solution to customers.

Object to create

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Objects to create	Action	Object to create
existing model	Create a new deployable unit.	package
new model	Object to add.	new model
deployable package	Create, manage, and group elements.	project
package	Distribute the solution to customers.	deployable package
model file		
project		

NEW QUESTION 4

- (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 5

- (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:

Actions	Answer area
Open the WhsTmpStatusChange table from the application explorer.	Right-click WhsTmpStatusChange in the Application Object Tree (AOT) to create the extension and add it to the project.
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 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.	Right-click the project and build the project.

NEW QUESTION 6

- (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.

Answer Area

[ExtensionOf(TableStr(WHSTmpStatusChange))]

[ExtensionOf(ClassStr(WHSTmpStatusChange))]

class newWHSTmpStatusChange_Table_Extension

final

public

{
 public void insert()
 {
 EcoResProduct ecoResProduct;
 EcoResProductTranslation ecoResProductT;
 InventSum inventSum;
 select firstonly InventBatchId from inventSum
 where inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId
 && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;

 select firstonly Name from ecoResProductT
 where EcoResProductT.LanguageId == CompanyInfo::languageId()
 join EcoResProduct
 where EcoResProduct.RecId == EcoResProductT.Product
 && EcoResProduct.displayproductnumber == this.ItemId;

 this.newEcoResProductName = ecoResProductT.Name;

next insert();

next public void insert()

Insert();

this.newInventBatchId = InventSum.InventBatchId;

this.newInventBatchId = InventSum.InventSiteId;

InventSum.InventBatchId = this.newInventBatchId;

 }
}

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
[ExtensionOf(TableStr(WHSTmpStatusChange))]
[ExtensionOf(ClassStr(WHSTmpStatusChange))]

class newWHSTmpStatusChange_Table_Extension
{
    final
    public
{
    public void insert()
    {
        EcoResProduct ecoResProduct;
        EcoResProductTranslation ecoResProductT;
        InventSum inventSum;
        select firstonly InventBatchId from inventSum
        where inventSum.ItemId == this.ItemId && inventSum.LicensePlateId == this.LicensePlateId
        && inventSum.InventBatchId != "" && inventSum.PhysicalInvent > 0;

        select firstonly Name from ecoResProductT
        where EcoResProductT.LanguageId == CompanyInfo::languageId()
        join EcoResProduct
        where EcoResProduct.RecId == EcoResProductT.Product
        && EcoResProduct.displayproductnumber == this.ItemId;

        this.newEcoResProductName = ecoResProductT.Name;

        next insert();
        next public void insert()
        Insert();

        this.newInventBatchId = InventSum.InventBatchId;
        this.newInventBatchId = InventSum.InventSiteId;
        InventSum.InventBatchId = this.newInventBatchId;
    }
}
```

NEW QUESTION 7

- (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 8

- (Exam Topic 3)

You are Dynamics 36S Finance developer.

You need to explain the performance advantages of the different concurrency models.

What are three performance advantages of optimistic concurrency control over pessimistic concurrency control? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. One record cannot be selected for update by two different processes at the same time.
- B. Records are locked as soon as they are retrieved from the database.
- C. Records are locked for a shorter length of time.
- D. Fewer resources are used to lock records during updates.
- E. Records remain available for other processes while they are selected from the database.

Answer: BCD

NEW QUESTION 9

- (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

- 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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Environment types

- User Acceptance Testing (UAT) only
- Build only
- User Acceptance Testing (UAT) and Build

Answer Area

Tool	Environment type
Activity Monitoring	
SQL Insights	
System Diagnostics	

NEW QUESTION 10

- (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.

Integration types

- synchronous
- asynchronous

Answer Area

Requirement	Integration type
Request information about product availability from a web page to calculate the extended price.	
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:

Integration types

- synchronous
- asynchronous

Answer Area

Requirement	Integration type
Request information about product availability from a web page to calculate the extended price.	synchronous
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 10

- (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 11

- (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

dual-write

custom service

batch data integration

Answer Area

Application	Pattern
Dynamics 365 Customer Service app	
e-commerce website	
on-premises mainframe system	

NEW QUESTION 12

- (Exam Topic 3)

You are a Dynamics 365 Finance developer. You have a solution that records product weights. You must store up to four decimals of precision by using a standard Extended Data Type (EDT). You need to add the field in a new table.

Which EDT should you extend?

- A. Weight
B. MarkupValue
C. WeightBase
D. AmountMST

Answer: A

NEW QUESTION 17

- (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
<div>OData endpoint</div>	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.	<div></div>
<div>batch data API</div>	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.	<div></div>
<div>custom service</div>		
<div>Excel integration</div>	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.	<div></div>

NEW QUESTION 21

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