EDUSUM
#1 Online Certification Guide

MICROSOFT MB-500

**Microsoft Dynamics 365 Finance and Operations Apps Developer
Certification Questions & Answers**

Exam Summary – Syllabus –Questions

MB-500
Microsoft Certified - Dynamics 365 - Finance and Operations Apps Developer Associate
40-60 Questions Exam – 700/1000 Cut Score – Duration of 120 minutes

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Know Your MB-500 Certification Well:

The MB-500 is best suitable for candidates who want to gain knowledge in the Microsoft Dynamics 365. Before you start your MB-500 preparation you may struggle to get all the crucial Microsoft Dynamics 365 Finance and Operations Apps Developer materials like MB-500 syllabus, sample questions, study guide.

But don't worry the MB-500 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-
- What is in the MB-500 syllabus?
- How many questions are there in the MB-500 exam?
- Which Practice test would help me to pass the MB-500 exam at the first attempt?

Passing the MB-500 exam makes you Microsoft Certified - Dynamics 365 - Finance and Operations Apps Developer Associate. Having the Microsoft Dynamics 365 Finance and Operations Apps Developer certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

MB-500 Microsoft Dynamics 365 Finance and Operations Apps Developer Certification Details:

Exam Name	Microsoft Certified - Dynamics 365 - Finance and Operations Apps Developer Associate
Exam Code	MB-500
Exam Price	$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**MB-500T00-A: Microsoft Dynamics 365: Finance and Operations Apps Developer**
Schedule Exam	**Pearson VUE**
Sample Questions	**Microsoft Dynamics 365 Finance and Operations Apps Developer Sample Questions**
Practice Exam	**Microsoft MB-500 Certification Practice Exam**

MB-500 Syllabus:

Topic	Details
Plan architecture and solution design (10-15%)	
Identify the major components of Dynamics 365 Finance and Operations apps	- identify the Finance and Operations app modules required for a solution based on business requirements - identify architectural differences between the cloud and on-premises versions of Finance and Operations apps - identify components of the application - differentiate the purposes and interrelationships between packages, projects, models, and elements
Design and implement a user interface	- describe the Finance and Operations user interface layouts and components - design the workspaces - design and personalize user interface elements including grids, forms, and pages - configure filtering options
Implement Application Lifecycle Management (ALM) and Lifecycle Services (LCS)	- describe the capabilities of the Environment Monitoring Tool within Lifecycle Services (LCS) - select the purpose and appropriate uses of LCS tools and components - research and resolve issues by using Issue Search - identify activities that require asset libraries - prepare deployment packages and deploy packages
Apply Developer Tools (10-15%)	
Customize Finance and Operations apps by using Visual Studio	- create extension models - design and build projects - manage metadata using Application Explorer - synchronize data dictionary changes with the application database - create elements by using the Element Designer
Manage source code and artifacts by using version control	- create, check out, and check in code and artifacts - branch and merge code - compare code and resolve version conflicts
Implement Finance and Operations app framework functionality	- implement the SysOperation framework - implement the asynchronous framework - implement the workflow framework - implement the unit test framework - identify the need for and implement the Sandbox framework

Topic	Details
Design and develop AOT Elements (20-25%)	
Create forms	- add a new form to a project and apply a pattern (template) - configure a data source for the form - add a grid and grid fields, groups, and other controls to a form - create and populate menu items - test form functionality and data connections - add a form extension to a project for selected standard forms
Create and extend tables	- add tables to a project - add table fields and field properties to a table - add a table extension to a project for a table - add fields groups, relations, delete actions, and indices
Create Extended Data Types (EDT) and enumerations	- add an EDT to a project and populate EDT properties - add an enumeration to a project - add or update enumeration elements and enumeration element properties - add an extension of EDT and enumerations
Create classes and extend AOT elements	- add a new class to a project - create a new class extension and add new methods - add event handler methods to a class
Develop and test code (10-15%)	
Develop X++ code	- identify and implement base types and operators - implement common structured programming constructs of X++ - create, read, update, and delete (CRUD) data - identify and implement global functions in X++ - implement table and form methods
Develop object-oriented code	- implement X++ variable scoping - implement inheritance and abstraction concept - implement query objects and the QueryBuilder class - implement attribute classes - implement chain of command
Implement reporting (10-15%)	
Describe the capabilities and limitations of reporting tools in Dynamics 365	- create and modify report data sources and supporting classes - implement reporting security requirements - describe the report publishing process - describe the differences between using Entity store and Bring your own database (BYOD) as reporting data stores

Topic	Details
Finance and Operations apps	
Design, create, and revise Dynamics reports	- create and modify reports in Finance and Operations apps that use SQL Server Reporting Services (SSRS) - create and modify Finance and Operations apps reports by using Power BI - create and modify Finance and Operations apps reports FO by using Microsoft Excel
Design, create, and revise Dynamics workspaces	- design KPIs - create drill-through workspace elements - implement built-in charts, KPIs, aggregate measurement, aggregate dimension, and other reporting components
Integrate and manage data solutions (10-15%)	
Identify data integration scenarios	- select an appropriate data integration API - identify differences between synchronous vs. asynchronous patterns
Implement data integration concepts and solutions	- develop a data entity by using Visual Studio - develop, import, and export composite data entities - identify and manage unmapped fields in data entities - consume external web services by using OData and RESTful APIs - integrate Finance and Operations apps with Microsoft Excel by using OData - develop and integrate Power Automate and Power Apps
Implement data management	- import and export data using entities between Finance and Operations apps and other systems - monitor the status and availability of entities - enable Entity Change Tracking - set up a data project and recurring data jobs - design entity sequencing - generate field mapping between source and target data structures - develop data transformations
Implement security and optimize performance (10-15%)	
Implement role-based security policies and requirements	- create or modify duties, privileges, permissions, and roles - enforce permissions policies - implement record-level security by using Extensible Data Security (XDS)

Topic	Details
Apply fundamental performance optimization techniques	- identify and apply caching mechanisms for forms and tables - implement the global cache - create or modify temporary tables for optimization purposes - determine when to use set-based queries and row-based queries - modify queries to optimize performance - modify variable scope to optimize performance - analyze and optimize concurrency
Optimize user interface performance	- capture traces by using TraceParser and analyze traces - diagnose and optimize client performance by using Microsoft Edge F12 Developer tools, Fiddler, and other common tools - diagnose and optimize client performance by using Performance Timer

Microsoft MB-500 Sample Questions:

Question: 1

Reference Scenario: click here
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

Answer: c

Question: 2

Reference Scenario: click here
You need to configure filtering for the Vendor Past Due Invoices form. Which two filtering types can you use?
Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) QuickFilter
- b) Advanced Filter
- c) Grid Column Filtering
- d) Filter pane

Answer: a, c

Question: 3

Reference Scenario: click here

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) Cache lookup
b) Modified date time
c) Configuration key
d) Table group

Answer: c

Question: 4

Reference Scenario: click here
You need to investigate the Vendor exclusion list issue. What should you do?

a) Navigate to the General tab, select Record Info, and then select Show all fields.
b) Navigate to the Options tab, select Record Info, and then select Show all fields.
c) Navigate to the Options tab and select Database log.
d) Navigate to the Page options tab, select Record Info, and then select Show all fields.

Answer: c

Question: 5

Reference Scenario: click here
You add a field to the SalesTable entity by using an extension. You need to ensure that the new field is available for use in forms, reports, and code.
What are three possible ways to achieve this goal?
Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

a) Right-click the table and select Synchronize.
b) Navigate to the Dynamics 365 menu and select Synchronize database.
c) Right-click the solution and select Synchronize with database.
d) Set the project property for Synchronize database on build to true and build the solution.
e) Right-click the project and select Synchronize with database.

Answer: a, d, e

Question: 6

Reference Scenario: click here

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) In the search bar on the form extension element, enter the text c:.
b) In the search bar on the base form, enter the text e:.
c) Right-click the base form and select view references.
d) In the search bar on the form extension element, enter the text e:.
e) In the search bar on the base form, enter the text c:.

Answer: c, d

Question: 7

You are a Dynamics 365 Finance and Operations developer. You are testing a workflow in a user acceptance testing environment. You need to ensure that a specific user can accept purchase requisitions only if the requisition is in a specific status.

Which two options can you configure to achieve the goal?

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

a) manual decision
b) approval process
c) conditional decision
d) automated task
e) manual task

Answer: b, c

Question: 8

Reference Scenario: click here
Contoso, Ltd. uses Dynamics 365 Finance. You receive reports of performance issues with the app. You need to use Performance Timer to investigate the issues. Which URL should you use?
   a) https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=perftimer
   b) https://contoso.cloudax.dynamics.com/?cmp=USMF&debug=develop
   c) https://contoso.cloudax.dynamics.com/?cmp=USMF&mi=performancetimer
   d) https://contoso.cloudax.dynamics.com/?cmp=USMF=debug=developer

 Answer: d

Question: 9

You must create a batch job to identify modified CashDisc.MinimumInvoiceAmount values and apply these to open Purchase Lines. You need to update the CashDisc report to meet the requirements.
What should you do?

   a) Delete the existing CashDisc report in the extension model and create a new report.
   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) Customize the existing CashDisc report in the overlayering model and add the new field to the design.

Answer: b

Question: 10

Reference Scenario: click here
The warehouse manager at Contoso, Ltd. wants to display a tile in the user interface that will show total RAFs per hour. You need to create a key performance indicator (KPI) that meets these requirements. What two components should you create?
Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

   a) aggregate dimensions
   b) data entity
   c) aggregate measurements
   d) TempDB table

Answer: b, d

Study Guide to Crack Microsoft Dynamics 365 Finance and Operations Apps Developer MB-500 Exam:

- Getting details of the MB-500 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the MB-500 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for MB-500 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the MB-500 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on MB-500 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for MB-500 Certification

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