Microsoft

(PL-400)

Microsoft Power Platform Developer

Total: **390 Questions**

Link:

Question: 1

A company manages capital equipment for an electric utility company. The company has a SQL Server database that contains maintenance records for the equipment.
Technicians who service the equipment use the Dynamics 365 Field Service mobile app on tablet devices to view scheduled assignments. Technicians use a canvas app to display the maintenance history for each piece of equipment and update the history.
Managers use a Power BI dashboard that displays Dynamics 365 Field Service and real-time maintenance data. Due to increasing demand, managers must be able to work in the field as technicians.
You need to design a solution that allows the managers to work from one single screen.
What should you do?

A. Add the maintenance history app to the Field Service Mobile app.

B. Add the manager Power BI dashboard to the Field Service mobile app.

C. Create a new maintenance canvas app from within the Power BI management dashboard.

D. Add the maintenance history app to the Power BI dashboard.

Answer: D

Explanation:
Power BI enables data insights and better decision-making, while Power Apps enables everyone to build and use apps that connect to business data. Using the
Power Apps visual, you can pass context-aware data to a canvas app, which updates in real time as you make changes to your report. Now, your app users can derive business insights and take actions from right within their Power BI reports and dashboards.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/powerapps-custom-visual

Question: 2

HOTSPOT -
You work for a staffing company that helps employees fill temporary jobs. Available temporary jobs are categorized and listed on a secure area of the company's website.
The company wants to eliminate manual work that relates to job and candidate management. The company plans to invite employers with available jobs and job candidates to view jobs by sending personalized invitations. The company identifies the following requirements:
✑ Human resources team members from the staffing company must be able to access the jobs listing and post available positions.
✑ Employers seeking temporary employees must also be able to access the jobs listing and post available positions.
✑ Approved job candidates must be notified about new positions for which they are qualified.
✑ Approved job candidate must have an option to accept a job assignment directly from a notification.
You need to perform a gap analysis against the features and capabilities of the Power Platform.
Which features should you implement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Requirement	Feature
Create the job listings portal.	Custom self-service portal for employers and a custom page for job candidates Custom self-service portal for both employers and job candidates Portal for job candidates and a custom self-service portal for employers Portal from blank for job candidates and employers
Create an app that lists available positions.	Canvas app with push notifications Model-driven app with push notifications Portal app with push notifications
Create the app for employers who are seeking temporary employees.	Entity from defined on the job custom entity Webform with target set to the job custom entity Web page defined on the job custom entity Web step with target set to the job custom entity
Create invitation parameters for job candidates.	Configure a value for the Assigned to Account option only. Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.
Create invitation parameters for approved job candidates.	Configure a value for the Assigned to Account option only. Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.

Answer:

Answer Area

Requirement	Feature
Create the job listings portal.	Custom self-service portal for employers and a custom page for job candidates **Custom self-service portal for both employers and job candidates** Portal for job candidates and a custom self-service portal for employers Portal from blank for job candidates and employers
Create an app that lists available positions.	Canvas app with push notifications **Model-driven app with push notifications** Portal app with push notifications
Create the app for employers who are seeking temporary employees.	Entity from defined on the job custom entity **Webform with target set to the job custom entity** Web page defined on the job custom entity Web step with target set to the job custom entity
Create invitation parameters for job candidates.	Configure a value for the Assigned to Account option only. **Configure a value for the Execute Workflow on Redeeming Contact option only.** Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.
Create invitation parameters for approved job candidates.	**Configure a value for the Assigned to Account option only.** Configure a value for the Execute Workflow on Redeeming Contact option only. Configure values for Assigned to Account and Execute Workflow on Redeeming Contact. Leave both Assigned to Account and Execute Workflow on Redeeming Contact empty.

Explanation:

Box 1: Custom self-service portal for both employers and job candidates

If you select an environment that contains customer engagement, you can create the following portals: ➾ Customer self-service portal: A customer self-service portal enables customers to access self-service knowledge, support resources, view the progress of their cases, and provide feedback.

➾ Partner portal: A partner portal allows every organization with resellers, distributors, suppliers, or partners to have real-time access to every stage of shared activities.

➾ Employee self-service portal: An employee self-service portal creates an efficient and well-informed workforce by streamlining common tasks and empowering every employee with a definitive source of knowledge.

Box 2: Model-driven app with push notifications

Compared to canvas apps, model-driven apps in PowerApps are based on underlying data " specifically, the data stored in Common Data Service (CDS).

Box 3: Webform with target set to the job custom entity

Box 4: Configure a value for the Execute Workflow on Redeeming Contact option only.

Execute Workflow on Redeeming Contact: A workflow process to be executed when the invite is redeemed. The workflow will be passed the redeeming contact as the primary entity.
Box 5: Configure the value for the Assigned to Account option only.
Assign to Account: An account record to be associated as the redeeming contact's parent customer when the invite is redeemed.

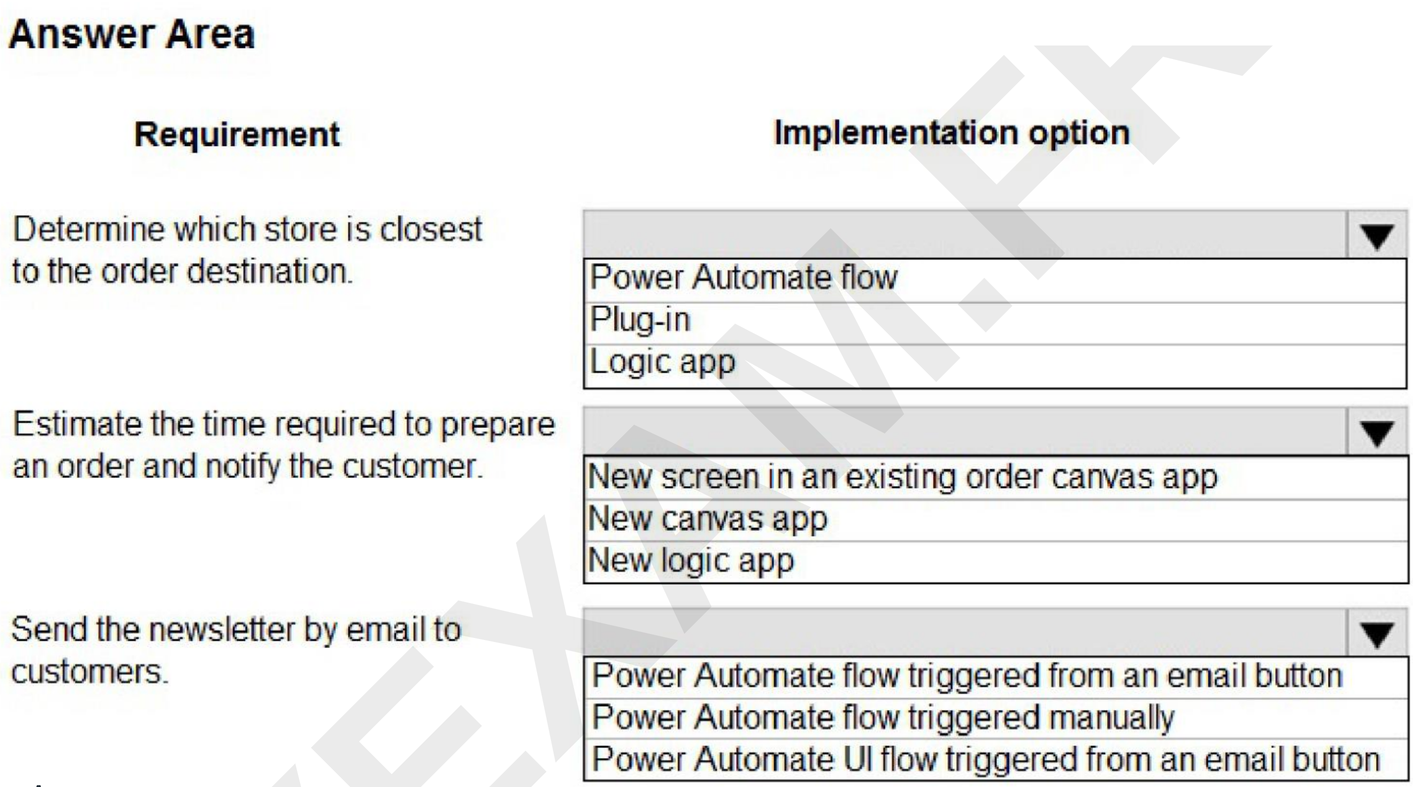
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/portal-templates https://global.hitachi-solutions.com/blog/canvas-vs-model-driven-apps https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/invite-contacts#invitation-attributes

Question: 3

HOTSPOT -
You create a suite of Power Platform-based order management canvas apps for a bakery that has five retail stores. Each store uses a tablet device to manage inventory and process orders.
You need to make the following changes to the original order tracking app:
When an online order for delivery is received, send the order to the bakery that is located closest to the order destination.

- When an online order for pickup is received, require store staff to enter an estimated time in an app. Staff must prepare the order and then use the app to notify the customer when the order is ready.
- Allow the store manager to personalize the company's corporate weekly newsletter and add store-specific specials.

You must minimize the amount of custom code and configuration required to implement the solution. What should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:



Answer:

Answer Area

Requirement	Implementation option
Determine which store is closest to the order destination.	Power Automate flow Plug-in Logic app
Estimate the time required to prepare an order and notify the customer.	New screen in an existing order canvas app New canvas app New logic app
Send the newsletter by email to customers.	Power Automate flow triggered from an email button Power Automate flow triggered manually Power Automate UI flow triggered from an email button

Explanation:

Box 1: Power Automate flow -

Do you want to get the user's location whose location is closest to the current device, then use key is to use Bing Map connector.

The Bing Map connector is available in the following products and regions:

Service	Class	Regions
Logic Apps	Standard	All Logic Apps regions except the following: - Azure China regions
Power Automate	Standard	All Power Automate regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet
Power Apps	Standard	All Power Apps regions except the following: - US Government (GCC High) - China Cloud operated by 21Vianet

Box 2: New screen in an existing canvas app

Box 3: Power Automate flow triggered manually

Reference:

https://docs.microsoft.com/sv-se/connectors/bingmaps/

Question: 4

A company has an application that provides API access. You plan to connect to the API from a canvas app by using a custom connector.
You need to request information from the API developers so that you can create the custom connector. Which two types of files can you use? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. YAML
B. WSDL
C. OpenAPI definition
D. Postman collection

Answer: CD

Explanation:
OpenAPI definitions or Postman collections can be used to describe a custom connector.

Reference:
https://docs.microsoft.com/en-us/connectors/custom-connectors/faq

Question: 5

You plan to create a canvas app to manage large sets of records. Users will filter and sort the data.
You must implement delegation in the canvas app to mitigate potential performance issues. You need to recommend data sources for the app.
Which two data sources should you recommend? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. SQL Server
B. Common Data Service
C. Azure Data Factory
D. Azure Table Storage

Answer: AB

Explanation:
When you are creating reports from large data sources (perhaps millions of records), you want to minimize network traffic.

Working with large data sets requires using data sources and formulas that can be delegated. It's the only way to keep your app performing well and ensure users can access all the information they need. Delegation is supported for certain tabular data sources only.

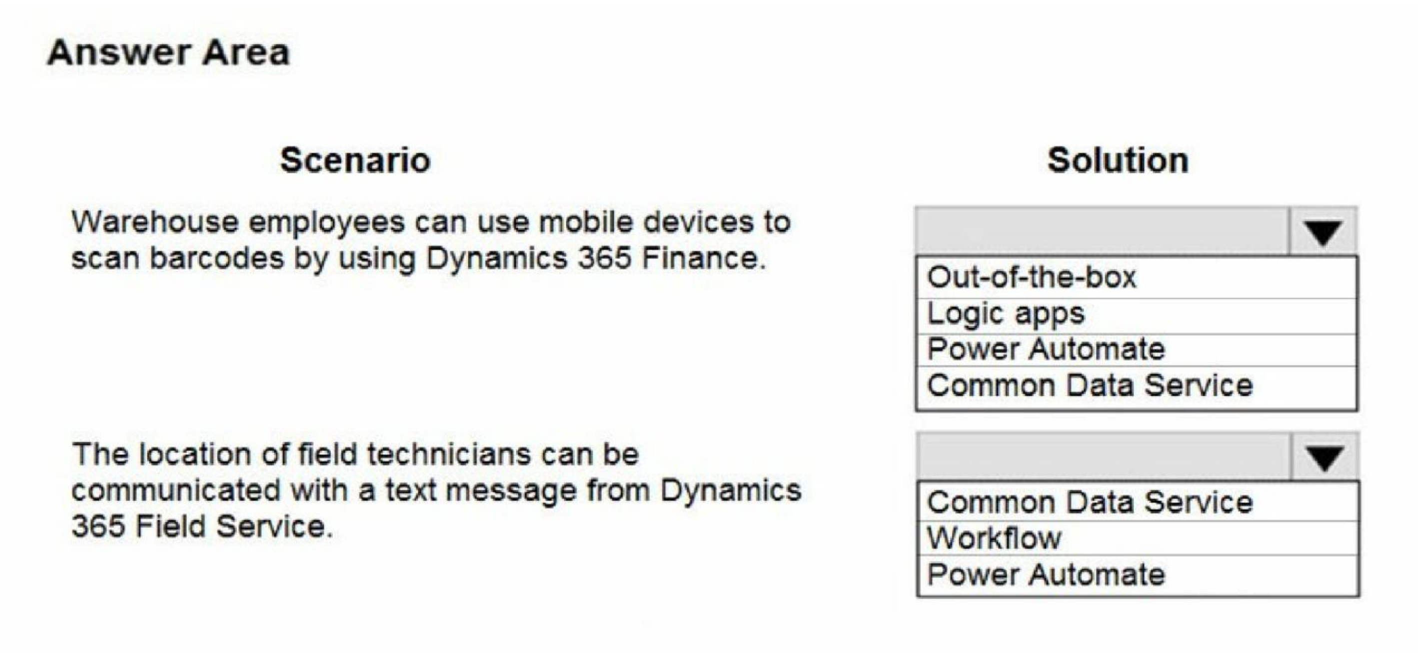
These tabular data sources are the most popular, and they support delegation:
Common Data Service
SharePoint
SQL Server

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/delegation-overview

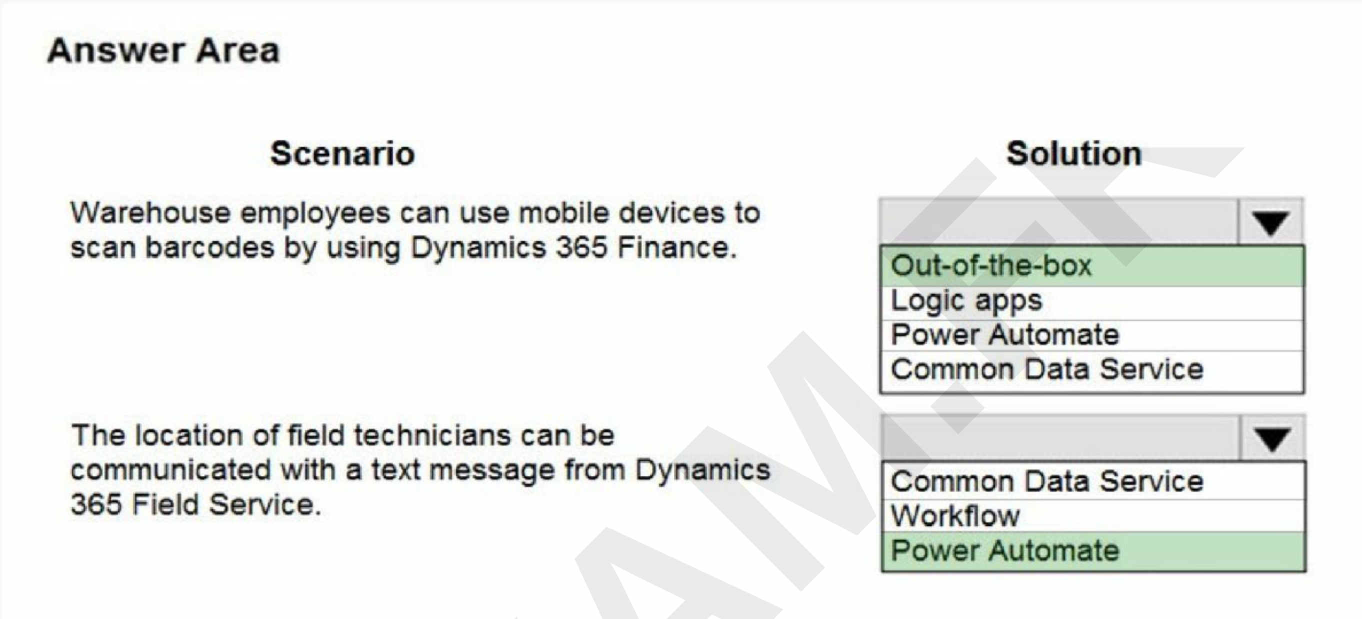
Question: 6

HOTSPOT -

A client is deploying Dynamics 365 Finance without any third-party add-ons.
You need to select the appropriate solutions for the client.
What should you select? To answer, select the appropriate options in the answer area. NOTE:
Each correct selection is worth one point.
Hot Area:



Answer:



Explanation:
Box 1: Out-of-the-box -
Technicians can use the Field Service (Dynamics 365) mobile app to scan barcodes.

Box 2: Power Automate -
Administrators can replace Dynamics 365 workflows with Power Automate flows for Field Service Mobile processes like geofencing, geofence alerts, and push notifications.
By using Power Automate for Field Service Mobile processes, you can:
Connect and run workflows within Dynamics 365 and between other outside applications.
Delete records and schedule jobs.
Perform robust approvals.

Reference:
https://docs.microsoft.com/en-us/dynamics365/field-service/mobile-power-app-system-barcode-scanning ht

tps://docs.microsoft.com/en-us/dynamics365/field-service/mobile-workflow-to-flow

Question: 7

DRAG DROP -

A company uses Microsoft 365. You are developing a model-driven app.

The app must meet the following requirements:

- Use SharePoint Online for document storage.
- Send emails by using Exchange Online.

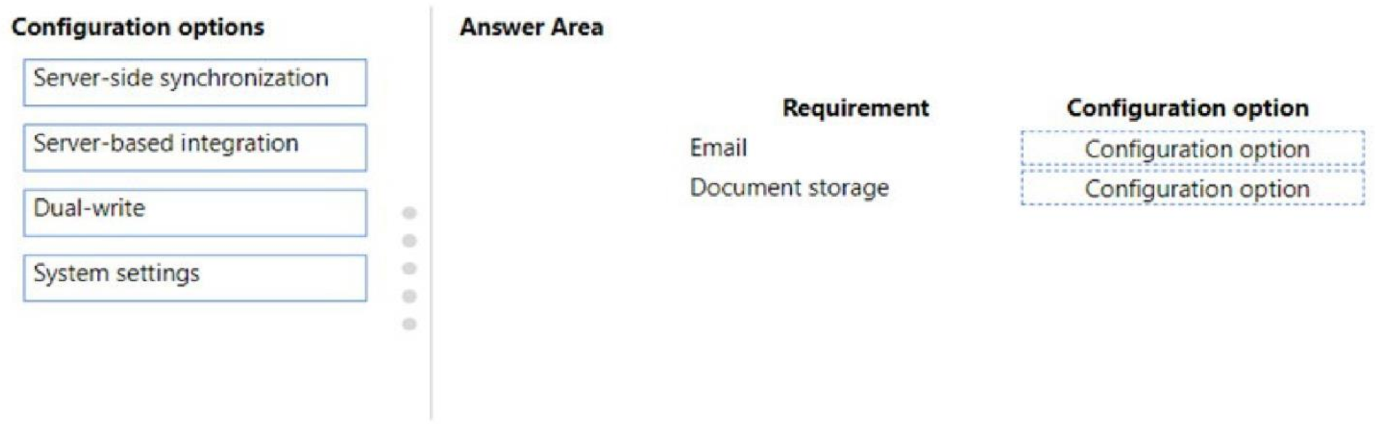
You need to configure integrations.

What should you configure? To answer, drag the appropriate configuration options to the correct requirements.

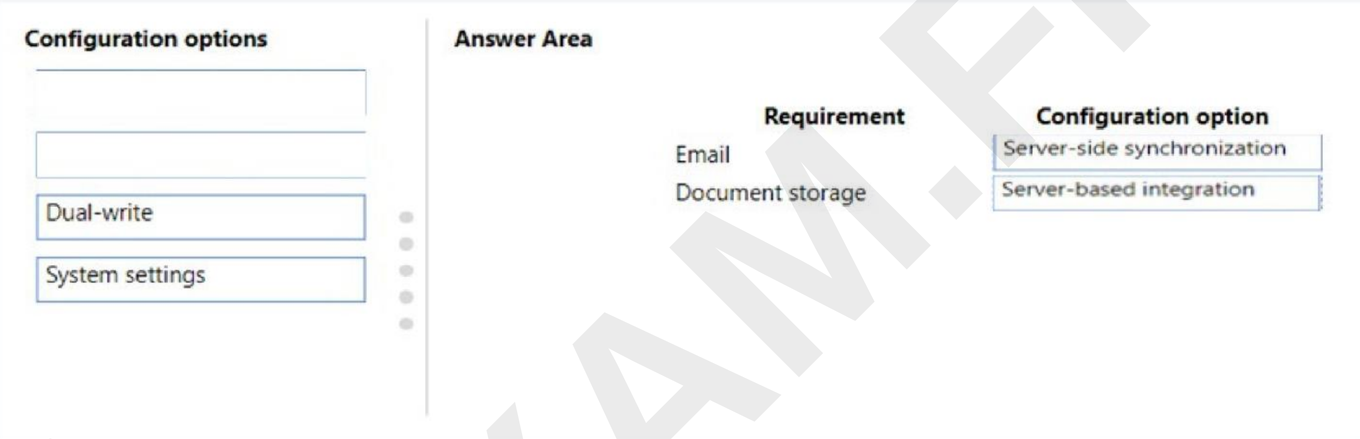
Each configuration option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Answer:



Explanation:

Box 1: Server-side syncrhonization

Configure default email processing and synchronization: set server-side synchronization to be the default configuration method for newly created users.

Box 2: Server-side integration.

If your organization is already using document management with Microsoft Dynamics CRM List Component, you must switch to server-based SharePoint integration.

If your organization has not deployed document management, when a System Administrator logs in an alert message will be displayed to enable server-based

SharePoint integration.

Question: 8

A company plans to create an order processing app. When orders are created, the app will perform complex business logic and integrate with several external systems.
Orders that have a large number of line items may take up to six minutes to complete. Processing for each order must be completed in one operation to avoid leaving records in an incomplete state.
You need to recommend a solution for the company.
What should you recommend?

A. an asynchronous workflow that uses a custom workflow activity
B. a real-time workflow that uses a custom action
C. a webhook that connects to an Azure Function
D. an asynchronous plug-in

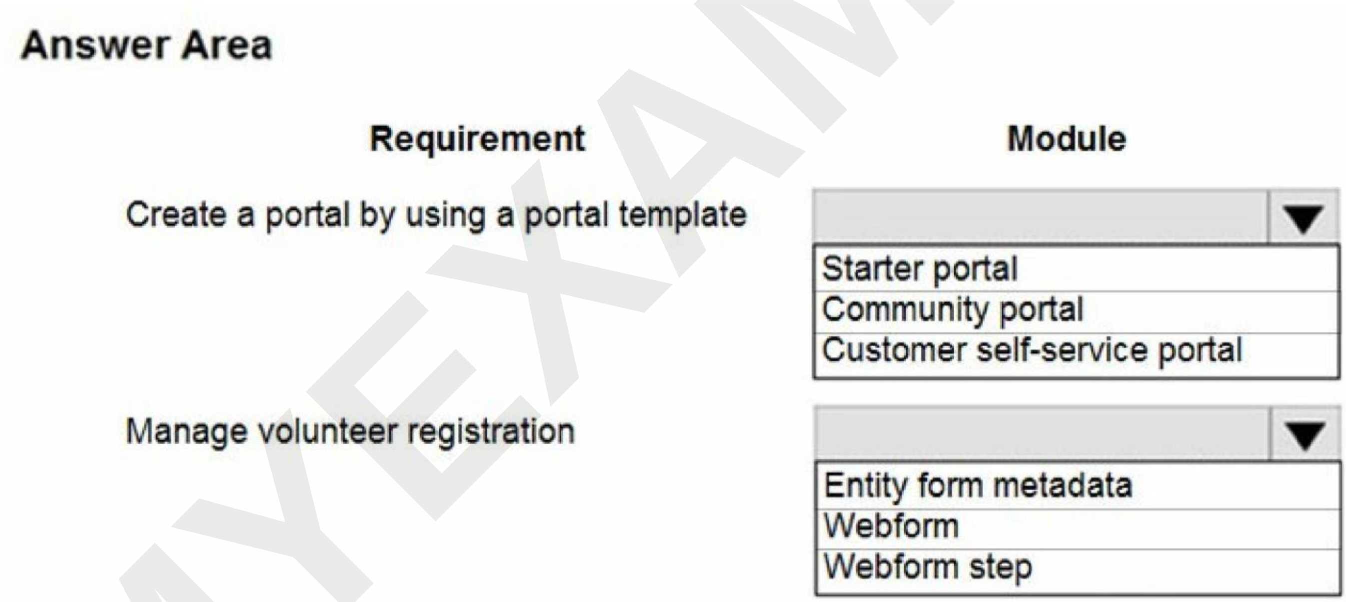
Answer: B

Explanation:
Real-time Workflows roll back all changes if it fails. As the Workflow is going through the process itself, if it fails, it will roll back all of the prior steps taken.
Incorrect Answers:
A: With Background Workflows, actions will not roll back if it fails. All changes are up-to-date until the failure occurs. The workflow will stop at this point due to the failure.

Reference:
https://ledgeviewpartners.com/blog/what-are-the-differences-between-real-time-and-background-workflows-in-microsoft-dynamics-365-crm/

Question: 9

HOTSPOT -
You work for a not-for-profit agency that manages business processes by using Power Platform custom entities. Volunteer registration and onboarding are manual processes that include multiple related entities.
You need to implement a portal solution that replaces the manual processes.
Which modules should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:



Answer:

Answer Area

Requirement	Module
Create a portal by using a portal template	Starter portal Community portal **Customer self-service portal**
Manage volunteer registration	**Entity form metadata** Webform Webform step

Explanation:
Box 1: Customer self-service portal
Customer self-service portal: A customer self-service portal enables customers to access self-service knowledge, support resources, view the progress of their cases, and provide feedback.

Incorrect Answers:

☞ Community portal: A community portal leverages peer-to-peer interactions between customers and experts to organically grow the catalog of available knowledge from knowledge base articles, forums, and blogs as well as providing feedback through comments and ratings.

☞ Starter portal: If you select an environment that contains Microsoft Dataverse, you can create a Dataverse starter portal. The Dataverse starter portal comes with the sample data for you to quickly get started. It also has the following built-in sample pages:

Default studio template -

Page with title -

Page with child links -

Box 2: Entity form metadata -
The Advanced Form Metadata contains additional behavior modification logic to augment or override the functionality of form fields that is otherwise not possible with native basic form editing capabilities.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/portal-templates https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/configure-web-form-metadata

Question: 10

You are implementing custom business logic in a Power Apps portal.
You need to use Liquid templates to display dynamic content.
To which three entities can you include Liquid code? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Content snippet
B. Web page
C. Web template

D. Page template
E. Portal settings

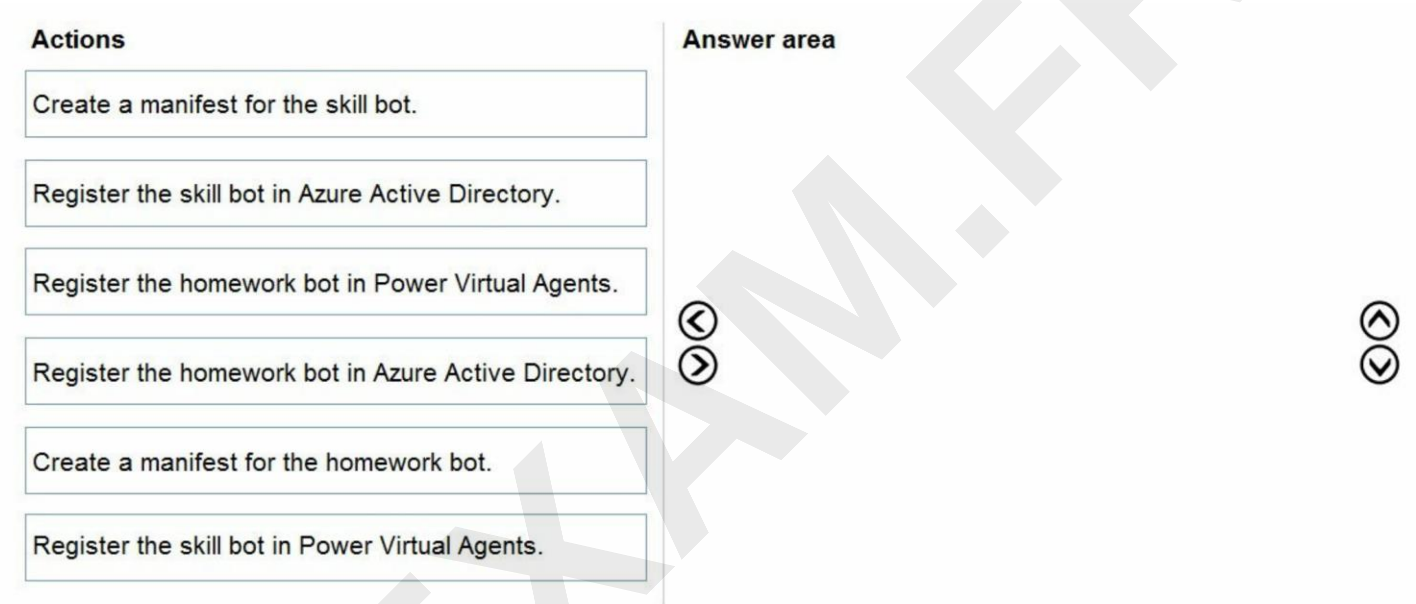
Answer: BCD

Explanation:
Liquid is an open-source template language integrated into portals. It can be used to add dynamic content to pages, and to create a wide variety of custom templates. Using Liquid, you can:
➾ Add dynamic content directly to the Copy field of a webpage or the content of a content snippet.
➾ Store source content by using web templates, entirely through configuration within Power Apps, for use throughout the Power Apps portals content management system.
➾ Render a website header and primary navigation bar, entirely through configuration within Power Apps.
Note: page is one of the available liquid objects.

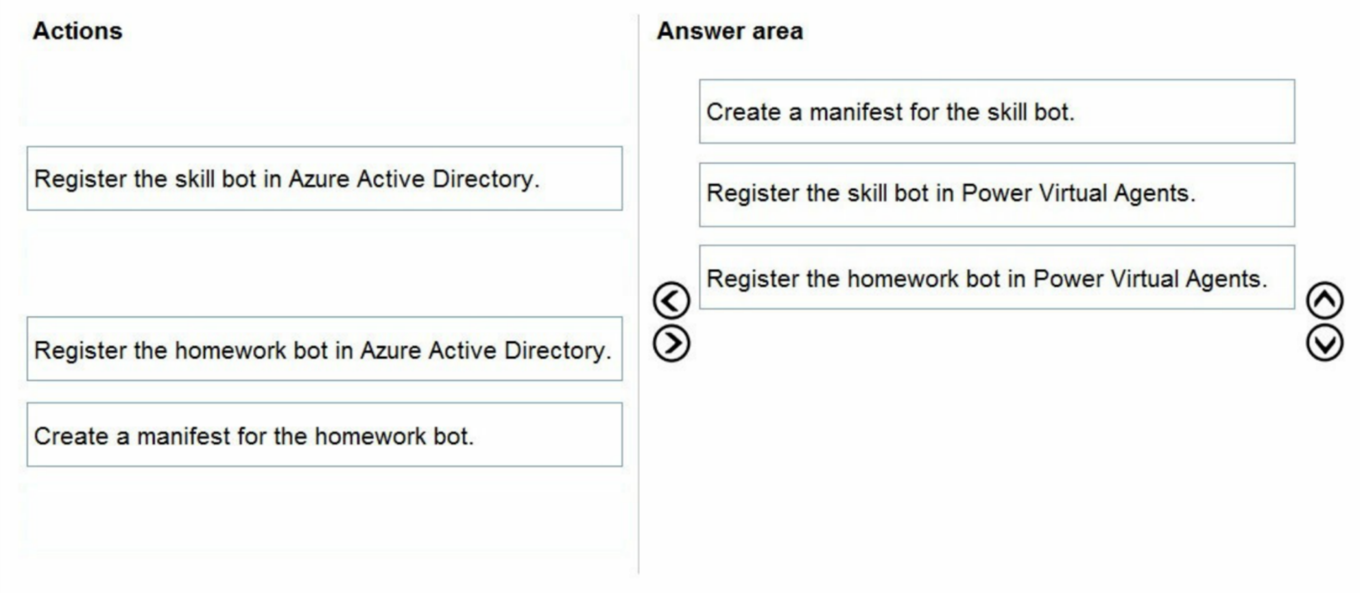
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-overview https://docs.microsoft.com/en-us/powerapps/maker/portals/liquid/liquid-objects#page

Question: 11

DRAG DROP -
Teachers in a school district use Azure skill bots to teach specific classes. Students sign into an online portal to submit completed homework to their teacher for review. Students use a Power Virtual Agents chatbot to request help from teachers.
You need to incorporate the skill bot for each class into the homework bot.
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.
Select and Place:



Answer:



Explanation:
Step 1: Create a manifest for the skill bot
You can use skills to extend another bot. A skill is a bot that can perform a set of tasks for another bot. A skill's interface is described by a manifest.

Step 2: Register the skill bot in Power Virtual Agents
Power Virtual Agents enables you to extend your bot using Microsoft Bot Framework skills.

First, create a Power Virtual Agents bot and create and deploy the skill using pro-code tools into your organization.

Next, register a skill in Power Virtual Agents.

Step 3: Register the homework bot in Power Virtual Agents
You can use your Power Virtual Agents bot as a skill with Bot Framework bots.

The Bot Framework and Power Virtual Agents bots must be deployed in the same tenant.

Reference:
https://docs.microsoft.com/en-us/azure/bot-service/skill-implement-skill https://docs.microsoft.com/en-us/azure/bot-service/skills-write-manifest

Question: 12

A company is migrating from an on-premises Dynamics 365 installation to a Power Platform solution. You are creating plug-ins for the new solution.
You need to register the plug-ins.
Which isolation mode should you use?

A. None

B. Global Assembly Cache (GAC)

C. Sandbox

D. Disk

Answer: C

Explanation:
You will find options related to the isolation mode and location for the assembly. These refer to options that apply to on-premise deployments. Dataverse is not available for on-premises deployments, so you will always accept the default options of SandBox and Database for these options.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/data-platform/register-plug-in

Question: 13

An organization uses a public-facing Power Apps portal.
You need to change the layout of a specific web page.
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. Select the Portal Management app and then select Edit.
B. Select the Portal Management app and then select Play.
C. Select the portal app and then select Manage.
D. Select the portal app and then select Edit.

Answer: AD

Explanation:
A: The Portal Management app lets you do advanced configuration actions on your portal. 1. Open the Portal Management app.
2. Go to Portals > Web Pages.
3. To edit an existing web page, select the web page name.
4. Enter appropriate values in the fields.
5. Select Save & Close.
D: To use the WYSIWYG editor:
1. Edit the portal to open it in Power Apps portals Studio.
2. Select the page on which you want to add the component.
3. Select an editable element on the canvas.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/portals/configure/web-page https://docs.microsoft.com/ en-us/powerapps/maker/portals/compose-page

Question: 14

You are building a custom application in Azure to process resumes for the HR department.
The app will monitor submissions of resumes and parse the resumes.
You need to parse the resumes and save contact and skills information into the Common Data Service. Which mechanism should you use?

A. Power Automate
B. Common Data Service plug-in
C. Web API
D. Custom workflow activity

Answer: A

Explanation:
Improve operational efficiency with a unified view of business data by creating flows that use Dataverse (Common Data Service has been renamed to Microsoft Dataverse as of November 2020).
For example, you can use Dataverse within Power Automate in these key ways:
Create a flow to import data, export data, or take action (such as sending a notification) when data changes.

Instead of creating an approval loop through email, create a flow that stores approval state in an entity, and then build a custom app in which users can approve or reject items.

Reference:
https://docs.microsoft.com/en-us/power-automate/common-data-model-intro

Question: 15

DRAG DROP -
You are researching integrations with several external systems.
Each integration has different requirements.
You need to determine which data sources to use to meet each requirement.
What should you use? To answer, drag the appropriate data sources to the correct requirements. Each data source may be used once, more than one, 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.
Select and Place:

Answer:

Explanation:
Box 1: Virtual entity -
Initially, defining a virtual entity is the same as defining a custom entity: you specify the entity, attributes, and relationships for the new virtual entity type.
You can use GUIDs as primary keys in the external data source.

Box 2: Virtual entity -
Virtual entities enable the integration of data residing in external systems by seamlessly representing that data as entities in Microsoft Dataverse (Common Data
Service), without replication of data and often without custom coding. Virtual entities support create, updates and delete of data in the external system.

Box 3: Custom connector -
A custom connector is a wrapper around a REST API (Logic Apps also supports SOAP APIs) that allows Logic Apps, Power Automate, or Power Apps to communicate with that REST or SOAP API.

Reference:

https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/virtual-entities/get-started-ve

Question: 16

A Power Platform solution includes the following Web API call:
GET http://contoso.crm.dynamics.com/api/data/v9.1/RelationshipDefinitions?$select=SchemaName You need to explain what this line of code is doing.
What does the code do?

A. Retrieve the list of relationships between tables.
B. Retrieve a list of tables that are related to each other.
C. Retrieve a list of one-to-many relationships with other tables.
D. Retrieve a list of tables that have more than one relationship.
E. Retrieve a list of many-to-many relationships with other tables.

Answer: A

Explanation:
Querying relationship metadata -
Entity relationships can be queried using the RelationshipDefinitions entity set. You can use a query like the following to get the SchemaName property for every relationship.

GET [Organization URI]/api/data/v9.0/RelationshipDefinitions?$select=SchemaName
The properties available when querying this entity set are limited to those in the RelationshipMetadataBase EntityType.

Note: You can retrieve relationship metadata in the context of a given entity much in the same way that you can query attributes. The ManyToManyRelationships,
ManyToOneRelationships, and OneToManyRelationships collection-valued navigation properties can be queried just like the Attributes collection-valued navigation property.
However, entity relationships can also be queried using the RelationshipDefinitions entity set.

Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/query-metadata-web-api https://docs.microsoft.com/en-us/power-apps/developer/data-platform/webapi/reference/relationshipmetadatabase?view=dataverse-latest

Question: 17

HOTSPOT
-

You create a Power Automate flow that retrieves data from the Microsoft Dataverse Account table.

The flow uses only a subset of Account table data.

You need to retrieve the required data.

How should you configure the Dataverse List Rows action? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Data point	Method
Full name of the primary contact	Expand Query = primarycontactid($select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?$select=fullname
Account with the highest credit limit	Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account($top=1;$select=creditlimit)

Answer:

Answer Area

Data point	Method
Full name of the primary contact	Expand Query = primarycontactid($select=fullname) Select columns = fullname Select columns = primarycontactid, fullname Expand Query = /primarycontactid?$select=fullname
Account with the highest credit limit	Row count = 1 and Sort By = creditlimit desc Row count = 1 and Sort By = creditlimit asc Expand Query = expand=account($top=1;$select=creditlimit)

Question: 18

You are creating a canvas app to retrieve user sign in information from Microsoft Azure Active Directory (Azure AD) when someone searches for information about an end user.

You create an Azure Function to retrieve the required information by using JSON.

You need to ensure that the application functions correctly.

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 Power Automate flow to import data.
B. Create a custom connector by using the Azure Function API.
C. Use app designer in the Power Platform admin center.
D. Use Azure Service Bus.
E. Create an API definition for the Azure Function.

Answer: BE

Explanation:

A. Create a Power Automate flow to import data is not necessary for the application to function correctly, as the application is already retrieving the user sign-in information from Azure AD by using JSON through an Azure Function.

C. Using app designer in the Power Platform admin center would not be necessary for this task as it is not used to retrieve user sign-in information from Azure AD.

D. Use Azure Service Bus is not necessary for this task as it is not used to retrieve user sign-in information from Azure AD.

To ensure that the application functions correctly, you should create a custom connector by using the Azure Function API. This will allow you to connect your canvas app to the Azure Function to retrieve the user sign-in information. Additionally, you need to create an API definition for the Azure Function, this will allow you to define the specific parameters and methods that your app will use to communicate with the Azure Function.

Question: 19

DRAG DROP
-

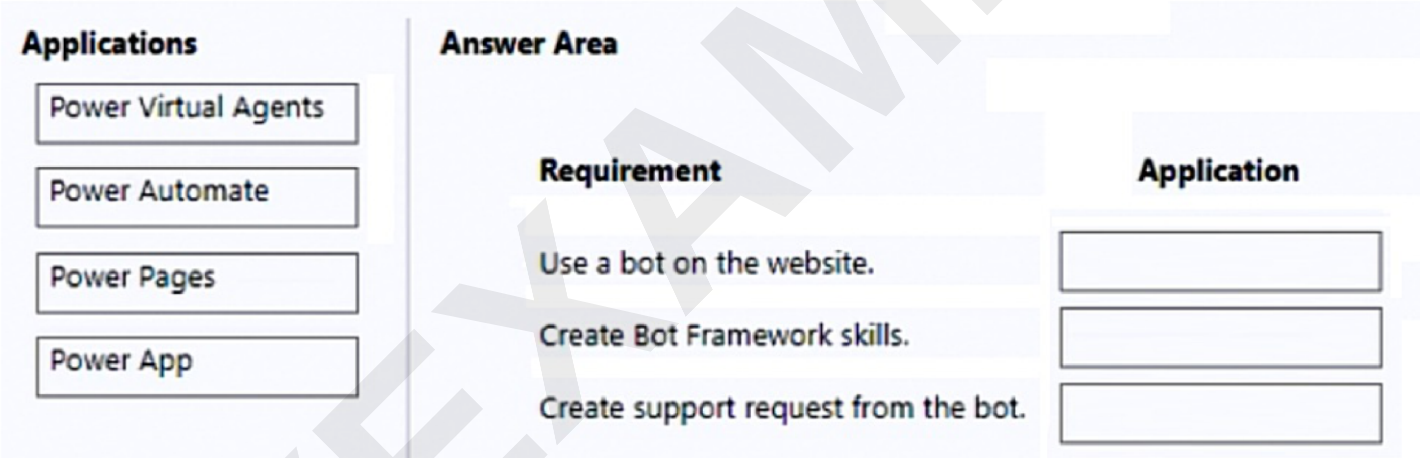
A company is configuring Microsoft Power Virtual Agents and Power Automate flows that use model-driven apps.

The company has a website that uses Power Pages. You create Power Virtual Agents bot topics.

You must configure the following:

• Use a bot on the website.
• Create Bot Framework skills.
• Create a support request from the bot without human interaction.

You need to configure the website.



Answer:

Applications

- Power Virtual Agents
- Power Automate
- Power Pages
- Power App

Answer Area

Requirement	Application
Use a bot on the website.	Power Pages
Create Bot Framework skills.	Power Virtual Agents
Create support request from the bot.	Power Automate

Explanation:

1)Power Pages 2) Power Virtual Agents 3) Power Automate

Use a bot on the website:

Embed the Power Virtual Agents bot into your website using Power Pages. You can do this by going to the Power Virtual Agents portal, selecting Channels, and then configuring the Custom Website channel.

Create Bot Framework skills:

Utilize the Bot Framework Composer to create skills that your bot can use. After developing the skills, register them with the Bot Framework and link them to your Power Virtual Agents bot via the Bot Framework Skills channel in Power Virtual Agents.

Create a support request from the bot without human interaction:

Design a topic in Power Virtual Agents that can handle support requests. Within this topic, add a Power Automate flow that creates the support request in your system. This flow will be triggered by the bot when the user interacts with the topic.

Question: 20

You are configuring a custom connector for a web service. The web service is hosted in two different regions. The web service URL includes a common domain name and a unique sub-domain for each region.

The custom connector must allow the region to be entered for additional regions when creating the connection.

You need to create a policy template.

Which template type should you use?

A. Set HTTP header
B. Route request
C. Set host URL
D. Set query string parameter

Answer: C

Explanation:

Set host URL. The custom connector needs to allow the region to be entered, and the URL includes a unique sub-domain for each region, so the host URL needs to be set dynamically based on the region entered by the user. The template type "Set host URL" allows you to set the hostname of the request URL dynamically.

Question: 21

You are a Power Apps maker creating a chat bot for a website.

The chat bot must recognize geographic attributes to enable additional functionality. You need to recommend a feature.

What should you recommend?

A. Fallback topic
B. Power Automate Flow
C. Bot Service compliance
D. Slot filling

Answer: D

Explanation:

Slot filling is a correct answer.

Question: 22

You develop and deploy a Power Apps solution.

The following changes must be made to the solution:

• Delete a column of data.
• Modify several views.
• Add several charts to dashboards.

You need to re-deploy the app.

What should you do?

A. Update the solution.
B. Upgrade the solution.
C. Create a new solution.
D. Patch the solution.

Answer: B

Explanation:

Upgrade the solution is a correct answer.

Question: 23

You develop a model-driven app. You add the following users as members to the Sales Microsoft Azure Active Directory (Azure AD) security group: User1, User2, and User3.

The Sales Azure AD security group is linked to a pre-existing Microsoft Dataverse Azure AD security group team that is associated with the Sales security role. You assign each of the appropriate licenses to each user.

User1 is not listed in the Team Members subgrid for the app. User2 and User3 are listed in the subgrid. You need to ensure that User1 can use the model-driven app.

What should you do?

A. Change the membership of the Sales Azure AD Security group to Dynamic User. B. Change the membership type for User1 to Owner in the Azure AD security group. C. Create an Owner team for the members of the Sales Azure AD group.

D. Ask User1 to sign into the model-driven app.

Answer: D

Explanation:

Ask User1 to sign into the model-driven app is a correct answer.

Question: 24

DRAG DROP

-

You are modifying a model-driven app for a bicycle company.

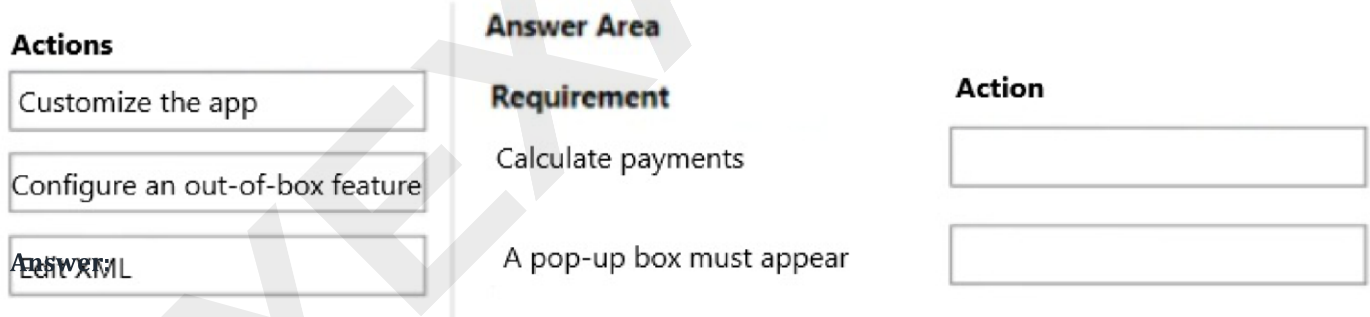
The app modifications must meet the following requirements:

• The order form must include a column that calculates payments based on how many years the customer wants to finance a bicycle.

• A pop-up box must remind the employee to validate the information entered before saving.

You must use out-of-the-box features before customizing the application.

What should you do?



Answer:

Answer Area

Requirement	Action
Calculate payments	Configure an out-of-box feature
A pop-up box must appear	Edit XML

Explanation:

configure an out-of -box feature

Edit XML

Question: 25

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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Background -

Contoso Pharmaceuticals manufactures and sells drugs to retail and wholesale pharmacies, hospitals, and research facilities.

The company plans to implement Dynamics 365 Sales and Dynamics 365 Finance.

Current environment -

•Contoso maintains a Microsoft Excel workbook that lists all drugs they supply.
•Pharmacies submit order requests through email.
•All information at customer locations is handwritten by customer representatives.
•Contoso uses Cerner, which is a medical industry application that uses a proprietary database.•Some accounts are referrals from other pharmacies.
•Every pharmacy has its own Dynamics 365 Sales instance.

Requirements -

General -

You must create a model-driven app to meet Contoso's needs. You must minimize the use of custom code and custom connectors.

Accounts -

•Ensure that the names of the pharmacies are synced between the accounting and the customer management systems.
•Account numbers should be entered automatically into the pharmaceutical system that is in a Cerner database and kept in sync.
•When the account is entered into the system, extra fields must appear if the referral customer box is selected. If the box is not selected, the extra fields must not appear.
•A trigger must be created that changes the Priority field to 1 in the Account record 10 days after an Account record is created.
•A field named Priority_Trigger must be created to trigger the Priority field.
•A field named Facility type field must be added in order to select whether a customer is a retail pharmacy, wholesale pharmacy, research facility, or hospital.

Users -

•UserA must be able to create and publish Power Apps apps.
•UserB must be the owner of all the systems and be able to provide permissions and create all new environments.
•UserC must be able to create apps connected to the systems and update the security roles and entities.•Pharmacy representatives must only be able to run the apps and access their own records.
•Access to the accounting Power Apps app must be restricted to accounting team members.
•End users must have minimum access to the required systems.
•Only supervisors must be able to view phone numbers in the Accounts form.
•Developers must be able to create new apps for all users.
•Sales users must only have access to their own records.

Reporting -

Pharmacy orders must be displayed in four graphs as follows:

•Annual revenue over $100,000
•Annual revenues under $100,000
•Research facilities
•Hospitals

The graphs must be interactive, and users must be able to drill down on any dimension.

Customizations -

•Ensure that notifications are sent to the sales team when a lead is added by using Slack.
•Ensure that leads have a review stage added to the sales process.
•Doctors must be manually added to a custom entity named Doctor if the doctor is not listed.
•Refill dates for customer prescriptions should be automatically determined and a notification should be sent to the customer.
•Fields for the doctor's name and phone number must be displayed in the customer record.
•The doctor entered on the customer's record must be validated against doctors that exist in the system.•The new solution will be sold to other pharmacies for use. The application must not allow changes to be made.
•The solution must be error free so that when it is installed in other environments it does not cause issues.

Mobile app -

•A custom mobile app must be created to allow salespeople to add or search by pharmacy name.
•Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
•When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A.Navigate to Customize the System and export everything to a managed solution.
B.Create packages for Package Deployer.
C.Create customizations with metadata in Organization Services.
D.Write a Web API to move customizations.

Answer: B

Explanation:

Correct answer is B:Create packages for Package Deployer.

Question: 26

Case study -

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•When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A.Recreate customizations in a new environment.
B.Create packages for Package Deployer.
C.Create customizations with metadata in Organization Services.
D.Clone the solution.

Answer: B

Explanation:

Create packages for Package Deployer.

Question: 27

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•Pharmacy records must be uniquely identified by pharmacy name, address, contact name, and phone number.
•When a pharmacy is added by using the mobile app, the phone number must be validated to be all digits.

You need to create an application to deploy to other pharmacies.

What should you do?

A.Clone the solution.
B.Create packages for Package Deployer.
C.Recreate customizations in a new environment.
D.Navigate to Customize the System and export everything to a managed solution.

Answer: B

Explanation:

Create packages for Package Deployer.

Question: 28

A company develops a new Microsoft Dataverse plug-in that manages the Update message of an entity.

The plug-in logic requires access to the record columns before the operation starts and must compare the columns to post-update values.

You need to modify the design of the solution to access the information.

What should you do?

A.Add the code to the plug-in to read the record from the InputParameters collection.
B.Register a pre-image by using the Plug-in Registration Tool. Add the code to the plug-in to read the image from the PreEntityImages collection.
C.Register a post-image by using the Plug-in Registration Tool. Add the code to the plug-in to read the image from the PostEntityImages collection.
D.Add the code to the plug-in to query the data from Dataverse by using the API call based on the record ID.

Answer: B

Explanation:

Register a pre-image by using the Plug-in Registration Tool. Add the code to the plug-in to read the image from the Pre Entity Images collection.

Reference:

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/register-plug-in#define-entity-images

Question: 29

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once 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.

A company designs data integration with an external system by using virtual tables. You need to implement the virtual tables.

Solution: Implement an OData v4 provider as the data source. Does the solution meet the goal?

A.Yes
B.No

Answer: B

Explanation:

Well, it says "external system", therefore I suppose it should be No

Question: 30

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once 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.

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Assign record ownership to individual users.

Does the solution meet the goal?

A.Yes
B.No

Answer: B

Explanation:

Correct answer is B: NO.

Question: 31

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once 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.

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Use a table that has a GUID as its primary key.

Does the solution meet the goal?

A.Yes
B.No

Answer: A

Explanation:

yes, virtual tables need guides

If all the entities in external data source have an associated GUID primary key then we can implement the virtual entities for sure.

Reference:

https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/virtual-entities/get-started-ve?view=op-9-1

Question: 32

DRAG DROP

-

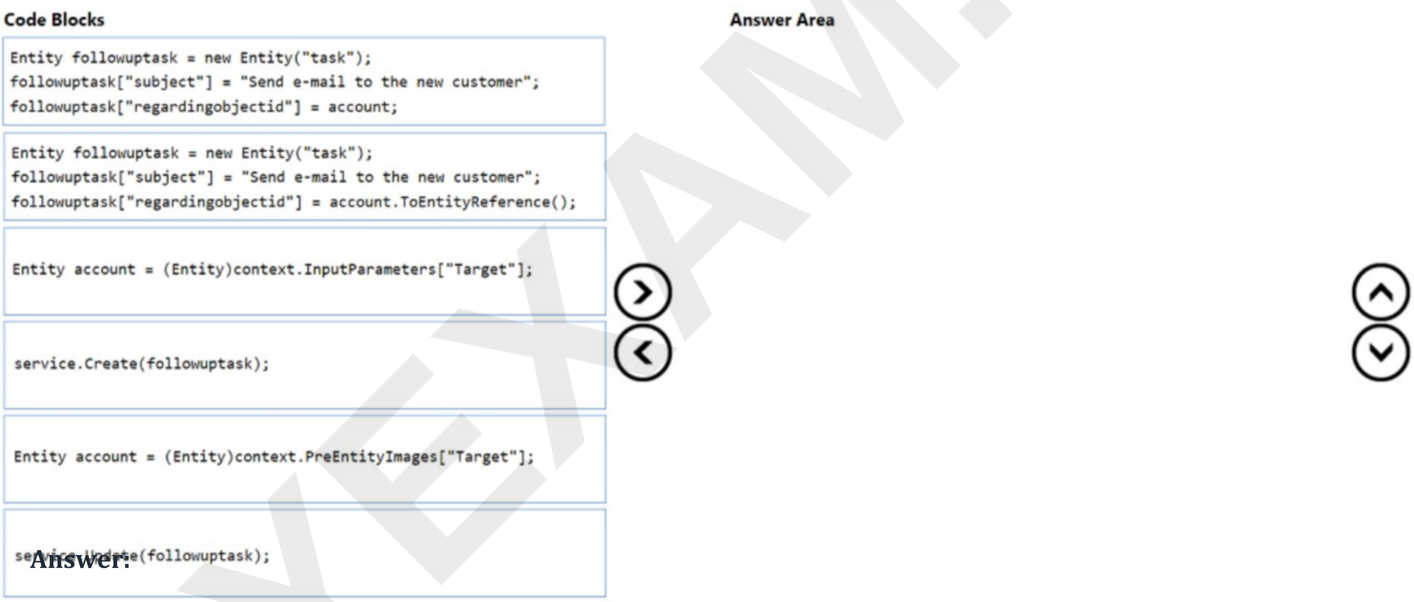
A company is developing a Microsoft Dataverse plug-in.

The plug-in must create a follow-up task for a new account.

You add the code that receives context(IPluginExecutionContext) and service(IOrganizationService).

You need to create the remaining code to insert the follow-up task.

Which three code blocks should you use in sequence? To answer, move the appropriate code sequences from the list of sequences to the answer area and arrange in the correct order.



Answer:

Code Blocks

```
Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account;
```

```
Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account.ToEntityReference();
```

```
Entity account = (Entity)context.InputParameters["Target"];
```

```
service.Create(followuptask);
```

```
Entity account = (Entity)context.PreEntityImages["Target"];
```

```
service.Update(followuptask);
```

Answer Area

```
Entity account = (Entity)context.InputParameters["Target"];
```

```
Entity followuptask = new Entity("task");
followuptask["subject"] = "Send e-mail to the new customer";
followuptask["regardingobjectid"] = account.ToEntityReference();
```

```
service.Create(followuptask);
```

Question: 33

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once 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.

A company designs data integration with an external system by using virtual tables.

You need to implement the virtual tables.

Solution: Create a calculated column on the virtual table.

Does the solution meet the goal?

A.Yes
B.No

Answer: B

Explanation:

An attribute on a virtual entity cannot be calculated or rollup. Any desired calculations must be done on the external side, possibly within or directed by the data provider.

Reference:
https://learn.microsoft.com/en-us/dynamics365/customerengagement/on-premises/developer/virtual-entities/get-started-ve?view=op-9-1

Question: 34

A company designs a Microsoft Dataverse Custom API to encapsulate business logic in it.

The Custom API business logic must be encapsulated in a way that does not allow the business logic behavior to be modified or canceled.

You need to set the parameter value of the custom API so it cannot be customized. Which parameter value should you set?

A.Execute Privilege Name to prv_SdkMessageProcessingStep
B.Enabled for Workflow to No
C.Binding Type to Entity
D.Custom Processing Step to None

Answer: D

Explanation:

When the plug-in set for this custom API using CustomAPI.PluginTypeId is the only logic that occurs when this operation executes.

You won't allow another developer to register any more steps that can trigger other logic, modify the behavior of this operation, or cancel the operation.

Use this option when the custom API provides some capability that shouldn't be customizable.

Reference:

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/custom-api

Question: 35

A company has a model-driven app form. Many users use the form.

Users state that the form takes too long to fully load.

You need to evaluate the form design to improve loading performance.

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

A.timeline
B.quick view form
C.iFrame
D.lookup

Answer: BCD

Explanation:

B. quick view form.

C .iFrame.

D. lookup.

Question: 36

DRAG DROP

-

Case study

-

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Background

-

City Power & Light is an energy and utilities company that has offices in Europe. The company subsidizes home improvements for domestic customers, to improve energy efficiency and to meet environmental commitments. The company also distributes and generates electricity for domestic and commercial customers. The company has 2,000 employees in multiple offices and in work-from-home locations.

City Power & Light uses a team of schedulers, assessors, field engineers, and customer support agents for home improvements in a program named Get Energy Fit.

Current Environment

-

Get Energy Fit Program

-

City Power & Light uses the following to manage the Get Energy Fit program:

•The company uses a Microsoft Excel spreadsheet named Planning Hub on Microsoft SharePoint Online to store information about customer appointments, customer details, and customer eligibility in the program.
•The company records sensitive customer information that includes the document identification numbers and the customer's financial information.
•The company uses an assessor to verify customer eligibility in the program and to perform a suitability assessment. The assessor completes the suitability assessment by using a paper and clipboard at the customer property and enters the data to the Planning Hub after the assessment is completed. The assessor also uploads photographs to an on-premises document library. The assessor completes the eligibility assessment by using an application written in React.
•Schedulers use Microsoft Outlook to schedule engineers and assessors for home improvement appointments. About 200 appointments are scheduled daily.
•Employees for the company submit funding claims on behalf of the customer by uploading evidence and compliance checks information to an application named the Claim Submission Portal.

Technical Environment

-

•Schedulers use Windows 11 desktop and laptop computers with the latest version of Microsoft Edge.•Assessors use iOS and Android tablet devices.
•The Claim Submission Portal uses REST-based APIs for all operations and a dedicated testing environment. Authentication to the API is provided by using the following example header key and value pair:
oAuthentication: 2C8D41431415E429C7FC7A74D8315
•The company uses Microsoft Azure for hosting multiple applications.

Requirements
-

Overview
-

City Power & Light plans to implement Microsoft Power Platform to improve the customer experience and increase delivery for the Get Energy Fit program.

Business Requirements
-

•Only team leaders and senior managers should have access to read personally identifiable information (PII).•All development changes must be tested in a separate environment.
•The company requires out-of-the-box solutions, when possible.
•Sensitive credentials, such as user passwords and API secrets, must be stored securely.•The Claim Submission Portal must allow citizen developers to create automated solutions.•Customer and appointment information must be accessible to all applications.

Planning Hub Application
-

The company is planning to replace the Planning Hub spreadsheet with a new application. The new application has the following requirements:

•The application must support a component design that provides rapid changes requested by the schedulers.•The data model for the application must capture the following information:

oInformation about customers such as name, address, and other PII.
oThe data and time for an assessor's or engineer's appointment. Schedulers must be able to view all appointments without filters.
oRecords the details of the home improvements installed for the customer.
oContains all the information and evidence for submission to the Claim Submission Portal.

•After an assessor uploads the funding application and all evidence after a home improvement has been complete, the company requires that the status of the application is set to Submit and should run the following:

oRetrieve the details about the customer and the improvement installed.
oSend an approval to a senior manager to review and approve in Microsoft Teams.
oUpload the information to the API endpoint.
oIf the upload fails to complete, it should retry after a delay of 30 seconds up to three times. If an error occurs after three times, the application should send an email notification to the application support team.
oMust record the status on the funding application.

Suitability Assessment Tool
-

The company plans to implement a new application named the Suitability Assessment Tool for the assessors. The new application has the following requirements:

•Must integrate with Microsoft Power Platform.
•Assessors must be able to complete the eligibility assessment by using the Suitability Assessment Tool. The

assessors must be able to upload photographs to the on-premises file share.
•Must be developed by using modular components that can be used by other applications.•Must be optimized for use on tablet devices.
•All changes to the application must be completed in the Suitability Assessment Tool solution.

Reporting
-

The company has the following requirements for a reporting solution:

•The data source for the reporting solution must support incremental refreshes.•The solution must report accurate data if an error occurs.

Issues
-

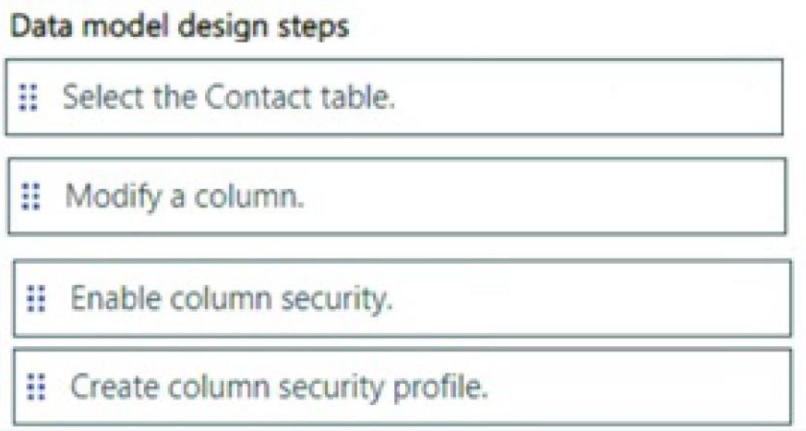
•A recent audit identified that all users can access the PII in the Planning Hub spreadsheet.
•After a developer deploys a change to the production environment, a user reports information is loaded incorrectly to the test system when processing a funding application.
•After deploying a change to the new eligibility assessment tool in the development environment, you observe that the changes do not appear in the development environment.
•After removing a column from the Planning Hub application and deploying the changes to the production environment, you observe that the column is still present.
•You deploy the customizations for the data model. Users report that the email address of the user who created the appointment is missing and that searches on the description information do not return any results.

You need to design the Planning Hub data model.

Which four 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.

Options	Data model design steps
Select the Contact table.	
Modify a column.	
Create a column.	
Enable auditing.	
Create a custom table.	
Enable column security.	
Create column security profile.	
Start auditing.	

Answer:



Explanation:

1. **Select the Contact table.**

Contact Table: This is the table in your data model that contains contact information. Selecting this table is the first step in applying any modifications or security settings to its columns.

2. **Modify a column.**

Modify a Column: This step involves making changes to a specific column within the Contact table. Modifications can include changing the data type, renaming the column, or applying transformations to the data. This ensures that the column is in the correct format and contains the necessary data for analysis.

3. **Enable column security.**

Enable Column Security: This step involves activating security settings at the column level. Column-level security restricts access to specific columns based on user roles or permissions. Enabling this feature ensures that sensitive information in the Contact table is only accessible to authorized users.

4. **Create column security profile.**

Create Column Security Profile: This step involves defining a security profile that specifies which users or roles have access to which columns. The profile can include rules and conditions that determine access levels, ensuring that sensitive data is protected and only visible to those who need it.

Question: 37

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information

tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

City Power & Light is an energy and utilities company that has offices in Europe. The company subsidizes home improvements for domestic customers, to improve energy efficiency and to meet environmental commitments. The company also distributes and generates electricity for domestic and commercial customers. The company has 2,000 employees in multiple offices and in work-from-home locations.

City Power & Light uses a team of schedulers, assessors, field engineers, and customer support agents for home improvements in a program named Get Energy Fit.

Current Environment -

Get Energy Fit Program -

City Power & Light uses the following to manage the Get Energy Fit program:

•The company uses a Microsoft Excel spreadsheet named Planning Hub on Microsoft SharePoint Online to store information about customer appointments, customer details, and customer eligibility in the program.
•The company records sensitive customer information that includes the document identification numbers and the customer's financial information.
•The company uses an assessor to verify customer eligibility in the program and to perform a suitability assessment. The assessor completes the suitability assessment by using a paper and clipboard at the customer property and enters the data to the Planning Hub after the assessment is completed. The assessor also uploads photographs to an on-premises document library. The assessor completes the eligibility assessment by using an application written in React.
•Schedulers use Microsoft Outlook to schedule engineers and assessors for home improvement appointments. About 200 appointments are scheduled daily.
•Employees for the company submit funding claims on behalf of the customer by uploading evidence and compliance checks information to an application named the Claim Submission Portal.

Technical Environment -

•Schedulers use Windows 11 desktop and laptop computers with the latest version of Microsoft Edge.
•Assessors use iOS and Android tablet devices.
•The Claim Submission Portal uses REST-based APIs for all operations and a dedicated testing environment. Authentication to the API is provided by using the following example header key and value pair: oAuthentication: 2C8D41431415E429C7FC7A74D8315
•The company uses Microsoft Azure for hosting multiple applications.

Requirements -

Overview -

City Power & Light plans to implement Microsoft Power Platform to improve the customer experience and increase delivery for the Get Energy Fit program.

Business Requirements -

•Only team leaders and senior managers should have access to read personally identifiable information (PII).•All development changes must be tested in a separate environment.
•The company requires out-of-the-box solutions, when possible.
•Sensitive credentials, such as user passwords and API secrets, must be stored securely.•The Claim Submission Portal must allow citizen developers to create automated solutions.•Customer and appointment information must be accessible to all applications.

Planning Hub Application -

The company is planning to replace the Planning Hub spreadsheet with a new application. The new application has the following requirements:

•The application must support a component design that provides rapid changes requested by the schedulers.•The data model for the application must capture the following information:

oInformation about customers such as name, address, and other PII. oThe data and time for an assessor's or engineer's appointment. Schedulers must be able to view all appointments without filters. oRecords the details of the home improvements installed for the customer. oContains all the information and evidence for submission to the Claim Submission Portal.

•After an assessor uploads the funding application and all evidence after a home improvement has been complete, the company requires that the status of the application is set to Submit and should run the following:

oRetrieve the details about the customer and the improvement installed. oSend an approval to a senior manager to review and approve in Microsoft Teams. oUpload the information to the API endpoint. oIf the upload fails to complete, it should retry after a delay of 30 seconds up to three times. If an error occurs after three times, the application should send an email notification to the application support team. oMust record the status on the funding application.

Suitability Assessment Tool -

The company plans to implement a new application named the Suitability Assessment Tool for the assessors. The new application has the following requirements:

•Must integrate with Microsoft Power Platform.
•Assessors must be able to complete the eligibility assessment by using the Suitability Assessment Tool. The assessors must be able to upload photographs to the on-premises file share.
•Must be developed by using modular components that can be used by other applications.
•Must be optimized for use on tablet devices.
•All changes to the application must be completed in the Suitability Assessment Tool solution.

Reporting -

The company has the following requirements for a reporting solution:

•The data source for the reporting solution must support incremental refreshes.•The solution must report accurate data if an error occurs.

Issues -

•A recent audit identified that all users can access the PII in the Planning Hub spreadsheet.
•After a developer deploys a change to the production environment, a user reports information is loaded incorrectly to the test system when processing a funding application.
•After deploying a change to the new eligibility assessment tool in the development environment, you observe that the changes do not appear in the development environment.
•After removing a column from the Planning Hub application and deploying the changes to the production environment, you observe that the column is still present.
•You deploy the customizations for the data model. Users report that the email address of the user who created the appointment is missing and that searches on the description information do not return any results.

You need to implement the Suitability Assessment Tool.

What should you use?

A.Power App Component Framework (PCF) control

B.view

C.component library

D.form

Answer: A

Explanation:

Power App Component Framework (PCF) control: Custom controls that offer flexibility and enhanced functionality.

Question: 38

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•After removing a column from the Planning Hub application and deploying the changes to the production environment, you observe that the column is still present.
•You deploy the customizations for the data model. Users report that the email address of the user who created the appointment is missing and that searches on the description information do not return any results.

You need to identify the Azure service to use for the Planning Hub application.

Which service should you use?

A.Logic App
B.Service Bus
C.Key Vault
D.Function

Answer: B

Explanation:

The Planning Hub application requires data integration and message-based communication between various components, including scheduling, customer details, and appointment tracking.Azure Service Bus is designed for reliable messaging and asynchronous processing, which is ideal for handling appointment scheduling and integration with multiple applications.It ensures decoupling between different services, making the architecture more scalable and resilient.

Question: 39

DRAG DROP
-

A company is implementing business logic in a model-driven app. Employees import records from Microsoft Excel to create lead records.

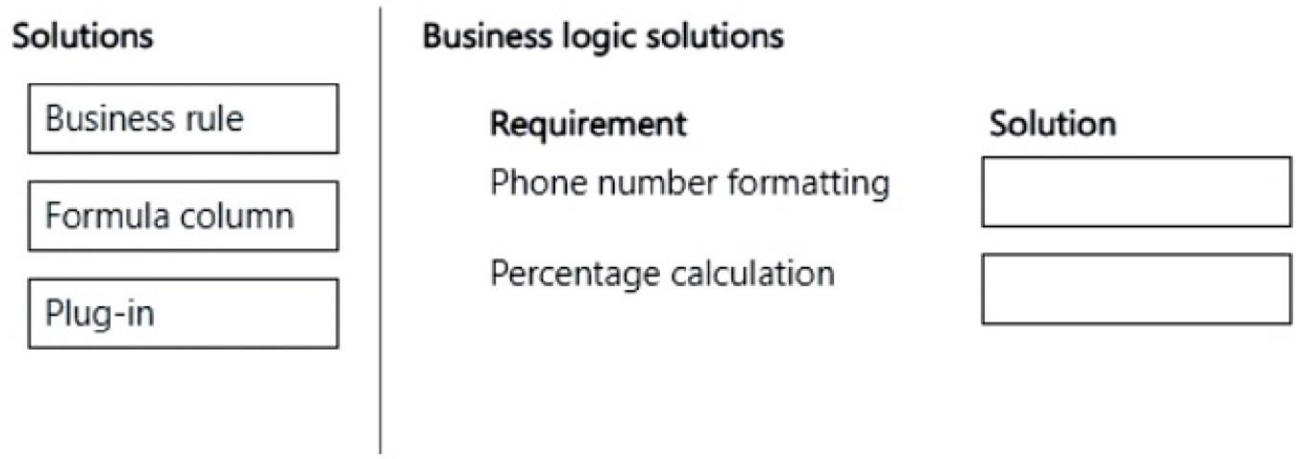
The company has the following requirements:

•An existing phone number column must be formatted to only display numbers and periods.•Three existing columns must be calculated to display the sum based on a percentage.•The solution must not use custom development when possible.

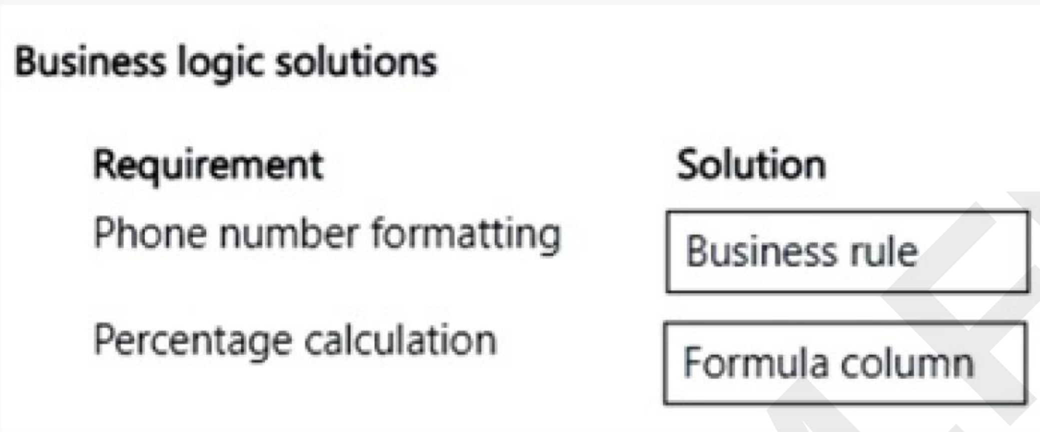
You need to implement the business logic solution.

Which method should you use? To answer, move the appropriate solutions to the correct requirements. You may use each solution once, more than once, or not at all. You may need to move the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Answer:



Question: 40

You are creating a FetchXML query.

The query must return data from a table and return filtered data from a related table. You need to configure the FetchXML query.

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

A.attribute
B.link-entity
C.alias
D.condition

Answer: BD
Explanation:

B. link-entity: This element is used to define the relationship and join between the primary entity and the related entity from which you want to retrieve data.

D. condition: This element is used to specify the criteria that the data must meet to be included in the results, allowing you to filter the data from the related table.

Question: 41

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once 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.
A university implements Dynamics 365 Sales. Several departments use opportunity records to bid for funding for projects within their own departments. You configure the system to ensure that each department can only work on their own records.
Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.
You need to ensure that employees from more than one department can work on the same opportunities when necessary.
Solution: Use position hierarchy security and define the two departments as positions.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:

Two security models can be used for hierarchies, the Manager hierarchy and the Position hierarchy. The Position hierarchy allows data access across business units. If you are a financial organization, you may prefer the Manager hierarchy model, to prevent managers' accessing data outside of their business units.

However, if you are a part of a customer service organization and want the managers to access service cases handled in different business units, the Position hierarchy may work better for you.

Note: The hierarchy security model is an extension to the existing security models that use business units, security roles, sharing, and teams. It can be used in conjunction with all other existing security models. The hierarchy security offers a more granular access to records for an organization and helps to bring the maintenance costs down.

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/hierarchy-security

Question: 42

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
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Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.
You need to ensure that employees from more than one department can work on the same opportunities when necessary.
Solution: Create a security role that has organization-level access to opportunities. Give this security role to all members of the two departments who need access.
Does the solution meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use position hierarchy security and define the two departments as positions.

Reference:
https://docs.microsoft.com/en-us/power-platform/admin/hierarchy-security

Question: 43

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than once correct solution, while others might not have a correct solution.
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Employees in multiple departments often need to work together on an opportunity. Employees report that they are not able to see opportunities from other departments.
You need to ensure that employees from more than one department can work on the same opportunities when necessary.
Solution: Use access team templates and give access to members in the two departments.
Does the solution meet the goal?

A. Yes
B. No

Answer: A

Explanation:

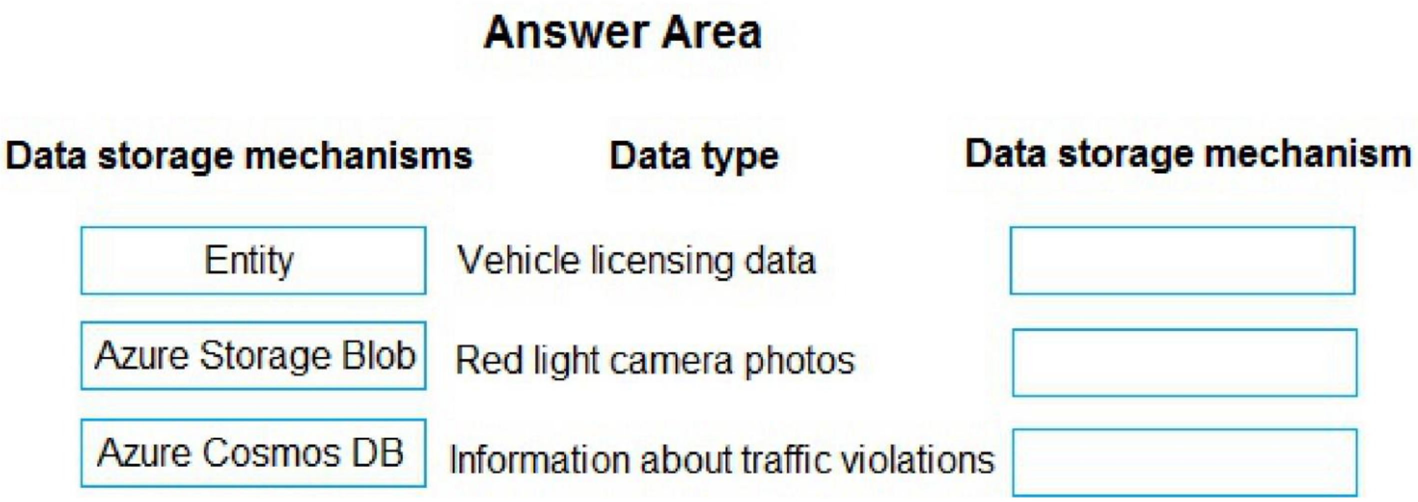
Yes. They allow for record-based sharing of information, in this case, opportunity records, among different teams or departments.

Each department can continue to work on their own records as per the existing setup. When employees from multiple departments need to work together on an opportunity, you can create an access team from the appropriate Access Team Template and add the relevant employees to the team. These team members will then have the necessary permissions to view and work on the shared opportunity records.

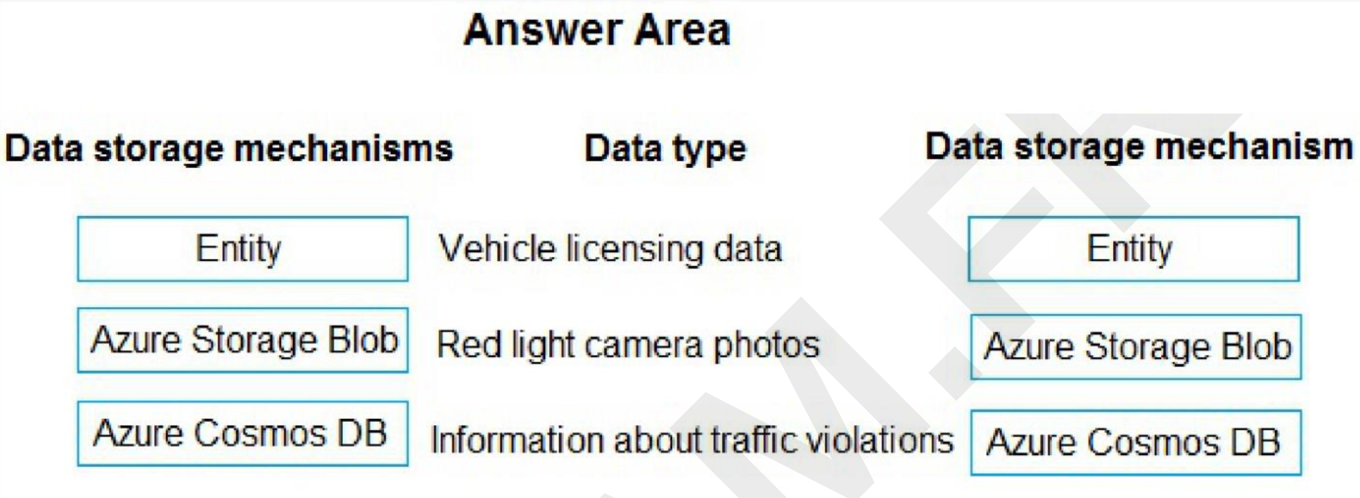
Question: 44

DRAG DROP -
An international organization has a series of client-server applications that manage red light cameras and traffic violations across a wide geographic region. The daily volume of traffic violations is very high and growing.

You plan to use Microsoft Power Platform apps to manage the following types of data: ➢ Existing vehicle licensing data must be imported into Microsoft Dataverse and easily queried.
➢ Red light camera images must be stored in a repository for later analysis.
➢ Information about traffic violations must be stored and related to vehicle details.
You need to select data storage mechanisms for the new apps.
Which data storage mechanisms should you use? To answer, drag the appropriate data storage mechanisms to the correct data types. Each storage mechanism 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.
Select and Place:



Answer:



Explanation:
Box 1: Entity -
Existing vehicle licensing data must be imported into Microsoft Dataverse and easily queried.

Virtual tables (also known as virtual entities) enable the integration of data residing in external systems by seamlessly representing that data as tables in Microsoft
Dataverse, without replication of data and often without custom coding.

A virtual table is a definition of a table in the Dataverse platform without the associated physical tables for table instances created in the Dataverse database.

Instead during runtime, when a table instance is required, its state is dynamically retrieved from the associated external system.

The following data providers ship with Dataverse:
An OData v4 provider is included with the service and is installed by default. This provider supports create, read (retrieve, retrieve multiple), update and delete operations.

An Azure Cosmos DB -

Box 2: Azure Storage Blob -
Red light camera images must be stored in a repository for later analysis.
Use Azure Storage Blob for binary data.
Azure Blob storage stores massive amounts of unstructured object data, such as text or binary data.

Box 3: Azure Cosmos DB -
Information about traffic violations must be stored and related to vehicle details.

Reference:
https://docs.microsoft.com/en-us/power-apps/developer/data-platform/virtual-entities/get-started-ve https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blobs-introduction

Question: 45

A financial institution that has a Dynamics 365 Sales environment requires that the account balance field from the account entity be visible to specific users only.
You need to set up the field security for the account balance field.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE:
Each correct selection is worth one point.

A. Set the field to Read-Only and then publish the entity
B. Set the field permission Allow Read to Yes and add the users to the members section
C. Create a security role and add the specific users to the role
D. Enable field security and then publish the entity
E. Create a field security profile

Answer: BDE

Explanation:
To implement field-level security, a system administrator performs the following tasks.
1. Enable field security on one or more fields for a given entity.
2. Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams.
A security profile determines the following:
➾ Permissions to the secure fields
➾ Users and Teams
A security profile can be configured to grant user or team members the following permissions at the field level:
➾ Read. Read-only access to the field's data.
➾ Create. Users or teams in this profile can add data to this field when creating a record.
➾ Update. Users or teams in this profile can update the field's data after it has been created.

Reference:
https://docs.microsoft.com/en-us/power-platform/admin/field-level-security

Question: 46

HOTSPOT -
An organization uses Common Data Service.
The organization's IT helpdesk requires a single-page web application to monitor and manage Data Export Service. The app must access Data Export Service securely. The app must also permit helpdesk users to perform a limited set of functions.
You need to create a single-page app.

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

Answer Area

Requirement	Option
Connect to the app securely	Use the Common Data Service user security role Use the sign-in credentials for Azure SQL Server Use the Environment Maker security role Register the app in Azure Active Directory
Monitor the status of data replication	Use FetchXML queries Use Profile operations Use Metadata operations Use T-SQL queries
Enable an entity for replication	Define an alternate key Enable Auditing Enable Change Tracking Set the data provider
Start or stop data replication	/crm/exporter/metadata/entities /crm/exporter/profiles/validate /crm/exporter/profiles/{id}/test /crm/exporter/profiles/{id}/activatedata
View information on records that fail to sync	Use Azure Storage Explorer Use FetchXML queries Use Profile operations Use T-SQL queries

Answer:

Answer Area

Requirement	Option
Connect to the app securely	Use the Common Data Service user security role Use the sign-in credentials for Azure SQL Server Use the Environment Maker security role Register the app in Azure Active Directory
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Start or stop data replication	/crm/exporter/metadata/entities /crm/exporter/profiles/validate /crm/exporter/profiles/{id}/test /crm/exporter/profiles/{id}/activatedata
View information on records that fail to sync	Use Azure Storage Explorer Use FetchXML queries Use Profile operations Use T-SQL queries

Explanation:
Box 1: Register the app in Azure Active Directory

Box 2: Use FetchXML queries -
The failure entries can be retrieved through the Get the failure details for a given Profile request. The response returns a URI to an Azure blob that contains the failure information. Each line has the following comma-separated fields (newlines added for clarity):
Entity: <entity-name>,
RecordId: <N/A | guid>,
NotificationTime: <datetime>,
ChangeType: <sync-type>,
FailureReason: <description>
Note: FetchXML is a proprietary XML based query language of Microsoft Dataverse used to query data using either the Web API or the Organization service. It's based on a schema that describes the capabilities of the language. The FetchXML language supports similar query capabilities as query expressions.

Incorrect Answers:
The Data Export Service exposes a REST-based API that is divided into two groups: a set of Metadata operations for exploring Dataverse organizational structure, relationships, and connection information; and a set of Profiles operations for configuring and managing each data replication.

Box 3: Enable Change Tracking -

The entities that will be added to the Export Profile must be enabled with change tracking.

Box 4: /crm/exporter/ id /activatedata
profiles/ id /activatedata
Activate profile for data replication only.

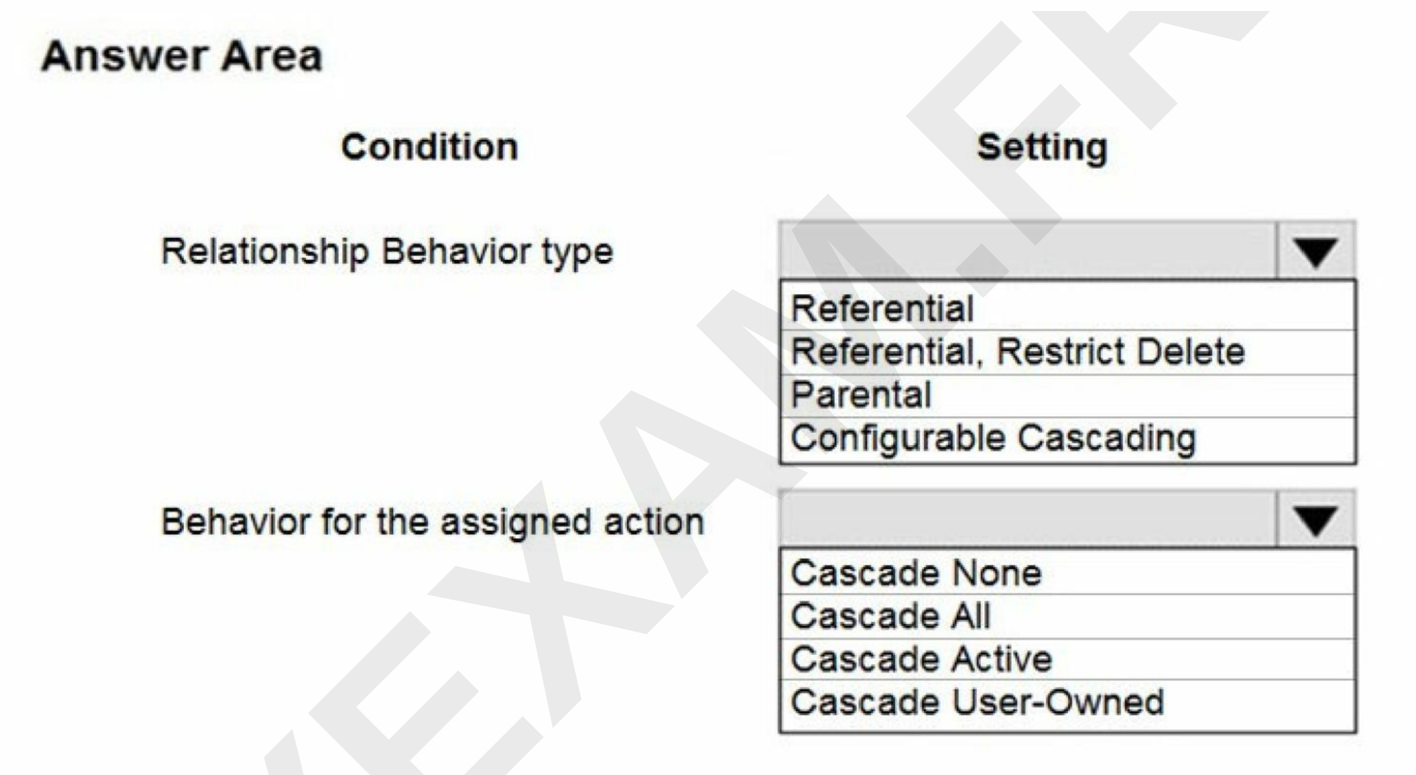
Note: profiles/ id /activate -
Activate a profile, which starts replication of both the associated table definitions and data.

Box 5: Use Profile operations -
These failure entries can be retrieved through the Get the failure details for a given Profile request.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/data-export-service https://docs.micro soft.com/en-us/power-platform/admin/replicate-data-microsoft-azure-sql-database https://docs.microsoft.co m/en-us/powerapps/developer/data-platform/use-fetchxml-construct-query

Question: 47

HOTSPOT -
A company has a Common Data Service (CDS) environment.
The following conditions must apply when accounts are reassigned:
✑ Ownership for completed tasks that are associated with the account must not change.✑
Outstanding tasks must be reassigned to the new owner of the account.
You need to configure the relationship to meet the requirements.
Which settings should you use? To answer, select the appropriate options in the answer area. NOTE:
Each correct selection is worth one point.
Hot Area:



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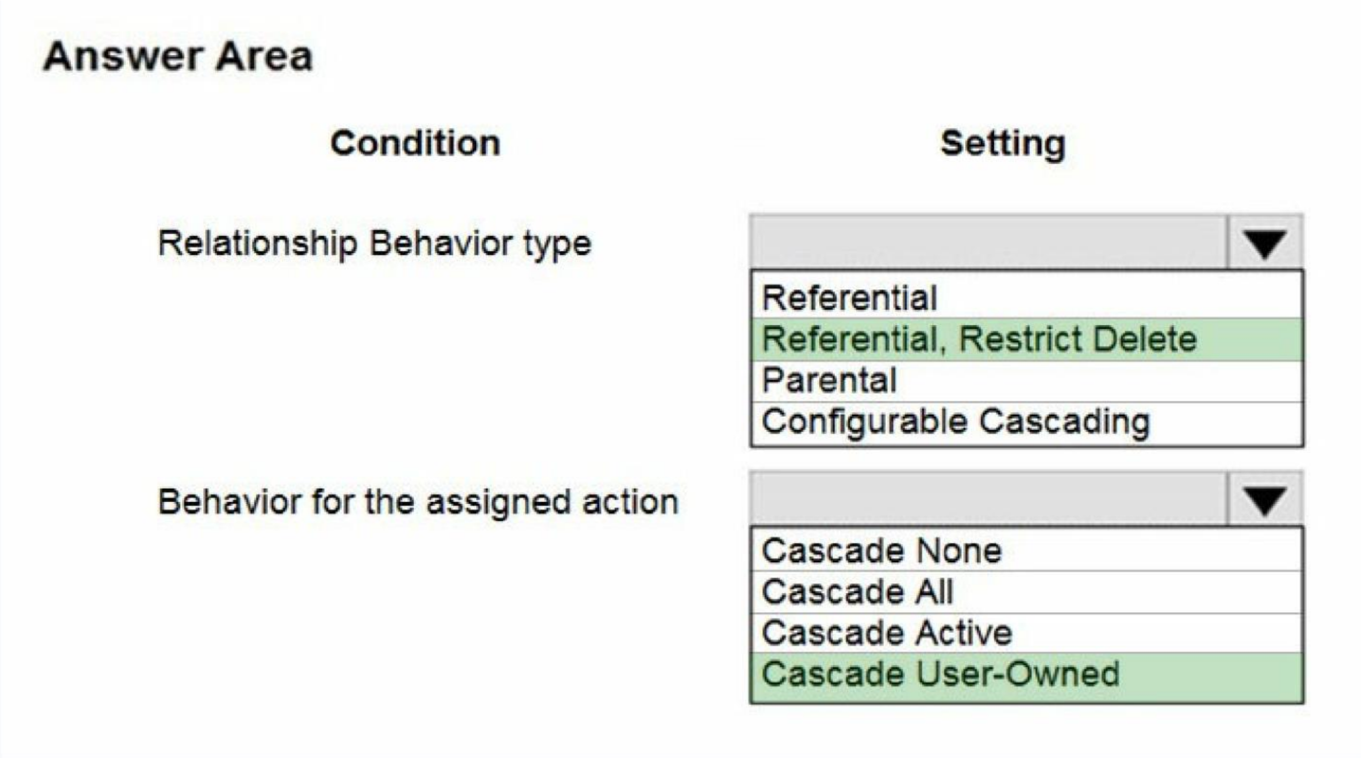


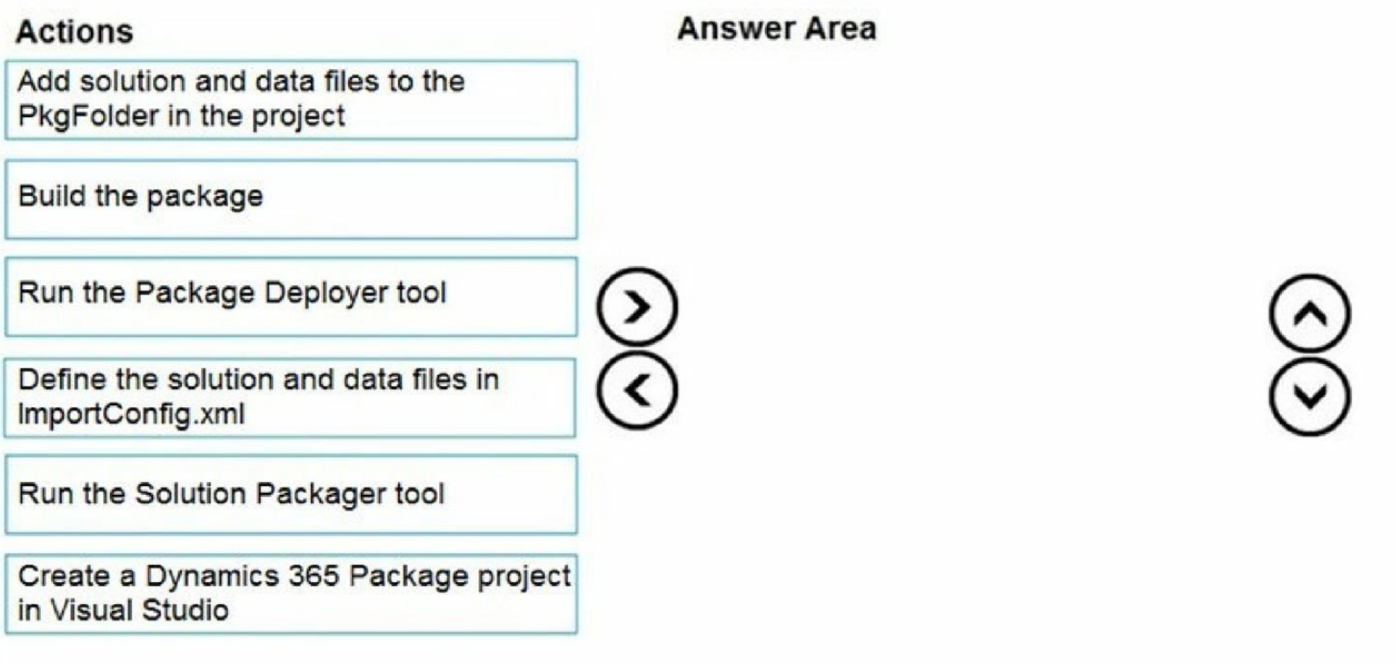
Explanation:
Box 1: Referential, Restrict Delete
Restrict: Prevent the Referenced table record from being deleted when referencing tables exist.

Box 2: Cascade User Owned -
Cascade User Owned: perform the action on all referencing table records owned by the same user as the referenced table record.

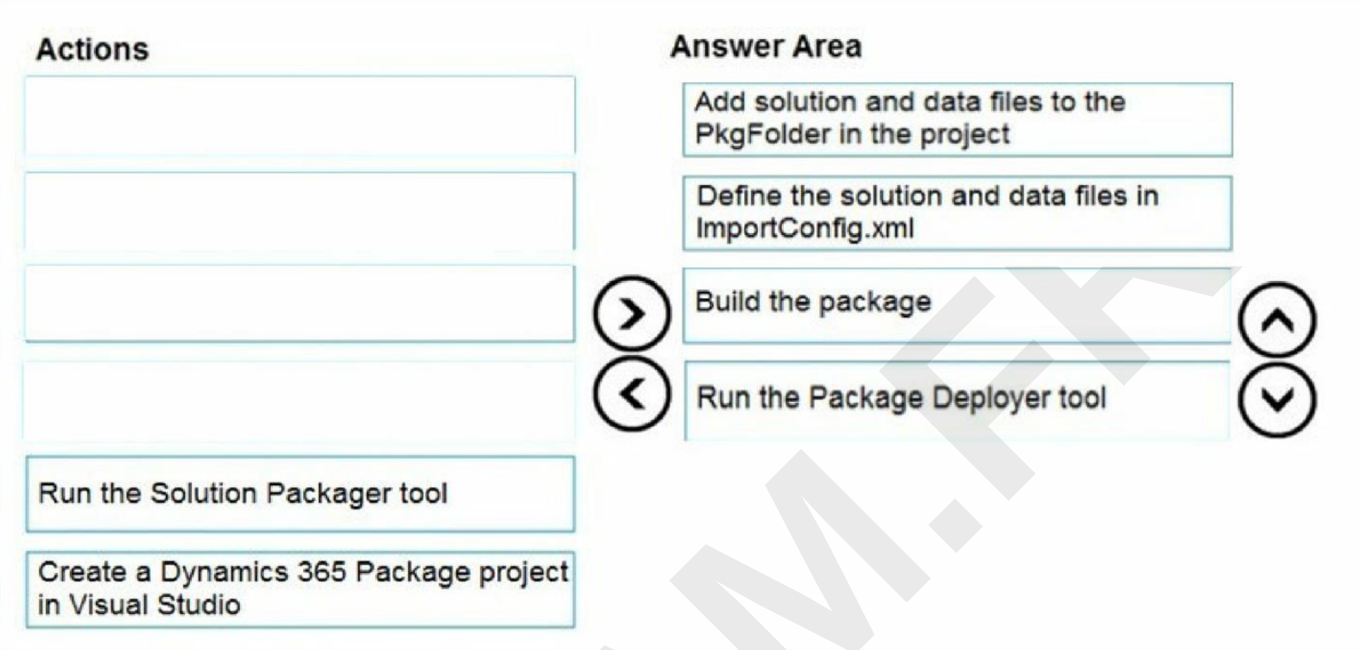
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/configure-entity-relationship-cascading-behavior

Question: 48

DRAG DROP -
A company has Common Data Service (CDS) environments for development, test, and production.
You have a model-driven app that consists of two solutions. The solutions include settings and reference data. You plan to move the solutions, app settings, and reference data from a development environment to a production environment.
You export each solution from the development environment as a zip file.
You run the Configuration Manager to export the settings and reference data as zip files.
You need to prepare the app and its settings for deployment.
Which four 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.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.
Select and Place:



Answer:



Explanation:

Step 1: Add your files to the project

In the Solutions Explorer pane, add your solutions and files under the PkgFolder folder.

For each file that you add under the PkgFolder folder, in the Properties pane, set the Copy to Output Directory value to Copy Always. This ensures that your file is available in the generated package.

Step 2: Define the solution and data files in ImportConfig.xml
Define the package configuration by adding information about your package in the ImportConfig.xml file available in the PkgFolder.

Step 3: Build the package -

Step4: Run the Package Deployer tool

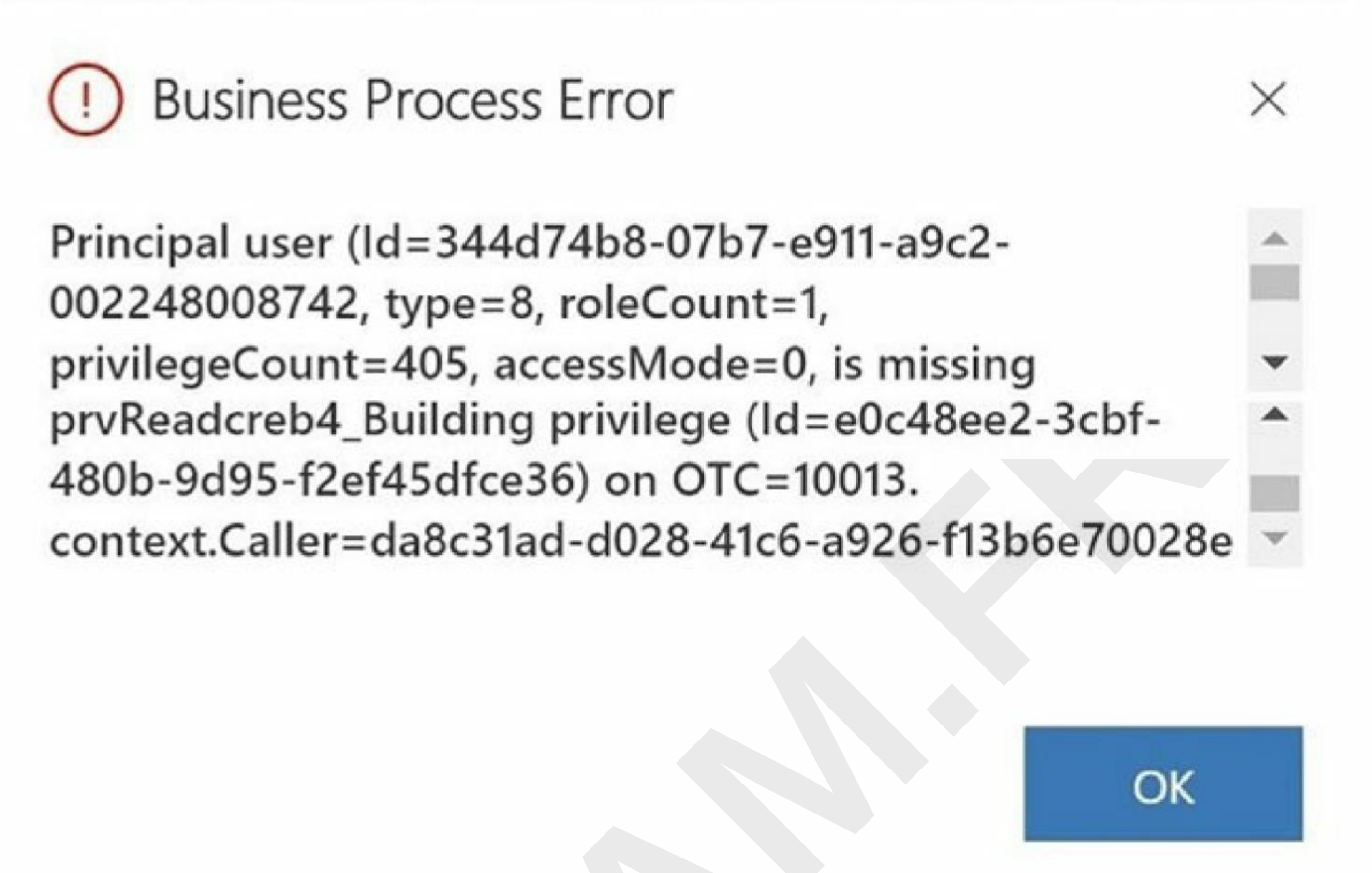
After you create a package, you can deploy it on the Dataverse instance by using either the Package Deployer tool or Windows PowerShell.

Reference:

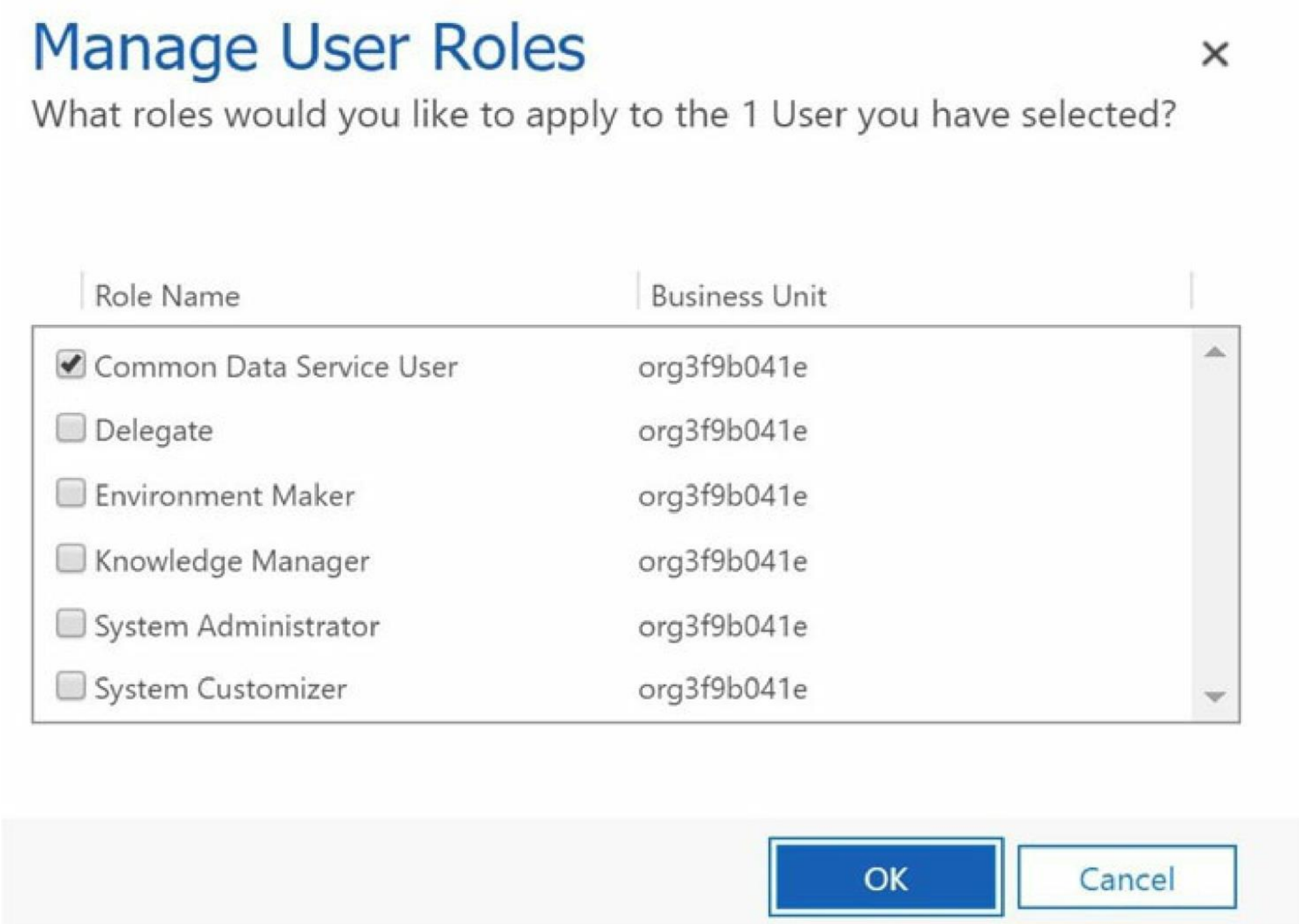
https://docs.microsoft.com/en-us/power-platform/alm/package-deployer-tool

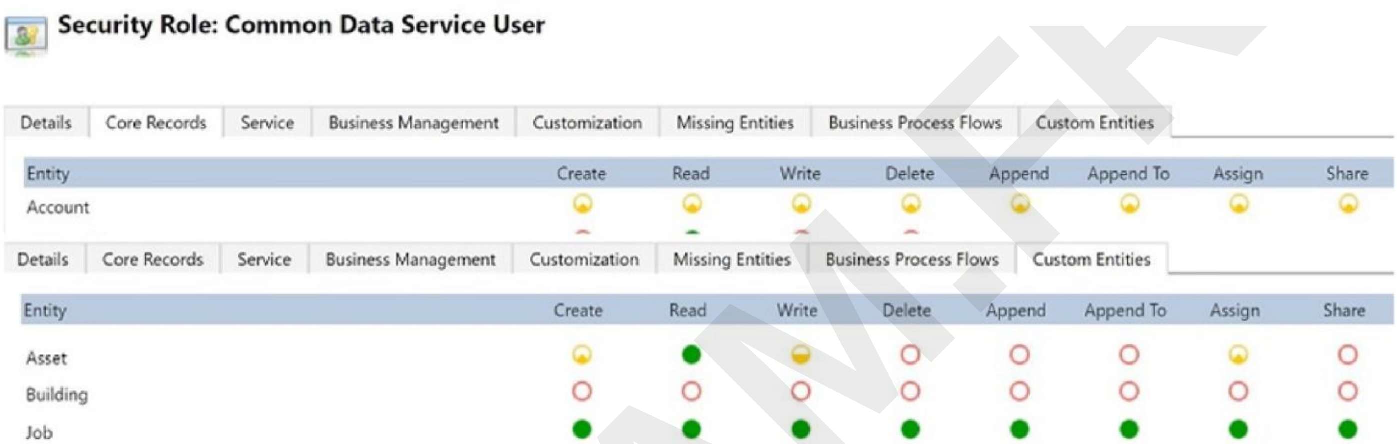
Question: 49

HOTSPOT -
You have a model-driven app that uses the Common Data Service (CDS). You create three custom entities that are in many-to-one parental relationships with the
Account entity.
You run a real-time workflow that assigns an account you own to another user. You receive the error message as shown in the Error Message exhibit. (Click the
Error Message tab.)



You check the security roles for the user as shown in the Manage User Roles exhibit. (Click the Manage User Roles tab.) You also check the privileges for that role as shown in the Common Data Service User Security Role exhibit.
(Click the Security Role tab.)





You need to prevent the error from recurring.
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE:
Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
Changing the **Append To** privilege on the Account entity to **Organization** prevents the error from recurring.	○	○
Adding the Environment Maker role to the user prevents the error from recurring.	○	○
Adding the system customizer role gives the user more access than needed to prevent the error from recurring.	○	○
Setting all the privileges for the Building entity to **User** prevents the error from recurring.	○	○

Answer:

Answer Area

Statements	Yes	No
Changing the **Append To** privilege on the Account entity to **Organization** prevents the error from recurring.	○	○
Adding the Environment Maker role to the user prevents the error from recurring.	○	○
Adding the system customizer role gives the user more access than needed to prevent the error from recurring.	○	○
Setting all the privileges for the Building entity to **User** prevents the error from recurring.	○	○

Explanation:
Box 1: No -
There is a read error.

Box 2: No -
Note: The Environment Maker role can create resources within an environment including apps, connections, custom connectors, gateways, and flows using Power
Automate.

Box 3: Yes -
The System Customizer role is similar to the System Administrator role which enables non-system administrators to customize Dynamics 365. A Customizer is a user who customizes entities, attributes and relationships.

Box 4: Yes

Question: 50

DRAG DROP -
A company is creating a new system based on Microsoft Dataverse.
You need to select the features that meet the company's requirements.
Which options should you use? To answer, drag the appropriate options to the correct requirements. Each option 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.
Select and Place:

Options

- connection
- one-to-many relationship
- many-to-many relationship
- self-referential relationship

Answer Area

Requirement	Option
Visualize records as a hierarchy in a model-driven app	Option
Records in one entity must be able to reference only a single record in another entity	Option
Any record in one entity must be able to be referenced by any record in another entity	Option

Answer:

Options

- connection
- one-to-many relationship
- many-to-many relationship
- self-referential relationship

Answer Area

Requirement	Option
Visualize records as a hierarchy in a model-driven app	one-to-many relationship
Records in one entity must be able to reference only a single record in another entity	one-to-many relationship
Any record in one entity must be able to be referenced by any record in another entity	many-to-many relationship

Explanation:
Box 1: one-to-many relationship -
Only one (1:N) self-referential relationship per table can be set as hierarchical. In a self-referential relationship the primary table and the related table must be of the same type.

Box 2: one-to-many relationship -
1:N (One-to-Many) - A table relationship where one table row for the Primary table can be associated to many other Related table rows because of a lookup column on the related table.

Note: The N:1 (many-to-one) relationship type exists in the user interface because the designer shows you a view grouped by tables. 1:N relationships actually exist between tables and refer to each table as either a Primary/Current table or Related table. The related table, sometimes called the child table, has a lookup column that allows storing a reference to a row from the primary table, sometimes called the parent table. A N:1 relationship is just a 1:N relationship viewed from the related table.

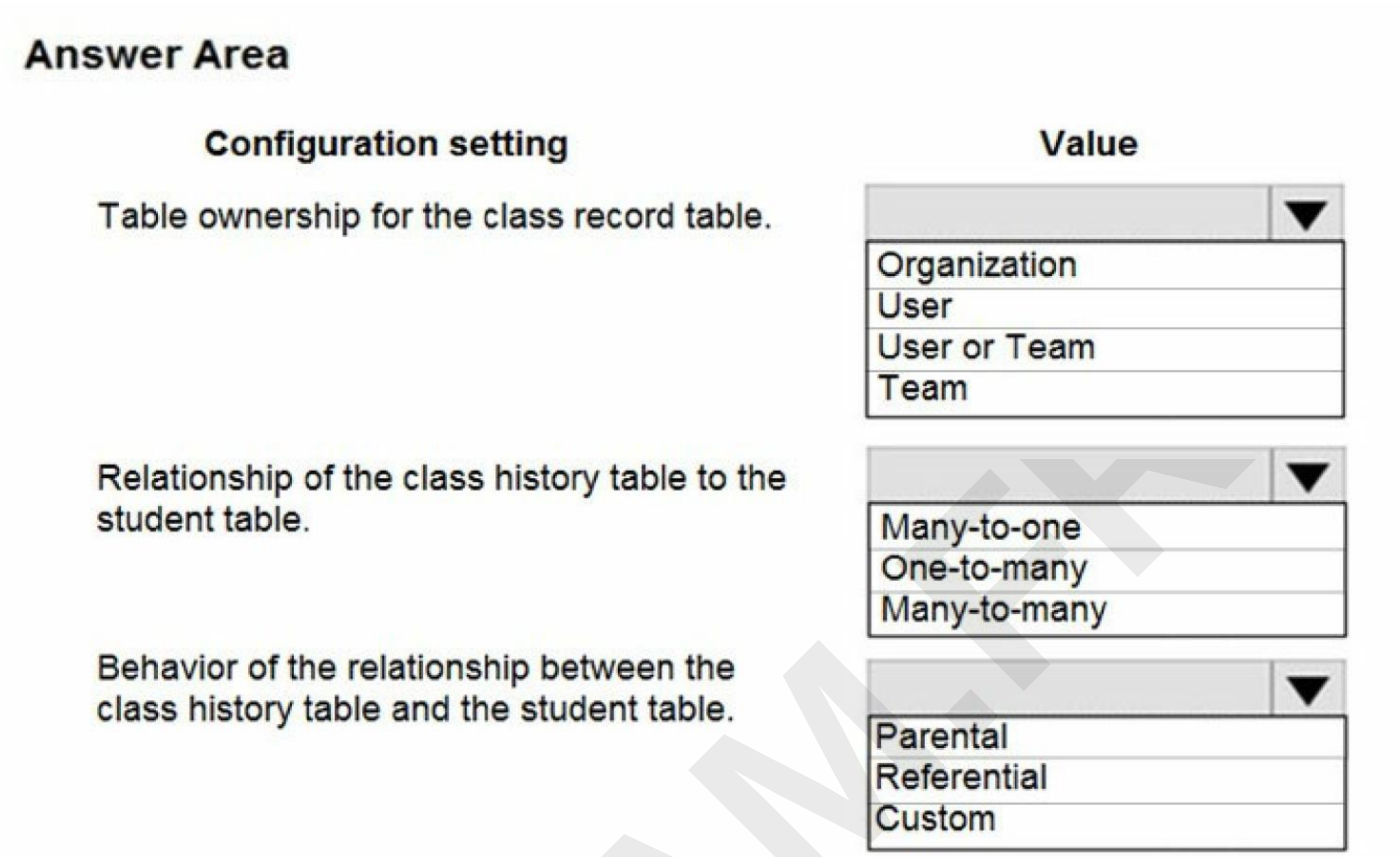
Box 3: many-to-many relationship
N:N (Many-to-Many) - A table relationship that depends on a special Relationship table, sometimes called an Intersect table, so that many rows of one table can be related to many rows of another table.

When viewing rows of either table in a N:N relationship you can see a list of any rows of the other table that are related to it.

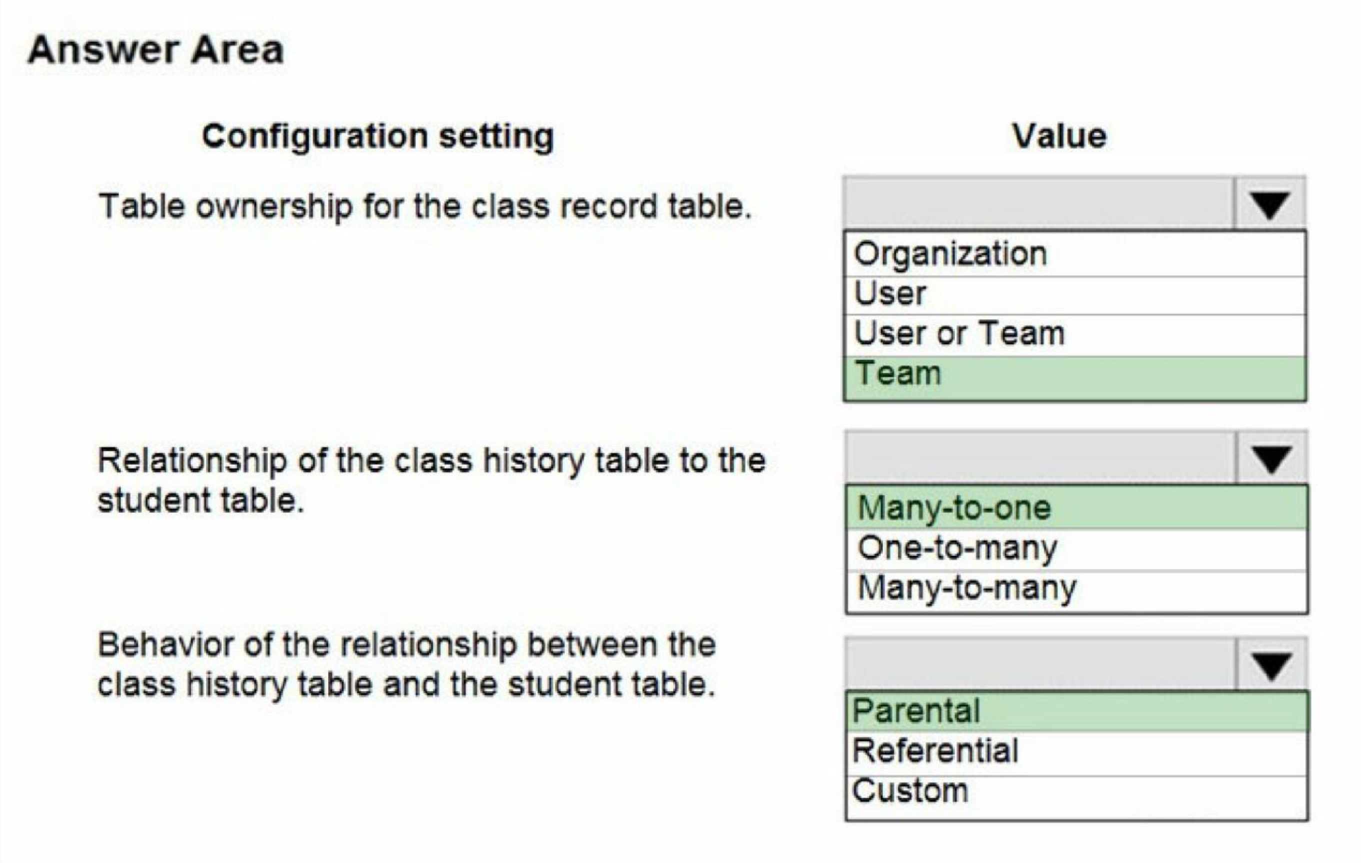
Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/create-edit-entity-relationships https://docs.microsoft.com/en-us/power-apps/maker/data-platform/visualize-hierarchical-data

Question: 51

HOTSPOT -
A school district wants to standardize student information and student performance records. Students in the district are assigned to a specific school. Students are evaluated using class records.
When students move between schools in the middle of a school year, the student's current class history must be available to the administrators at the new school.
You need to configure Microsoft Dataverse tables to connect the class history records to their respective class records.
How should you configure the table? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:



Answer:



Explanation:
Box 1: Team -
'the student's current class history must be available to the administrators at the new school.'

Box 2: Many-to-one -

Box 3: Parental -
The N:1 (many-to-one) relationship type exists in the user interface because the designer shows you a view grouped by tables. 1:N relationships actually exist between tables and refer to each table as either a Primary/Current table or Related table. The related table, sometimes called the child table, has a lookup column that allows storing a reference to a row from the primary table, sometimes called the parent table. A N:1 relationship is just a 1:N relationship viewed from the related table.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/user-team-entities https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-entity-relationships#types-of-table-relationships

Question: 52

HOTSPOT -
You are developing an app for a sales team to record contact details in Microsoft Dataverse.
The app must handle loss of network and save the data to Dataverse when reconnected.
The main screen of the app has a form to collect contact data and a button. The OnSelect property for the button has the following expression:

```
If(
  Connection.Connected,
  Patch(
    Contacts,
    Defaults(Contacts),
    {
      'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
    }
  );
  Navigate(ConfirmationScreen,ScreenTransition.Fade)
  ,
  ClearCollect(
  LocalRecord,
  {
    'First Name': DataCardValue_FirstName.Text, 'Last Name': DataCardValue_LastName.Text
  }
);
SaveData(LocalRecord, "LocalRecord");
Navigate(PendingScreen,ScreenTransition.Fade)
)
```

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

Answer Area

Statements	Yes	No
The expression saves the data to CDS when reconnecting after losing network connection.	○	○
The collection created by the Patch statement contains all contacts not saved to CDS.	○	○
The expression updates existing contacts in CDS.	○	○
The expression handles loss of connection to CDS.	○	○

Answer:

Answer Area

Statements	Yes	No
The expression saves the data to CDS when reconnecting after losing network connection.	O	O
The collection created by the Patch statement contains all contacts not saved to CDS.	O	O
The expression updates existing contacts in CDS.	O	O
The expression handles loss of connection to CDS.	O	O

Explanation:

1. The expression saves the data to CDS when reconnecting after losing network connection.

Answer: No
Explanation: The **Patch** function in Power Apps immediately attempts to save data to Dataverse. If the network connection is lost, the Patch operation will fail, and there is no built-in retry mechanism to save data when the connection is restored. Additional error handling or custom logic is required to manage reconnections.

2. The collection created by the Patch statement contains all contacts not saved to CDS.

Answer: No
Explanation: The Patch function updates or inserts records directly into Dataverse but does not inherently create a collection containing unsaved records. If such functionality is needed, the developer must explicitly handle unsaved records using custom logic (e.g., storing them in a local collection).

3. The expression updates existing contacts in CDS.

Answer: No
Explanation: While the **Patch** function can update records, this behavior depends on the provided arguments (e.g., the correct key or GUID). If the expression in question does not include a valid identifier for an existing record, it will not update the record. Therefore, the specific scenario in the question indicates this behavior does not occur.

4. The expression handles loss of connection to CDS.

Answer: Yes
Explanation: The expression likely includes logic to handle the loss of connection explicitly (e.g., using error handling or storing unsaved data temporarily). This ensures the application manages connection disruptions effectively, even though Power Apps and the Patch function do not natively provide reconnection handling.

References:

https://docs.microsoft.com/en-us/powerapps/maker/canvas-apps/offline-apps

Question: 53

You are creating a new page for a Power Apps portal.
You need to display data from Microsoft Dataverse on the page. What should you use?

A. Liquid
B. CSS
C. iFrame
D. Bootstrap

Answer: A

Explanation:
Liquid is an open-source template language that is integrated natively into Microsoft Power Apps portals. It acts as a bridge between Dataverse and the HTML or text output that is sent to the browser. Liquid can be used to add dynamic content to pages and to create a variety of custom templates. Additionally, Liquid provides access only to the data and operations that are explicitly allowed by the portals.

Reference:
https://docs.microsoft.com/en-us/learn/modules/liquid-template-language/

Question: 54

DRAG DROP -
You are creating a canvas app for a company. A security role has been created for sales representatives and a second security role has been created for sales managers.
The canvas app has the following requirements:
✑ Sales managers must be able to view the records of the salespeople in their business unit.
✑ Sales managers must be the only people who can view sales probability data in opportunity records.
✑ Sales representatives and new hires assigned to the same territory share access to sales records.
You need to assign permissions for the app.
Which security options should you use? To answer, drag the appropriate security options to the correct scenarios. Each security option 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.
Select and Place:

Security options

Role-based security

Field-level security

Record-level security

Answer Area

Scenario	Security option
Sales managers must be able to view the records of the salespeople in their business unit.	Security option
Sales managers must be the only people who can view sales probability data in opportunity records.	Security option
Sales representatives and new hires assigned to the same territory share access to sales records.	Security option

Answer:

Security options

Role-based security

Field-level security

Record-level security

Answer Area

Scenario	Security option
Sales managers must be able to view the records of the salespeople in their business unit.	Role-based security
Sales managers must be the only people who can view sales probability data in opportunity records.	Field-level security
Sales representatives and new hires assigned to the same territory share access to sales records.	Record-level security

Explanation:

Box 1: Role-based security -

Dataverse uses role-based security to group together a collection of privileges. These security roles can be associated directly to users, or they can be associated with Dataverse teams and business units.

Box 2: Field-level security -

Sometimes record-level control of access is not adequate for some business scenarios. Dataverse has a field-level security feature to allow more granular control of security at the field level. Field-level security can be enabled on all custom fields and most system fields.

Box 3: Record-level security -

Reference:

https://docs.microsoft.com/en-us/power-platform/admin/wp-security-cds

Question: 55

HOTSPOT -

You are synchronizing company data from a SQL Server-based .NET application into a Common Data Service (CDS) environment.
The data is entered in both the SQL Server and CDS systems.
You have a program that includes the following code:

```
var account = new Entity("account", "accountnumber", "CO-555");
account["name"] = "Contoso";
account["creditlimit"] = new Money(100000);
var request = new UpsertRequest() { Target = account };
var response = (UpsertResponse)_serviceProxy.Execute(request);
```

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

Answer Area

	Yes	No
Creating a new field to store the record identifier from the database resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
Creating an alternate key that uses the accountnumber field resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
If an account exists with only the account name entered as Contoso and all other fields empty, a new account record is created.	○	○
If an account exists that uses the account number CO-555, a new account record is created.	○	○

Answer:

Answer Area

	Yes	No
Creating a new field to store the record identifier from the database resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
Creating an alternate key that uses the accountnumber field resolves the error: `The specified key attributes are not a defined key for the account entity.`	○	○
If an account exists with only the account name entered as Contoso and all other fields empty, a new account record is created.	○	○
If an account exists that uses the account number CO-555, a new account record is created.	○	○

Explanation:
Box 1: No.
An alternate key is needed, not a new field for the record identifier.

Box 2: Yes -
The specified key attributes are not a defined key for the account entity.

Name: EntityKeyNotDefined -
Message: The specified key attributes are not a defined key for the 0 entity

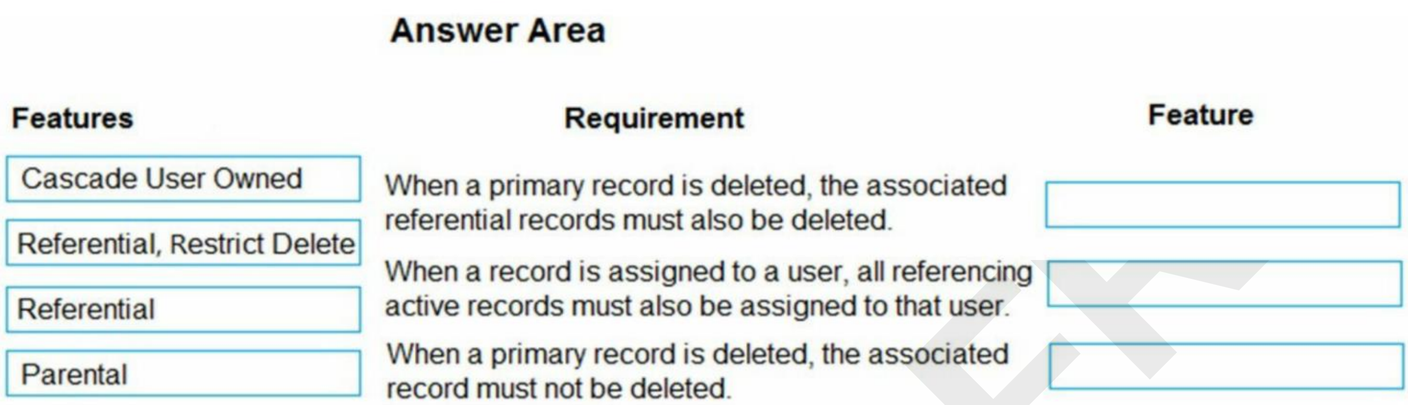
Box 3: Yes -
One way to create an entity is by using the UpsertRequest class. An upsert will create a new entity when there is no existing record that has the unique identifiers included in the entity passed with the request.

Box 4: No -

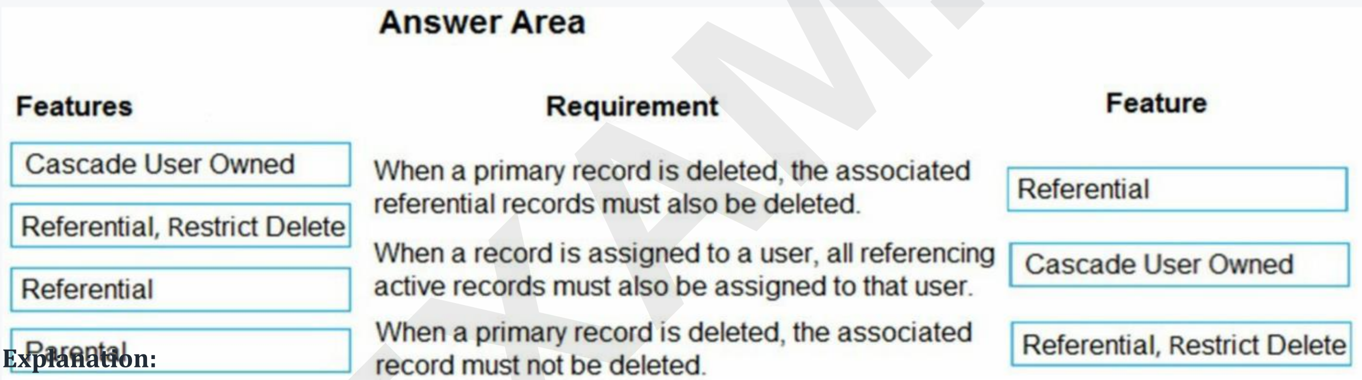
Reference:
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/web-service-error-codes
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/org-service/entity-oper ations-update-delete#use-upsert

Question: 56

DRAG DROP -
A company is creating a new system based on the Microsoft Dataverse.
You need to select the Dataverse features that meet the company's requirements.
Which features should you select? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may needs to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.
Select and Place:



Answer:



Explanation:

Box 1: Referential -

Active/ Cascade Active one-to-many entity relationship: Perform the action on all active referencing entity records associated with the referenced entity record.

Box 2: Cascade User Owned

Cascade User Owned: Perform the action on all referencing entity records owned by the same user as the referenced entity record.

Box 3: Referential, Restrict Delete

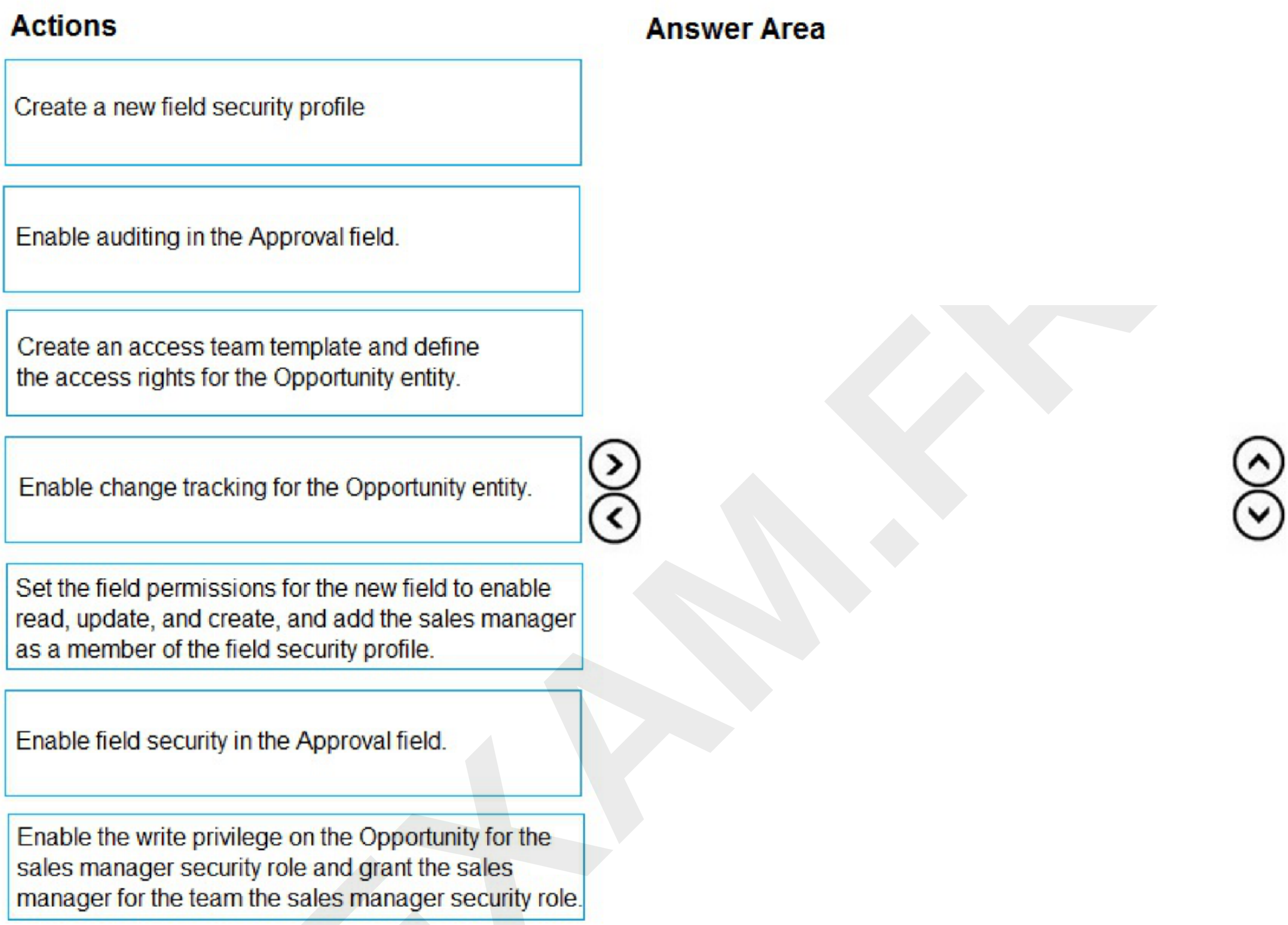
Restrict: Prevent the Referenced entity record from being deleted when referencing entities exist.

Reference:

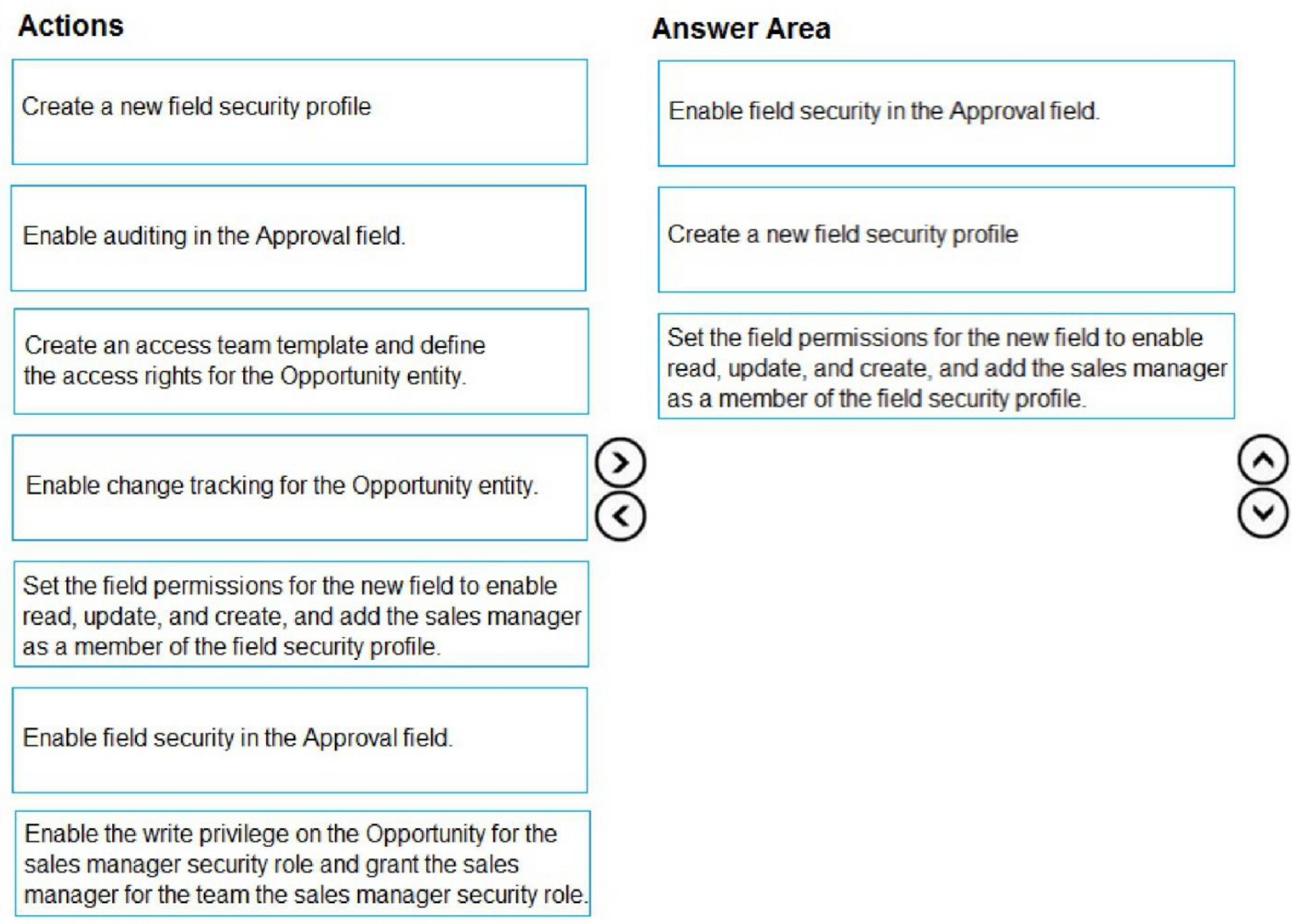
https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/configure-entity-relationship-cascading-behavior

Question: 57

DRAG DROP -
A company implements Dynamics 365 Sales.
Only sales managers must be able to perform the approval to move high value sales on in the opportunity qualification process. A new field must be created to capture the approval.
You need to create and secure the new field.
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.
Select and Place:



Answer:



Explanation:

Step 1: Enable field security in the Approval field.

1. Enable field security on one or more fields for a given entity.

2. Associate one more existing security profiles, or create one or more new security profiles to grant the appropriate access to specific users or teams (step 2 and step 3 below).

Step 2: Create a new field security profile.

Create a new field security profile for the sales manager.

Step 3: Set the field permissionssecurity profile

Step 2 and step 3, example:

Configure the security profiles.

1. Create the field security profile for sales managers.
2. Go to Settings > Security.
3. Click Field Security Profiles.
4. Click New, enter a name, such as Sales Manager access contact mobile phone, and click Save.
5. Click Users, click Add, select the users that you want to grant read access to the mobile phone number on the contact form, and then click Add.
6. Click Field Permissions, click mobilephone, click Edit, select Yes next to Allow Read, and then click OK.

Reference:

https://docs.microsoft.com/en-us/dynamics365/customerengagement/on-premises/admin/field-level-securit y

Question: 58

HOTSPOT -

A company delivers packages to businesses and consumers. A custom entity named Package captures the package details.

You need to add the following sets of fields to the entity and leverage the built-in operations of the platform:

➾ A set of fields to represent the package length, width, depth, and weight. The maximum value for any dimension is 100 centimeters.
➾ A set of fields for time-sensitive attributes to calculate the efficiency of a delivery. The calculation must be based on a delivery is entered in the system and the value for a custom field named Delivery time.
Which constructs should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Requirement	Construct
Calculate the efficiency of the delivery.	DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)
Select the data type for delivery that has additional transformations applied before the data is displayed.	Autonumber Phone number Customer Currency Duration

Answer:

Answer Area

Requirement	Construct
Calculate the efficiency of the delivery.	DIFFINMINUTES(Created On, Modified On) DIFFINMINUTES(Created On, Delivery Time) DIFFINHOURS(Created On, Modified On) DIFFINHOURS(Created On, Delivery Time)
Select the data type for delivery that has additional transformations applied before the data is displayed.	Autonumber Phone number Customer Currency Duration

Explanation:
Box 1: DIFFINMINUTES(Created on, Delivery Time)
DIFFINMINUTES (date and time, date and time) returns the difference in minutes between two Date and Time columns.

Box 2: Duration -
Duration - A number value presented as a drop-down list that contains time intervals. A user can select a value from the list or type an integer value that represents the number of minutes. The duration must be entered in the format: x minutes, x hours or x days. Hours and days can also be entered using decimals, for example, x.x hours or x.x days. The values entered must be expressible in minutes, sub-minute values will be rounded to the nearest minute.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/define-calculated-fields https://docs.microsoft.com/en-us/power-apps/maker/data-platform/create-edit-field-portal

Question: 59

A financial services company uses the Common Data Service (CDS) to develop solutions. The company uses development and production instances.
You need to move solutions from the development instance to the production instance.
What are two possible ways to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. In the development instance, make changes to the solutions that are deployed in the production instance, export the solutions as managed solutions, and import the managed solutions into the production instance.

B. In the development instance, highlight the solution you want to make changes to, select Clone a Patch, make changes, export the solution, and import the solution into the production instance.

C. Export all managed solutions from the development instance and import the solutions into the production instance.

D. In the production instance, import solutions with the same version number or higher when updating solutions.

Answer: AB

Explanation:
A: When you import a managed solution, all component changes will be brought into the environment in a published state.
B: You can apply patches to either managed or unmanaged solutions and include only changes to entities and related entity assets. Patches do not contain any non-customized system components or relationships that it dependents upon because these components already exist in the deployed-to organization. At some point in your development cycle, you can roll up all the patches into a new solution version to replace the original solution that the patches were created from.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/import-update-export-solutions https://docs.microsoft.com/en-us/power-platform/alm/create-patches-simplify-solution-updates

Question: 60

DRAG DROP -
A company uses Common Data Service (CDS) and manages their engineers using a model-driven app.
You create a new reusable custom component named Component1 by using the Power Apps component framework (PCF).
You need to package Component1 for deployment into the model-driven app.
Which three commands should you run in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
Select and Place:

Actions

npm run build

pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>

msbuild /t:build /restore

npm start

pac pcf init –namespace <*namespace*> --name <*control name*> - -template field

pac solution add-reference –path <*control path*>

npm install

Answer Area

Answer:

Actions

npm run build

pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>

msbuild /t:build /restore

npm start

pac pcf init –namespace <*namespace*> --name <*control name*> - -template field

pac solution add-reference –path <*control path*>

npm install

Answer Area

pac solution init-publisher-name <*publisher*> - - publisher prefix <*prefix*>

pac solution add-reference –path <*control path*>

msbuild /t:build /restore

Explanation:
Step 1: pac solution init --publisher-name <publisher> --publisher-prefix <prefix>
Create a new solutions project using the following command. The solution project is used for bundling the code component into a solution zip file that is used for importing into Dataverse. pac solution init --publisher-name developer --publisher-prefix dev
Step 2: pac solution add-reference --path <control-path>
Once the new solution project is created, refer the Solutions folder to the location where the created sample component is located. You can add the reference using the command shown below. This reference informs the solution project about which code components should be added during the build. You can add references to

multiple components in a single solution project. pac solution add-reference --path c:\downloads\mysamplecomponent
Step 3: msbuild /t:build /restore
To generate a zip file from the solution project, go into your solution project directory and build the project using the following command. This command uses
MSBuild to build the solution project by pulling down the NuGet dependencies as part of the restore. Use the /restore only for the first time when the solution project is built. For every build after that, you can run the command msbuild. msbuild /t:build /restore

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/component-framework/import-custom-controls

Question: 61

You are developing a model-driven app. The app uses data from two custom tables. The tables have a parent-child relationship. The parent record form contains a subgrid that displays the child records.
When creating a new child record from the parent form, data must automatically populate in the child record form to reduce data input errors.
You need to implement the solution.
What should you do?

A. Use a Power Automate flow to read data from the parent record and update the child record upon creation.
B. Map table columns from the parent record to the child record.
C. Create a business rule that sets the default values on the child record fields to values from the parent record.
D. Include a quick view form on the child record showing the data from the parent record.

Answer: B

Explanation:
A subgrid exists within a main form and let app users view data within a Dataverse table, typically related to the record currently being reviewed.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/sub-grid-properties-legacy

Question: 62

DRAG DROP -
A company has a Common Data Service (CDS) environment.
All accounts in the system with a relationship type of Customer set must have an account number. A plug-in has been developed.
When a Customer is updated with a relationship type, the plug-in sets the account number if not provided by the user.
You need to register the plug-in.
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.
Select and Place:

Actions

- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PostImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PreImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Step** and set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreValidation.
- In the Plug-in Registration tool, select **Register New Assembly**.
- In the Plug-in Registration tool, select **Register New Step**. Set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreOperation.

Answer area

Answer:

Actions

- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PostImage**, and ensure the accountnumber is included as a parameter.
- In the Plug-in Registration tool, select **Register New Step** and set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreValidation.

Answer area

- In the Plug-in Registration tool, select **Register New Assembly**.
- In the Plug-in Registration tool, select **Register New Step**. Set the Message to **Update**, Primary Entity to **Account**, and Event Pipeline Stage of PreOperation.
- In the Plug-in Registration tool, select **Register New Image**, change the Image type be a **PreImage**, and ensure the accountnumber is included as a parameter.

Explanation:

Step 1: In the Plug-in Registration tool, select Register New Assembly.

You use the Plug-in Registration tool (PRT) to register your plug-in assemblies and steps.

Registering an assembly is the process of uploading the assembly to the Dataverse database.

Step 2: In the Plug-in Registration tool, Select Register New Step,..PreOperation

PreOperation occurs before the main system operation and within the database transaction.

If you want to change any values for an entity included in the message, you should do it here.

Step 3: In the Plug-in Registration tool, Select Register New Image, change the Image type to be a PreImage, and..

If your plug-in step is registered in the PreValidation or PreOperation stages of the execution pipeline, you could use the Organization service to retrieve the current value of the property, but this is not a good practice for performance. A better practice is to define a pre-entity image with your plug-in step registration.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/register-plug-in

Question: 63

You are developing a Power Platform solution for a medical practice. You create a custom table named Doctors to record details about the doctors who work at the medical practice.

You must be able to attach a PDF copy of a doctor's medical license to the row for each doctor. You need to configure the table.

What should you do?

A. Create a Power Automate flow to add attachments.
B. Navigate to Table options and enable attachments.
C. Navigate to Column options and enable attachments.
D. Create relationships between the Doctor table and the Notes table.

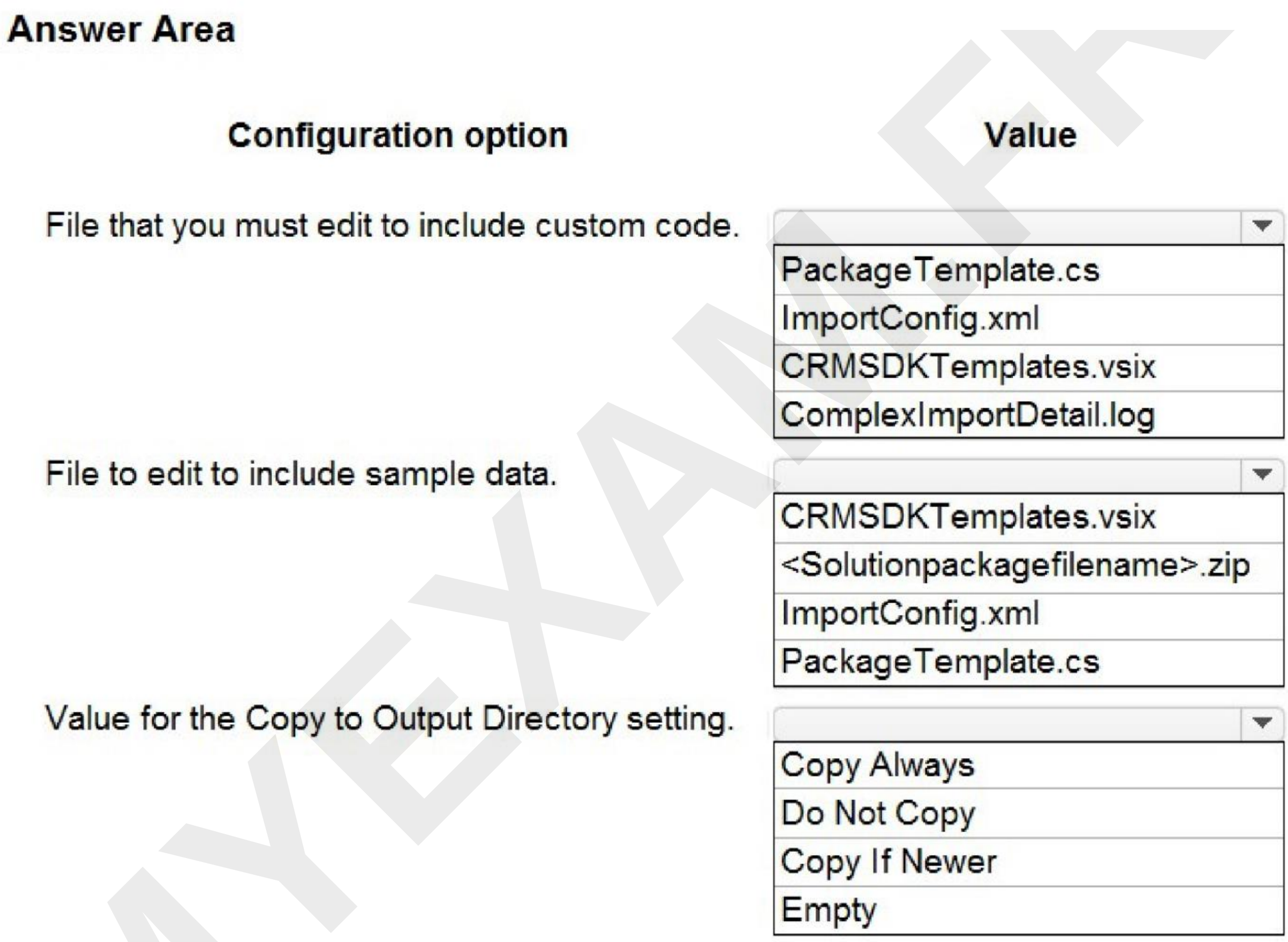
Answer: C

Explanation:
A file column is used for storing file data up to a specified maximum size. A custom or customizable table can have zero or more file columns plus a notes
(annotation) collection with zero to one attachment in each note.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/file-attributes

Question: 64

HOTSPOT -
You are creating a package for a Power Platform solution. The package will include custom code and sample data. The package must include all files that need to be installed.
You need to configure the package.
Which setting should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:



Answer:

Answer Area

Configuration option	Value
File that you must edit to include custom code.	PackageTemplate.cs / ImportConfig.xml / CRMSDKTemplates.vsix / ComplexImportDetail.log
File to edit to include sample data.	CRMSDKTemplates.vsix / <Solutionpackagefilename>.zip / ImportConfig.xml / PackageTemplate.cs
Value for the Copy to Output Directory setting.	Copy Always / Do Not Copy / Copy If Newer / Empty

Explanation:
Box 1: PackageTemplate.cs -
Define custom code for your package in the PackageTemplate.cs file.

Box 2: ImportConfig.xml -
The sample data and some flat files for solutions specified in the ImportConfig.xml file are imported before the solution import completes.

Box 3: Copy Always -
Set the Copy to Output Directory value to Copy Always. This ensures that your file is available in the generated package.

Reference:
https://docs.microsoft.com/en-us/power-platform/alm/package-deployer-tool

Question: 65

You plan to populate records in a Microsoft Dataverse entity containing an option set field. The source system has the label for the option set but not the corresponding integer value. You are using a non .NET programming language.
You need to find the integer value for the option set.
What should you do?

A. Use Web API and use a PicklistAttibuteMetadata request.

B. Use the Organization service and execute a RetrieveOptionSetRequest request.

C. Use Web API and use an InsertOptionValue action.

D. Use the Organization service and execute a RetrieveAttributeRequest request.

Answer: B

Explanation:
You can retrieve a global choice (option set) by name (label) using the RetrieveOptionSetRequest message.

Reference:
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/org-service/metadata-option-sets

Question: 66

A travel company has a Common Data Service (CDS) environment.
The company requires the following:
✑ Custom entities that track which regions clients have traveled. The dates their clients traveled to these regions.

You need to create the entities and relationships to meet the requirements.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Create a N:N relationship from Contact to the Region entity.

B. Create a 1:N relationship from the ContactRegion intersect entity and Region.

C. Create an intersect entity named ContactRegion and create 1:N relationships to Contact and Region.

D. On the main form for ContactRegion, add lookup fields for Contact and Region, and a date field for the visit date.

E. Create a 1:N relationship from Contact to the Region entity.

F. Create the Region entity.

G. On the main form for ContactRegion, add a sub-grid to view country information.

H. Create an intersect entity named ContactRegion and create N:1 relationships to Contact and Region.

Answer: CDF

Explanation:
Need a Region entity, a intersect entity ContactRegion between Contact and Region, and a way to input region visits.

Question: 67

HOTSPOT -
You are troubleshooting Power Apps solutions.
You need to determine the cause for the identified issues.
What is the root cause for each issue? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Issue	Reason
Solution checker completes a run and reports errors for one solution but completes without errors for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Answer:

Answer Area

Issue	Reason
Solution checker completes a run and reports errors for one solution but completes without errors for a different solution.	A canvas app in the first solution has errors. The Power Apps checker application user is disabled.
You encounter an error on line three of a web resource as shown below:	The code uses the following rule: web-avoid-eval The code uses the following rule: web-remove-debug-script The code uses the following rule: web-avoid-modals The code uses the following rule: web-use-strict-mode.

```
var acctnumber = formContext.getAttribute
("accountnumber").getValue();
if (acctnumber == 'abc')
```

Explanation:

Box 1: A canvas app in the first solution has errors.

Box 2: The code uses the following rule: web-use-strict-mode
web-use-strict-mode is able to throw a SyntaxError before the script is executing.

Example:
The reason is JavaScript lets you compare different variable types but this can have unexpected results, so by using the strict === it compares the same type and won't have unexpected results this gets a warning entity.field == "Line1"
Incorrect Answers:
web-avoid-eval: The eval() function evaluates JavaScript code represented as a string. web-avoid-modals: Avoid using modal dialogs. web-remove-debug-script: Avoid including debug script in non-development environments.

Reference:
https://docs.microsoft.com/en-us/powerapps/maker/common-data-service/common-issues-resolutions-soluti on-checker

Question: 68

A company uses Common Data Service rollup fields to calculate insurance exposure and risk profiles for customers.
Users report that the system does not update values for the rollup fields when new insurance policies are written.

You need to recalculate the value of the rollup fields immediately after a policy is created. What should you do?

A. Create new fields on the customer entity for insurance exposure and risk. Write a workflow process that is triggered when a new policy record is created to calculate the sum of values from policy records.

B. Update the Mass Calculate Rollup Field job to trigger when a new policy record is created.

C. Change the frequency of the Calculate Rollup Field recurring job from every hour to every five minutes.

D. Create a plug-in that uses the CalculateRollupFieldRequest method for the rollup field. Configure a step on the Create event for the policy entity for this plug-in.

Answer: D

Explanation:
In case you want to calculate Rollup field immediately whenever child record gets created, updated or deleted, you can write custom C# plugin or custom workflow activity and use SDK message CalculateRollupFieldRequest.

Incorrect:
Not B: Mass Calculate Rollup Field " This job is created per Rollup field and runs when you create or update Rollup field. By default, job runs in 12 hours after you create or update Rollup field. You can adjust start time of this job to make sure job runs during non-operational hours

Reference:
https://sachinbansal.blog/2018/05/07/dynamics-365-rollup-fields-important-points/

Question: 69

The communication department for a company plans to add a publicly accessible survey page to the company's public website.
You must add the new survey page to the company's public website and capture data from the page to a Microsoft Dataverse environment.
Explicit user credentials must not be required to write survey data to Dataverse.
You need to implement authentication.
Which authentication mechanism should you implement?

A. ADFS

B. Azure AD Conditional Access

C. Azure guest account

D. Client secret

Answer: B

Explanation:

Create an Azure AD Application: In the Azure portal, create an Azure AD application to represent the survey page.

Assign permissions to the application: Assign permissions to the application to allow it to access the Dataverse environment. This can be done by using the Dataverse Web API.

Generate an access token: Use the Azure AD application to generate an access token. This token can be used to authenticate the application and access the Dataverse environment.

Implement the authentication flow: Use the access token to authenticate the application and access the Dataverse environment. This can be done by using the Microsoft Authentication Library (MSAL) or the Azure AD Authentication Library (ADAL).

Question: 70

You are a Power App maker.
You are developing an app in a development environment. You create the following custom forms in the Account entity:
FormB contains a message that appears in the OnLoad function of the form.

FormC contains a message that appears in the OnSave function of the form.
You add the forms to a solution and export the solution as managed. Importing the managed solution into the test environment produces an error indicating the solution is missing a component.
You need to identify the issue.
What is the cause of the import error?

A. The web resources were not added to the form before adding the form to the solution.

B. The solution must be exported as an unmanaged solution.

C. The web resources were not added to the solution before exporting.

D. A copy of the form must be made before adding to the solution.

Answer: C

Explanation:
Symptoms.

When attempting to import a solution in Microsoft Dynamics 365, the import fails with the following message: The import of the solution [solution name] failed. The following components are missing in your system and are not included in the solution. Import the managed solutions that contain these components ([name of missing solution] ([solution version])) and then try importing the solution again.

Cause.

This error occurs if you are trying to import a solution that depends on other components that are not in your Microsoft Dynamics 365 organization.

Resolution -
Review the missing component details shown in the import dialog. If there are other solutions listed that are not already imported in the organization where you are trying to import this solution, import those solutions first before trying to import this solution.

Reference:
https://docs.microsoft.com/en-us/troubleshoot/dynamics-365/sales/import-of-solution-fails-due-to-missing-components

Question: 71

You are developing a model-driven app for a company.
The app must map child records to a parent record.
You need to use the column mapping feature to configure the app.
Which two actions can you perform? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Map the value of a Choices column on the child table to the value of a Choices column on the parent table.

B. Map the value of a column on the parent table that uses column values from the child table.

C. Map the value of columns on both the child table quick-create and main forms to the value for the same columns on the parent table.

D. Map the value of a single line of text column on the child table to the value of a currency column on the parent record.

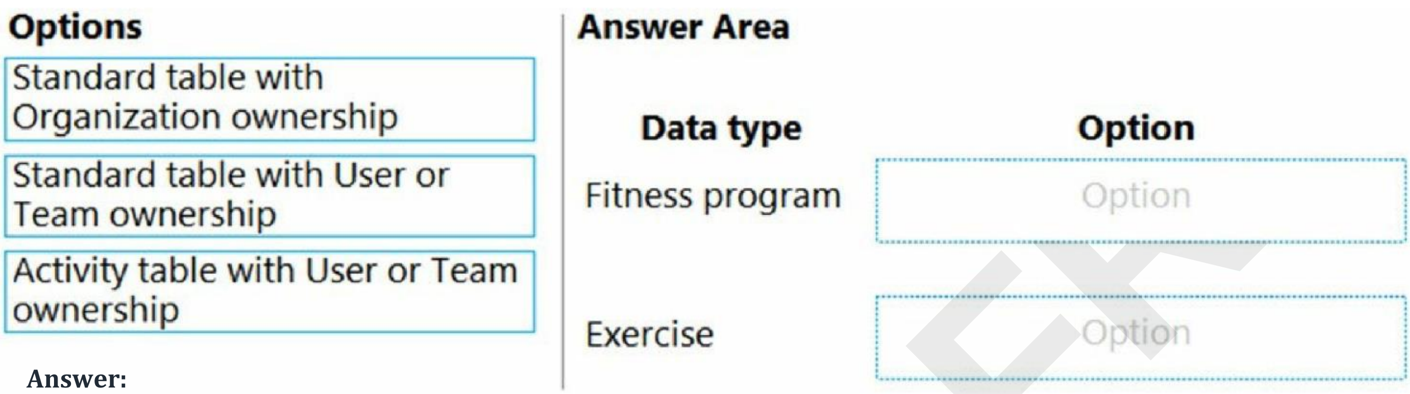
Answer: AC

Explanation:
Incorrect:
Not B: It is the opposite. The child table uses column values from the parent table.
Not D: The data types need to match. Both columns must be of the same type and the same format.

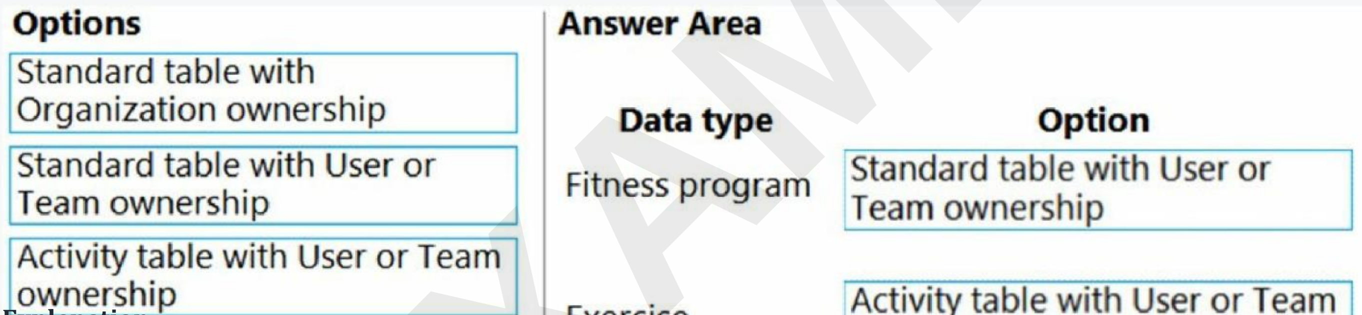
Reference:
https://docs.microsoft.com/en-us/power-apps/maker/data-platform/map-entity-fields

Question: 72

DRAG DROP -
You are creating a Power Platform solution for a fitness studio. Members of the studio will use the solution to track their progress towards fitness goals. Personal trainers create programs with different exercises to match a member's fitness level. Members can opt into a program to submit information about their progress with exercises suggested by a trainer.
Fitness programs and exercises have specific durations, prices, and dates.
You need to ensure that members can see all of the exercises that a trainer suggests in their calendars.
What should you use? To answer, drag the appropriate options to the data types. Each option 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.
Select and Place:



Answer:



Explanation:
Box 1: Standard table with User or Team ownership

Table ownership -
There are two different types of standard and custom table ownership. When you create a custom table the ownership options are User or team or Organization owned. Once a table is created, the ownership type can't be changed.
Organization - Data belongs to the organization. Access to the data is controlled at the organization level.
User or team - Data belongs to a user or a team. Actions that can be performed on these rows can be controlled on a user level.

Note: Tables appear in Power Apps as one of three different types, which indicate how the table came into the environment, whether the table is managed or unmanaged, and whether it can be customized.

* Standard: Several standard tables, also known as out-of-box tables, are included with a Power Platform environment, that includes Microsoft Dataverse.

Account, business unit, contact, task, and user tables are examples of standard tables in Dataverse. Most of the standard tables included with Dataverse can be customized. Tables that are imported as part of a managed solution and set as customizable also appear as standard tables. Any user with appropriate privileges can customize these tables where the table property has customizable set to true.

* Managed: Are tables that aren't customizable and have been imported into the environment as part of a managed solution.

* Custom: Custom tables are unmanaged tables that are either imported from an unmanaged solution or are new tables created directly in the environment. Any user with appropriate privileges can fully customize these tables.

Box 2: Activity table with User or Team ownership

Activity tables -

An activity can be thought of as any action for which an entry can be made on a calendar. An activity has time dimensions (start time, stop time, due date, and duration) that help determine when the action occurred or will occur. Activities also contain data that helps determine what action the activity represents, for example, subject and description. An activity can be opened, canceled, or completed. The completed status of an activity will have several sub-status values associated with it to clarify the way that the activity was completed.

Activity tables are a special kind of table that can only be owned by a user or team, but can't be owned by an organization. When you create a table, you can specify it as a standard or activity table.

Reference:

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/types-of-entities

Question: 73

DRAG DROP -

You have a Microsoft Power Platform solution that includes canvas apps and Power Automate cloud flows. The canvas apps and flows interact with a third-party content management system (CMS). You store the URL for the CMS version (development or production) in an environment variable.

You deploy the solution to a production environment. You observe that the environment variable references the development URL for the CMS. You update the

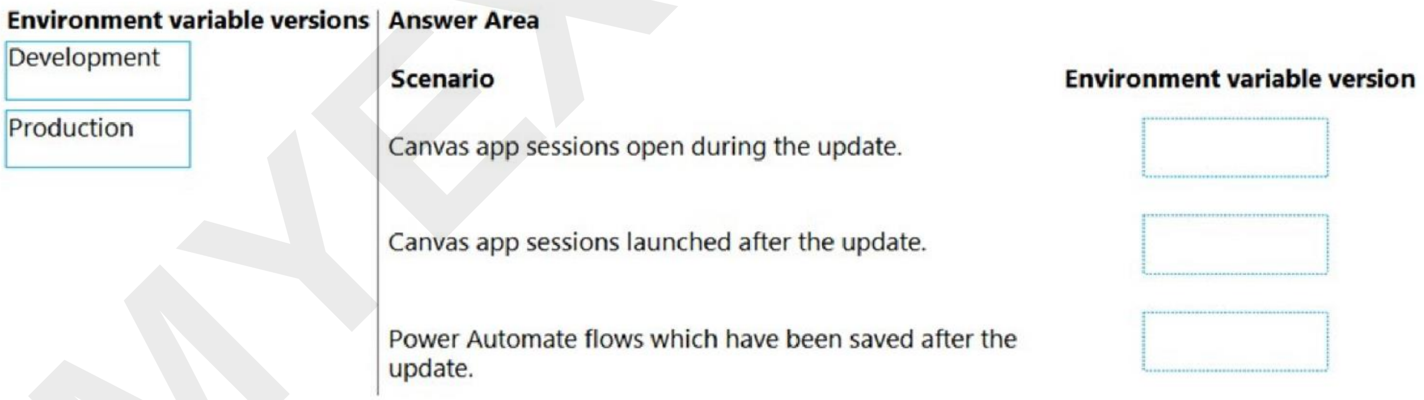
URL value of the variable directly in the production environment.

You need to assess which environment variable value will be used in the following scenarios.

Which versions of the environment variable will the solution use? To answer, drag the appropriate environment variable versions to the correct scenarios. Each environment variable version 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.

Select and Place:



Answer:

Environment variable versions

Development

Production

Answer Area

Scenario	Environment variable version
Canvas app sessions open during the update.	Development
Canvas app sessions launched after the update.	Production
Power Automate flows which have been saved after the update.	Production

Explanation:

Box 1: Development -

Box 2: Production -

Environment variables can be created and modified within the modern solution interface, automatically created when connecting to certain data sources in canvas apps, or by using code. They can also be imported to an environment via solutions. Once environment variables are present in an environment, they can be used as inputs when authoring canvas apps, Power Automate flows, when developing plug-ins, as well as many other places such as adding a Power BI dashboard to a model-driven app. When these types of objects use environment variables, the values are then derived from the environment variables and can be changed when solutions are imported to other environments.

Box 3: Production -

Environment variables can be used in solution cloud flows since they are available in the dynamic content selector. All types of environment variables can be used in triggers and actions.

Reference:

https://docs.microsoft.com/en-us/power-apps/maker/data-platform/environmentvariables

Question: 74

HOTSPOT

-

You are developing a canvas app for a healthcare center.

You need to create custom tables for the solution. You have the following requirements:

Requirement	Comment
Store information about doctors.	Store the name, location, license number, and a list of certifications for each doctor that works at the healthcare center.
Store information about prescription medications.	Reference prescription data from an external database.

You need to create the tables.

Which table type should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement	Table type
Store information about doctors.	Virtual Activity Standard
Store information about prescription medications.	Virtual Activity Standard

Answer:

Answer Area

Requirement	Table type
Store information about doctors.	Virtual Activity Standard
Store information about prescription medications.	Virtual Activity Standard

Question: 75

You are mapping data from an enterprise resource planning (ERP) system to Microsoft Dataverse.

You must reference the Name and Email from the ERP system during mapping to ensure that records are unique. You need to create an alternate key that references the Name and Email columns.

How should you create the key?

A. Add a Power Apps command function.
B. Use Power Fx.
C. Add column to the Account table in Dataverse.
D. Create a key in the Account table in Dataverse.

Answer: D

Explanation:

Create a key in the Account table in Dataverse is a correct answer.

Question: 76

You develop a model-driven app to include a form containing several columns. Two groups of users. named Group1 and Group2 will access the form.

A column contains sensitive data that should not be read by Group2. Group1 must be able to access the column.

You need to prevent Group2 users from viewing the sensitive data.

What should you do?

A. Create a security role for users in Group1 to grant users access to the column.

B. Create multiple forms. Assign a form containing the sensitive data to Group1. Assign a form that does not contain the sensitive data to Group2.

C. Use JavaScript to set visibility of the column based on the group of the current user.

D. Create a field-level security profile for Group1 users to grant the users access to the column.

Answer: D

Explanation:

Create a field-level security profile for Group1 users to grant the users access to the column is a correct answer.

Question: 77

HOTSPOT

-

A company deploys a set of automation processes. A process generates errors. A portion of the error log is displayed below.

```
{// Inputs
    "host": {
        "connectionReferenceName": "shared_teams",
        "operationId": "PostMessageToConversation"
    },
    "parameters": {
        "poster": "User",
        "location": "Channel",
        "body/recipient/groupId": "94c4b0ec-4aec-4492-8be7-cd2a33a8bd12",
        "body/recipient/channelId": "19:8a2b6144177043ab860e66d6ab528535@thread.tacv2",
        "body/messageBody": "<p>personal discount is 16<br>\n<br>\n<br>\n</p>",
        "body/subject": "Group discount = 18"
    }
}

{// Outputs
    "statusCode": 404,
        "headers": {
    . . .
    },
    "error": {
        "code": "NotFound",
        "message": "Not Found",
        "innerError": {
          "date": "2021-01-27T22:46:43",
           "request-id": "a9b6e4ba-3e7e-404f-af30-3d3fdc41ec08",
           "client-request-id": "a9b6e4ba-3e7e-404f-af30-3d3fdc41ec08"
        }
    }
}
```


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

Statements	Yes	No
The error is generated by a flow action.	○	○
The code represents an authentication error.	○	○
The code does not declare a Team ID.	○	○

Answer:

Answer Area

Statements	Yes	No
The error is generated by a flow action.	○	○
The code represents an authentication error.	○	○
The code does not declare a Team ID.	○	○

Explanation:

no

no

yes

Question: 78

HOTSPOT

-

The following code updates the customersizecode choice column on the Account table if the numberofemployees column value is greater than 100.

Line numbering is provided for information only.

```
01  static void UpdateAccount(CrmServiceClient svc, string accountId)
02  {
03      using (svc)
04      {
05          var account = svc.Retrieve("account", accountId, new ColumnSet(true));
06
07          var numberofemployees = account.GetAttributeValue<int>("numberofemployees");
08          if (numberofemployees > 100)
09          {
10              account["customersizecode"] = new OptionSetValue(2);
11              svc.Update(account);
12          }
13      }
14  }
```

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
Does the Retrieve method use the correct parameters?	○	○
Will a plug-in triggered on the update of the numberofemployees column execute after the Update method is executed?	○	○
Will an exception be thrown if the value for numberofemployees is null?	○	○

Answer:

Answer Area

Statement	Yes	No
Does the Retrieve method use the correct parameters?	○	**○**
Will a plug-in triggered on the update of the numberofemployees column execute after the Update method is executed?	○	**○**
Will an exception be thrown if the value for numberofemployees is null?	○	**○**

Explanation:

Box 1 : No

https://learn.microsoft.com/en-us/power-apps/developer/data-platform/org-service/entity-operations-retrieve

Box 2: No

A plugin on update will trigger only if filter attributes are not used which is not best practice. Also using Retrieve with ColumnSet(True) is not best practice, however the parameters are correct.

Box 3: No

https://learn.microsoft.com/en-us/dotnet/api/microsoft.xrm.sdk.entity.getattributevalue?view=dataverse-sdk-latest

Question: 79

You are developing a Power Apps app to manage records in the Account table in Microsoft Dataverse.

You must configure a Web API request to retrieve changes from the table.

You need to configure the preference header for the API request.

What should you include in the request header?

A. odata.nextLink
B. odata.context
C. odata.deltaLink

Answer: C

Explanation:

odata.deltaLink is a correct answer.

Question: 80

You enable change tracking on the Account table in Microsoft Dataverse.

You plan to use the Organization Service to retrieve the delta data by using C#.

You need to determine which message to use.

What should you use?

A. RetrieveAttributeRequest
B. odata.track-changes
C. RetrieveEntityChangesRequest
D. UpdateEntityRequest

E. UpdateRequest

Answer: B

Explanation:

odata.track-changes is a correct answer.