Vendor: Microsoft

Exam Code:PL-600

Exam Name: Microsoft Power Platform Solution
Architect

Version: Demo

QUESTION 1

You need to resolve the issue reported during testing. What should you do?

A. Create an image data type within the Inspection Order table.

B. Create a relationship within the Inspection Order table to the originating inspection order.

C. Create a Quick View form for the inspection order.

Correct Answer: A

Need to store the image in the table.

Scenario: The company uses photos of employees to generate employee badges. Photos are uploaded into Microsoft 365 user profiles.

QUESTION 2

You are designing a database table for a client. You have the following requirements:

1.

 Maintain a comprehensive list of colors and their corresponding RGB values and hexadecimal values.

2.

 Prevent the addition of duplicate colors based on the hexadecimal value for the color.

You need to recommend a design for the table.

Which two actions should the client perform after the table is created? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Mark the hex value column as business required.

B. Configure and schedule a recurring bulk record deletion job.

C. Create alternate keys for the table.

D. Mark the RGB value column as business required.

Correct Answer: BC

B: Setting a column to Business Required means that the default behavior of a model-driven or canvas app will enforce this requirement in the app.

C: With alternate keys you can now define a column in a Dataverse table to correspond to a unique identifier (or unique combination of columns) used by the external data store. This alternate key can be used to uniquely identify a record in Dataverse in place of the primary key. You must be able to define which columns represent a unique identity for your records. Once you identify the columns that are unique to the table, you can declare them as alternate keys through the

customization user interface (UI) or in the code.

Reference: https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-field-portal
https://docs.microsoft.com/en-us/powerapps/developer/data-platform/define-alternate-keys-entity

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QUESTION 3

HOTSPOT

A company plans to deploy multiple Microsoft Dataverse environments. You are supporting the go-live process.

The company reports the following access issues:

1.

Users can access account records but cannot read a column in the table.

2.

A licensed user receives an insufficient permission error when opening leads.

3.

A licensed user does not appear in the list of users available for security assignment.

You need to resolve the issues.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point. Hot Area:

Answer Area

Issue	Solution
Users often encounter a character limit when entering data.	Define a data mask.
	Define and implement duplicate detection rules.
	Define the data type and format for each column.
The database includes multiple instances of some records.	Define requirements for data entry.
	Define and implement duplicate detection rules.
	Define the data type and format for each column.

Correct Answer:

Answer Area

Requirement	Configuration
Allow only the human resource manager to change an employee's employment status when an employee is dismissed.	▼ Team access Privacy preference Field security profile Hierarchy security profile
Allow only approved device types to access the solution and company data.	▼ Endpoint security Compliancy policy Conditional access Mobile threat integration

References: https://docs.microsoft.com/en-us/powerapps/developer/data-platform/field-security-entities

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QUESTION 4

HOTSPOT

You need to design a Power Platform solution that meets the following requirements:

1.

Capture data from a row during deletion to be used in an automated process.

2.

Use AI to process forms and automate data entry from paper-based forms.

Which requirements can be met by using out-of-the box Power Platform components?

Instructions: 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:

Categories

Functional

Non-functional

Answer Area

Requirement	Category
Retail employees must use the application on a company-provided tablet device.	
The app must store data offline.	
Environment capacity must be monitored to ensure usage stays within 80 percent of available capacity.	
Apps are shared with security group teams for users to access.	

Correct Answer:

Categories

Functional

Non-functional

Answer Area

Requirement	Category
Retail employees must use the application on a company-provided tablet device.	Functional
The app must store data offline.	Functional
Environment capacity must be monitored to ensure usage stays within 80 percent of available capacity.	Non-functional
Apps are shared with security group teams for users to access.	Non-functional

Box 1: Yes

This can be done with Dataverse flows: The When a row is added, modified or deleted trigger runs a flow whenever a row of a selected table and scope changes or is created.

Box 2: Yes

AI Builder is a Microsoft Power Platform capability that provides AI models that are designed to optimize your business processes. AI Builder enables your business to use AI to automate processes and glean insights from your data in Power

Apps and Power Automate.

Reference:

https://docs.microsoft.com/en-us/power-automate/dataverse/create-update-delete-trigger

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QUESTION 5

DRAG DROP

You need to propose a solution for form requirements.

What should you recommend? To answer, drag the appropriate solutions to the correct requirements. Each solution

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.

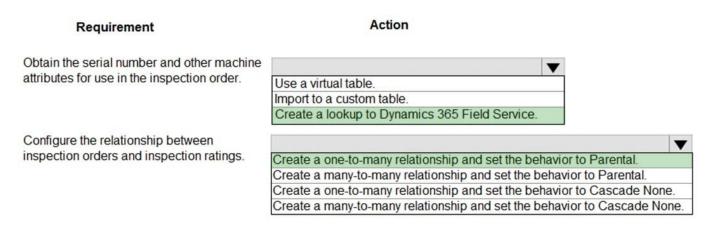NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Requirement	Action
Obtain the serial number and other machine attributes for use in the inspection order.	▼
	Use a virtual table.
	Import to a custom table.
	Create a lookup to Dynamics 365 Field Service.
Configure the relationship between inspection orders and inspection ratings.	▼
	Create a one-to-many relationship and set the behavior to Parental.
	Create a many-to-many relationship and set the behavior to Parental.
	Create a one-to-many relationship and set the behavior to Cascade None.
	Create a many-to-many relationship and set the behavior to Cascade None.

Correct Answer:

Answer Area

Requirement	Action
Obtain the serial number and other machine attributes for use in the inspection order.	▼
	Use a virtual table.
	Import to a custom table.
	Create a lookup to Dynamics 365 Field Service.
Configure the relationship between inspection orders and inspection ratings.	▼
	Create a one-to-many relationship and set the behavior to Parental.
	Create a many-to-many relationship and set the behavior to Parental.
	Create a one-to-many relationship and set the behavior to Cascade None.
	Create a many-to-many relationship and set the behavior to Cascade None.

Box 1: Field controls

You must standardize the format used by agents to enter customer phone numbers.

Box 2: Workflow

Log issues as cases. The case form must show variable sections based on the case type.

QUESTION 6

A company plans to automate the expense approval process.

Users currently enter data into an on-premises SQL Server database.

You need to allow users to submit expenses from mobile devices.

Solution: Create a canvas app for expense data entry. Create a custom connector. Create a cloud flow for approval and use the custom connector to add data to the SQL Server database.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

Explanation:

Need an on-premises data gateway.

Correct solution: Create a canvas app for expense data entry. Install an on-premises gateway. Create a cloud flow for approval and to add data to the SQL Server database.

The on-premises data gateway acts as a bridge. It provides quick and secure data transfer between on-premises data, which is data that isn\\'t in the cloud, and several Microsoft cloud services. These services include Power BI, Power Apps,

Power Automate, Azure Analysis Services, and Azure Logic Apps.

Power Automate is a service that you can use to automate repetitive tasks to bring efficiencies to any organizations. You can create cloud flows, desktop flows, or business process flows.

Reference:

https://learn.microsoft.com/en-us/data-integration/gateway/service-gateway-onprem

https://learn.microsoft.com/en-us/power-automate/flow-types

QUESTION 7

A company uses a Microsoft Excel sheet to manage its loan application process.

The company wants to optimize the process.

You need to discover inefficiencies in the process.

Solution: Upload the activity data stored in the Excel sheet to the process advisor feature. Use task mining to discover inefficiencies in the process.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

Explanation:

We need to record the actions as well.

Correct solution: Record the actions required to complete the loan application process in the process advisor feature. Use task mining to discover inefficiencies in the process.

Note:

Task mining is a technology that enables organizations to capture detailed steps for tasks performed on users\' desktops, either independently or collaboratively with colleagues.

By analyzing recorded user actions, task mining allows organizations to gain insights into how they perform tasks, identify common mistakes made during task performance, and pinpoint tasks that can be automated, all of which can help

optimize their business processes.

Task mining is a powerful tool for streamlining workflows, identifying inefficiencies and bottlenecks in workflows, reducing costs, and fostering a culture of continuous improvement where employees are encouraged to optimize their work

processes.

Reference:

https://learn.microsoft.com/en-us/power-automate/task-mining-overview

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QUESTION 8

HOTSPOT

An animal welfare organization wants to track the movement of wolf packs in a region. Cameras at specific locations capture images when motion is detected within the camera sensor range. Staff upload the images manually to a shared drive and then analyze the images.

The organization wants to automate image capture and analysis. The organization has the following requirements:

1.

Save captured images in an appropriate location.

2.

Analyze saved images by using an image recognition process.

3.

Display data in real-time dashboards.

You need to recommend the correct technology for the requirements.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Categories

Functional

Non-functional

Answer Area

Requirement	Category
The app must automatically send a confirmation email to a customer when they place an order.	
Credit card numbers must be encrypted.	

Correct Answer:

Categories

Answer Area

Requirement	Category
The app must automatically send a confirmation email to a customer when they place an order.	Functional
Credit card numbers must be encrypted.	Non-functional

Box 1: Automated cloud flow.

Create a cloud flow when you want your automation to be triggered either automatically, instantly, or via a schedule.

Automated flows: Create an automation that is triggered by an event such as arrival of an email from a specific person, or a mention of your company in social media.

Incorrect Answers:

1.

Business process flows provide a guide for people to get work done.

2.

Desktop flows are used to automate tasks on the Web or the desktop.

3.

Instant flows: Start an automation with a click of a button. Wide range of tasks such as requesting an approval, an action in Teams or SharePoint.

Box 2: Desktop flow and AI Builder Desktop flows are used to automate tasks on the Web or the desktop. Using Power Automate Desktop you can automate tasks on the desktop as well as the Web. Box 3: Model-driven app dashboard with Power BI

The Power BI cloud service works with Microsoft Dataverse apps to provide a self-service analytics solution. Power BI automatically refreshes the app\\'s data displayed.

Reference: https://docs.microsoft.com/en-us/power-automate/flow-types https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/use-power-bi

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QUESTION 9

HOTSPOT

You are designing a Power Platform solution for a company.

You have the following requirements:

1.

Users in the human resources department must be able to create tasks.

2.

Users in the human resources department must be able to assign cases to other users.

You need to recommend security settings to the company.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Components

Cloud flow

Business process flow

Robotic process automation

Answer Area

Requirement	Component
Interact with applications that do not have an API.	
Guide users through business steps in a specific order.	
Interact with applications that have an API.	

Correct Answer:

Components

Answer Area

Requirement	Component
Interact with applications that do not have an API.	Robotic process automation
Guide users through business steps in a specific order.	Business process flow
Interact with applications that have an API.	Cloud flow

Box 1: Assign only Create rights to activities

You require the same set of Dataverse privileges and access rights to work with custom activities as those required to work with custom entities.

Task-based privileges, at the bottom of the form, give a user privileges to perform specific tasks, such as publish articles.

Box 2: Assign User-level assign rights to human resources case table.

Record-level privileges define which tasks a user with access to the record can do, such as Read, Create, Delete, Write, Assign, Share, Append, and Append To.

For user and team owned records, the access level choices for most privileges are tiered Organization, Business Unit, Business Unit and Child Business Unit or only the user\'s own records. That means for read privilege on contact, I could set

user owned, and the user would only see their own records.

Incorrect Answers:

For security purposes, records that are organization owned, the only access level choices is either the user can do the operation or can\'t.

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

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

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QUESTION 10

You need to recommend technology for accessing historical job placement data. What should you recommend?

A. Power Virtual Agents chatbots

B. Virtual tables

C. Power BI

D. Power Automate flows

Correct Answer: B

A virtual table is a custom table in Microsoft Dataverse that has columns containing data from an external data source. Virtual tables appear in your app to users as regular table rows, but contain data that is sourced from an external

database, such as an Azure SQL Database. Rows based on virtual tables are available in all clients including custom clients developed using the Dataverse web services.

Scenario:

First Up uses an on-premises system to manage current and historical patient data including medications and medical visits.

The company plans to reference historical data in the existing system. The records held in these systems will not be migrated to the new solution except for medication information.

The solution must provide a worker appointment booking system that can access worker historical job placement data.

First Up staff members must be able to view and update worker records. They must be able to see current and historical job placement data on the same form in the new solution.

Reference:

https://docs.microsoft.com/en-us/powerapps/maker/data-platform/create-edit-virtual-entities

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QUESTION 11

HOTSPOT

A company has an on-premises data warehouse and analytics solution. The data warehouse consists of multiple multi-dimensional data cubes representing over five years of operational data. The data warehouse consolidates and normalizes data that is sourced from 20 different systems. The company plans to replace the existing solution with a Microsoft Power Platform solution that connects to the data warehouse. The company wants to provide analytical information to executives in a Microsoft Teams channel to support

business planning.

The new solution must meet these requirements:

1.

Support the current data warehouse.

2.

The solution must support drill-through capabilities into the data.

3.

Retain at least seven years of historical data.

You need to recommend a solution.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Goal	Suggested solution
Divisions actively collaborate on customers.	▼
	Single instance; use Microsoft Azure Traffic Manager where needed
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance
Regions have separate customers but use the same functionality and need global reporting.	▼
	Multiple instances in different regions with data replication
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance
Regions have separate functionality and customers but need global reporting on data.	▼
	Single instance; use Microsoft Azure Traffic Manager
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance

Correct Answer:

Answer Area

Goal	Suggested solution
Divisions actively collaborate on customers.	▼
	Single instance; use Microsoft Azure Traffic Manager where needed
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance
Regions have separate customers but use the same functionality and need global reporting.	▼
	Multiple instances in different regions with data replication
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance
Regions have separate functionality and customers but need global reporting on data.	▼
	Single instance; use Microsoft Azure Traffic Manager
	Multi-tenant with one Power Platform environment in each region
	Multiple instances in different regions; Power BI for reporting
	Single multi-geo instance

Box 1: Azure Data Lake

A data warehouse is a centralized repository of integrated data from one or more disparate sources. Data warehouses store current and historical data and are used for reporting and analysis of the data.

Incorrect Answers:

Dataverse is not a database.

Box 2: Microsoft Teams integration object

You can use the Teams integration object to easily find and access the Teams integration features and use the improved usability of expressions while integrating your canvas app with Teams.

You can get a Teams theme inside a canvas app, and you can filter data depending on the team or channel context.

Reference:

https://docs.microsoft.com/en-us/azure/architecture/data-guide/relational-data/data-warehousing

https://docs.microsoft.com/en-us/powerapps/teams/use-teams-integration-object

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QUESTION 12

DRAG DROP

You are designing a business strategy for a client who has a Power Platform solution.

The client works with critical data where any data loss creates a high risk.

You need to document the failover process for the stakeholders.

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.

Select and Place:

Actions

| If the second call is successful, the application continues normally. |

| The application makes a service call to the datacenter. |

| The application receives an exception after attempting the service call. |

| The application automatically tries the call again. |

| The application redirects calls to an on-premises server. |

Answer Area

Correct Answer:

Actions

The application automatically tries
the call again.

Answer Area

The application makes a service call
to the datacenter.

The application receives an exception
after attempting the service call.

The application redirects calls to
an on-premises server.

If the second call is successful,
the application continues normally.