PL-900 Microsoft Power Platform Fundamentals
Sample Questions

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User Guide

These sample questions are intended to provide an overview of the style, wording, and difficulty of the questions that you are likely to experience on this exam. These questions are **not** the same as what you will see on the exam nor is this document illustrative of the length of the exam or its complexity (e.g., you may see additional question types, multiple case studies, and possibly labs). These questions are **examples** only to provide insight into what to expect on the exam and help you determine if additional preparation is required.

In the first section, you will find the questions without answers so that you can test your knowledge. In the second section, the answer, a rationale, and a URL that will link you to additional information is provided immediately below each question.

Contents

Questions

Question # 1 (Matching)

Match the technologies on the left to the correct benefits on the right.

Technologies	Descriptions
A. Power BI	____ 1. Ask questions about your data using natural language.
B. Power Apps	____ 2. Create easy-to-use apps that match your company branding.
C. Power Automate	____ 3. Remove the administrative burden of repetitive tasks.

Question # 2 (Sentence completion)

Select the answer that correctly completes the sentence.

Microsoft Power Platform solutions can detect faces in images by using _____.

A. Power BI

B. Azure Bot Service

C. Azure Cognitive Services

D. Azure Active Directory

Question # 3 (Matching)

Match the portal types on the left to the correct descriptions on the right.

Portal types	Descriptions
A. Power Apps maker portal	____ 1. Configure data policies.
B. Microsoft 365 admin center	____ 2. Assign Power Apps licenses to users.
C. Microsoft Power Platform admin center	____ 3. Find resources to manage compliance with data privacy regulations.
D. Trust center	____ 4. Create a canvas app.

Question # 4 (Sentence completion)

Select the answer that correctly completes the sentence.

You need to create an app that can hide columns on forms that use business rules. You should create a _____.

A. canvas app
B. model-driven app
C. portal app
D. power Automate cloud flow
E. power BI report

Question # 5 (Multiple choice)

You are building a Power Automate cloud flow.

You need to access data in a third-party application that has a REST API. There is no connector available.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Apply a data policy.
B. Create a custom connector.
C. Run Postman.
D. Use the HTTP connector.

Question # 6 (Multiple choice)

Which two Microsoft Power Platform components can use AI Builder models? Each correct answer presents a complete solution.

A. Canvas apps
B. Model-driven apps
C. Portal apps
D. Power Automate cloud flows

Question # 7 (Sentence completion)

Select the answer that correctly completes the sentence.

To create a dashboard, you need to use _____.

A. Power BI Service
B. Power BI Desktop
C. Power BI Mobile

Question # 8 (Multiple choice)

Which Power Query transformation function allows you to unpivot rows from a Microsoft Excel data source?

    A. Reverse rows
    B. Transpose
    C. Count rows

Question # 9 (Sentence completion)

Select the answer that correctly completes the sentence.

To collaborate with colleagues to build Power BI reports and dashboards you should _____.

    A. create a template app
    B. share a dashboard
    C. share a dataset
    D. share a workspace

Question # 10 (Matching)

Match the app types on the left to the correct descriptions on the right.

App types	Descriptions
A. Portal	____ 1. Allow anonymous users to interact with data stored in Microsoft Dataverse.
B. Canvas	____ 2. Connect to multiple data sources.
C. Model-driven	____ 3. Use business process flows to guide the user.

Question # 11 (Sentence completion)

Select the answer that correctly completes the sentence.

You create a canvas app.

To allow users to share the app with others, you should grant the _____ permission to the users.

    A. User
    B. Co-owner
    C. Contributor
    D. Environment maker

Question # 12 (Multiple choice)

Which control should you use to display multiple rows from a SharePoint list in a canvas app?

    A. Data card
    B. Form
    C. Gallery
    D. Label

Question # 13 (Matching)

Match the Power Apps portal templates on the left to the correct descriptions on the right.

Power Apps portal templates	Descriptions
A. Partner	_____ 1. Enable peer-to-peer collaboration including forums and blogs.
B. Community	_____ 2. Allow external companies to collaborate on sales opportunities.
C. Employee self-service	_____ 3. Allow internal users to submit cases and access knowledge articles.

Question # 14 (Sentence completion)

Select the answer that correctly completes the sentence.

You need to create an object that only contains data from a single table. You should create a _____.

    A. personal chart
    B. main form
    C. classic workflow
    D. public view

Question # 15 (Matching)

You are creating Power Automate cloud flows to manage expense handling for a company.

Match the connectors on the left to the descriptions on the right.

Connectors	Descriptions
A. Control	_____ 1. Wait three days after requesting expense approval.
B. Approvals	_____ 2. Total all expenses for the current month.
C. Schedule	_____ 3. Send an email to expense approvers to review total expenses.
D. Data operation	_____ 4. Create a list of expense approvers.

Question # 16 (Matching)

Match the Power Automate flow types on the left to the correct use cases on the right.

Flow types
A. Button
B. Desktop
C. Scheduled
D. Business process

Use cases
_____ 1. Send an email to your boss when you are going to be late to the office with one click.
_____ 2. Create a guided experience to train new model-driven app users.
_____ 3. Automate entering data into a legacy system that does not provide an API.
_____ 4. Check the weather forecast every night for rain the next day and notify users attending outdoor events by using email.

Question # 17 (Multiple choice)

You create an instant flow by using a Power Apps trigger. The flow sends an email to your team members once you have completed a task.

How can you trigger the flow to run?

A. Attach the flow to a button in a canvas app and then select the button.
B. Select the button from the Buttons tab of the Power Automate mobile app.
C. Update the status of a task in the app.

Question # 18 (Multiple choice)

You are creating a Power Automate flow by using a template.

Which symbol indicates that you have a valid connection that is ready for use?

A. Green check mark
B. Sign-in link
C. Red check mark
D. Yellow timer symbol

Question # 19 (Multiple choice)

You are creating a Power Virtual Agents chatbot.

You need to add trigger phrases to the chatbot.

Where can you configure the trigger phrases?

A. Authoring canvas
B. Entities
C. Message node
D. Topic

Question # 20 (Multiple choice)

For which three items must you specify a value when you create a new chatbot? Each correct answer presents part of the solution.

A. Name
B. Language
C. Region
D. Environment
E. Topic

Questions and Answers

Question # 1 (Matching)

Match the technologies on the left to the correct benefits on the right.

Technologies	Descriptions
A. Power BI B. Power Apps C. Power Automate	____ 1. Ask questions about your data using natural language. ____ 2. Create easy-to-use apps that match your company branding. ____ 3. Remove the administrative burden of repetitive tasks.

Answer:	Power BI (A) matches description 1: Ask questions about your data using natural language. Power Apps (B) matches description 2: Create easy-to-use apps that match your company branding. Power Automate (C) matches description 3: Remove the administrative burden of repetitive tasks.
Objective:	1.1 Describe the business value of Power Platform services
Rationale:	Power BI includes the Q&A feature that allows users to query their data by using natural language. Power Apps users can quickly create apps that can include company branding. Power Automate allows users to automate processes with manual effort.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-bi/2a-data-modeling-visualizations https://docs.microsoft.com/learn/modules/introduction-power-apps/2-what-is-power-apps https://docs.microsoft.com/learn/modules/introduction-power-automate/2-what-power-automate-value-brings-you

Question # 2 (Sentence completion)

Select the answer that correctly completes the sentence.

Microsoft Power Platform solutions can detect faces in images by using _____.

A. Power BI
B. Azure Bot Service
C. Azure Cognitive Services
D. Azure Active Directory

Answer:	B. Azure Cognitive Services
Objective:	Exam objective number and text
Rationale:	Azure Face service is an Azure Cognitive Services offering. Azure AD is an identity management service. Bot Service allows bot development. Power BI is a data analytics application.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-platform/3-data-connectors

Question # 3 (Matching)

Match the portal types on the left to the correct descriptions on the right.

Portal types	Descriptions
A. Power Apps maker portal B. Microsoft 365 admin center C. Microsoft Power Platform admin center D. Trust center	_____ 1. Configure data policies. _____ 2. Assign Power Apps licenses to users. _____ 3. Find resources to manage compliance with data privacy regulations. _____ 4. Create a canvas app.

Answer:	Microsoft Power Platform admin center (C) matches description 1: Configure data policies. Microsoft 365 admin center (B) matches description 2: Assign Power Apps licenses to users. Trust center (D) matches description 3: Find resources to manage compliance with data privacy regulations. Power Apps maker portal (A) matches description 4: Create a canvas app.
Objective:	1.3. Describe Power Platform administration and security
Rationale:	You can create and manage data policies by using the Power Platform admin center. These policies can restrict the use of connectors in Power Apps and Power Automate. You can use the Microsoft 365 admin center to manage users and to assign licenses to users. You can use the Power Apps maker portal to create and manage Power Apps apps. The Trust Center is a Microsoft website that contains information on how Microsoft handles privacy and compliance with regional and national regulations.
URL:	https://docs.microsoft.com/learn/modules/introduction-common-data-service/7-administer https://docs.microsoft.com/learn/modules/introduction-power-platform/3a-data-loss-prevention-compliance-privacy-accessibility

Question # 4 (Sentence completion)

Select the answer that correctly completes the sentence.

You need to create an app that can hide columns on forms that use business rules. You should create a _____.

- A. canvas app
- B. model-driven app
- C. portal app
- D. power Automate cloud flow
- E. power BI report

Answer:	B. Model-driven app
Objective:	2.1. Describe Microsoft Dataverse
Rationale:	Only model-driven apps can use business rules to amend the display of columns on forms.
URL:	https://docs.microsoft.com/learn/modules/introduction-common-data-service/6-business-rules

Question # 5 (Multiple choice)

You are building a Power Automate cloud flow.

You need to access data in a third-party application that has a REST API. There is no connector available.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Apply a data policy.
- B. Create a custom connector.
- C. Run Postman.
- D. Use the HTTP connector.

Answer:	B. Create a custom connector. D. Use the HTTP connector.
Objective:	2.2. Describe Connectors
Rationale:	Power Automate can access publicly available APIs either by using a custom connector or by using the HTTP connector to issue a GET or a PUT command. Data policies block the use of connectors including custom connectors. Postman is an application that allows you to evaluate APIs. You can use Postman to import a collection file that you can use to create a custom connector, but Postman itself cannot build a custom connector for Power Automate.

URL:	https://docs.microsoft.com/learn/modules/introduction-power-platform/3-data-connectors

Question # 6 (Multiple choice)

Which two Microsoft Power Platform components can use AI Builder models? Each correct answer presents a complete solution.

    A. Canvas apps
    B. Model-driven apps
    C. Portal apps
    D. Power Automate cloud flows

Answer:	A. Canvas apps B. Power Automate cloud flows
Objective:	2.3. Describe AI Builder
Rationale:	Canvas apps and Power Automate cloud flows can both use AI Builder models. You can add controls to a canvas app that let the app use some AI Builder models. Power Automate can use the AI Builder connector to use AI Builder models. It is not possible to use an AI Builder model in a model-driven app or a portal app.
URL:	https://docs.microsoft.com/learn/modules/get-started-with-ai-builder/4-ways-to-use-models

Question # 7 (Sentence completion)

Select the answer that correctly completes the sentence.

To create a dashboard, you need to use _____.

    A. Power BI Service
    B. Power BI Desktop
    C. Power BI Mobile

Answer:	A. Power BI service
Objective:	3.1 Identify common Power BI components
Rationale:	You must use Power BI service to create dashboards and Power BI Desktop to create reports. Power BI mobile only allows you to view and share existing visualizations.
URL:	https://docs.microsoft.com/en-us/learn/modules/introduction-power-bi/2-what-power-bi

Question # 8 (Multiple choice)

Which Power Query transformation function allows you to unpivot rows from a Microsoft Excel data source?

    A. Reverse rows
    B. Transpose
    C. Count rows

Answer:	B. Transpose
Objective:	1.1 Connect to and consume data
Rationale:	The Transpose function allows users to swap rows for columns. Count rows helps you determine how many rows meet specified conditions. Reverse rows allow you to change the order in which records are presented.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-bi/2a-data-modeling-visualizations

Question # 9 (Sentence completion)

Select the answer that correctly completes the sentence.

To collaborate with colleagues to build Power BI reports and dashboards you should _____.

    A. create a template app
    B. share a dashboard
    C. share a dataset
    D. share a workspace

Answer:	D. share a workspace
Objective:	3.3. Build a basic dashboard using Power BI
Rationale:	Workspaces allow you to collaborate with colleagues to build reports and dashboards. By sharing a workspace, you allow others to collaborate with you. Sharing a report or dashboard only allows others to consume the report or dashboard. Sharing a dataset allows others to create reports and dashboards using the dataset in their own workspaces to which you may not have access. Template apps distribute reports and dashboards to external users.
URL:	https://docs.microsoft.com/learn/modules/build-simple-dashboard/6-collaborate-share

Question # 10 (Matching)

Match the app types on the left to the correct descriptions on the right.

App types
    A. Portal
    B. Canvas

Descriptions
_____ 1. Allow anonymous users to interact with data stored in Microsoft Dataverse.

C. Model-driven	____ 2. Connect to multiple data sources.
	____ 3. Use business process flows to guide the user.

Answer:	Portal (A) apps matches description 1: Allow anonymous users to interact with data stored in Microsoft Dataverse. Canvas (B) apps matches description 2: Connect to multiple data sources. Model-driven (C) matches description 3: Use business process flows to guide the user.
Objective:	4.1. Identify common Power Apps components
Rationale:	Portal apps are the only Power Apps app type that allow anonymous access to users. You can expose data held in Microsoft Dataverse tables on a page in a portal app. Canvas apps can connect to multiple data sources in the same app. The other app types can only access data held in Microsoft Dataverse. Defining and enforcing consistent business processes is a key feature of model-driven apps by using business process flows.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-apps/2-what-is-power-apps https://docs.microsoft.com/learn/modules/how-build-model-driven-app/02-model-driven-apps https://docs.microsoft.com/learn/modules/introduction-power-apps-portals/02-power-apps-portals

Question # 11 (Sentence completion)

Select the answer that correctly completes the sentence.

You create a canvas app.

To allow users to share the app with others, you should grant the _____ permission to the users.

    A. User
    B. Co-owner
    C. Contributor
    D. Environment maker

Answer:	B. Co-owner
Objective:	4.2 Build a basic canvas app
Rationale:	Co-owners can edit and share apps shared with them, users can only view and run. Contributor relates to Power BI, rather than Power Apps. Grant the environment maker role to grant users permissions at environment level rather than per app.

URL:	https://docs.microsoft.com/learn/modules/build-app-solution/5-share-app

Question # 12 (Multiple choice)

Which control should you use to display multiple rows from a SharePoint list in a canvas app?

- A. Data card
- B. Form
- C. Gallery
- D. Label

Answer:	C. Gallery
Objective:	4.2. Build a basic canvas app
Rationale:	Use the gallery control to display multiple rows of data from a data source. A form displays the fields for a single row of data. A label displays a single item of text as read only. A data card displays a single field inside a form control.
URL:	https://docs.microsoft.com/learn/modules/build-app-solution/2-learn-basic-elements

Question # 13 (Matching)

Match the Power Apps portal templates on the left to the correct descriptions on the right.

Power Apps portal templates	**Descriptions**
A. Partner B. Community C. Employee self-service	____ 1. Enable peer-to-peer collaboration including forums and blogs. ____ 2. Allow external companies to collaborate on sales opportunities. ____ 3. Allow internal users to submit cases and access knowledge articles.

Answer:	Community (A) matches description 1: Enable peer-to-peer collaboration including forums and blogs. Partner (B) matches description 2: Allow external companies to collaborate on sales opportunities. Employee self-service (C) matches description 3: Allow internal users to submit cases and access knowledge articles.
Objective:	4.3 Describe Power Apps portals
Rationale:	Community portals provide forums and blog functionality. Partner portals allow collaboration with external companies. Employee self-service allows internal users to submit cases and use a knowledge base.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-apps-portals/03-get-started-portals

Question # 14 (Sentence completion)

Select the answer that correctly completes the sentence.

You need to create an object that only contains data from a single table. You should create a _____.

    A. personal chart
    B. main form
    C. classic workflow
    D. public view

Answer:	B. Main form
Objective:	4.4. Build a basic model-driven app
Rationale:	Main forms can only contain columns from the same table as the form. Views can include columns from the same table and tables that are related with a many-to-one relationship. You can create charts from views. The charts can contain data from many-to-one relationships. Classic workflows can access rows and columns in many-to-one relationships.
URL:	https://docs.microsoft.com/learn/modules/how-build-model-driven-app/03-build-blocks-of-model-driven-apps https://docs.microsoft.com/learn/modules/how-build-model-driven-app/05-create-model-driven-app

Question # 15 (Matching)

You are creating Power Automate cloud flows to manage expense handling for a company.

Match the connectors on the left to the descriptions on the right.

Connectors
    A. Control
    B. Approvals
    C. Schedule
    D. Data operation

Descriptions
_____ 1. Wait three days after requesting expense approval.
_____ 2. Total all expenses for the current month.
_____ 3. Send an email to expense approvers to review total expenses.
_____ 4. Create a list of expense approvers.

Answer:	Schedule (C) matches description 1: Wait three days after requesting expense approval. Control (A) matches description 2: Total all expenses for the current month. Approvals (B) matches description 3: Send an email to expense approvers to review total expenses. Data operation (D) matches description 4: Create a list of expense approvers.

Objective:	5.1. Identify common Power Automate components
Rationale:	The Schedule connector contains the Delay action that forces a flow to wait for a fixed period before the next step run. The Control connector contains the Apply to Each action that loops through a set of rows and create a total of all expenses for the month. The Approvals connector sends an approval notification by email to the expenses approvers for sign off items such as the total expenses. The Data operation connection includes the Compose action that you can use to create an array of data, such as the list of approvers, which later steps in the flow can reference.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-automate/2-what-power-automate-value-brings-you https://docs.microsoft.com/learn/modules/introduction-power-platform/3-data-connectors https://docs.microsoft.com/power-automate/dataverse/wait-conditions https://docs.microsoft.com/learn/modules/build-automated-solution/2-create-flow-template https://docs.microsoft.com/learn/modules/build-automated-solution/3-build-approval-request

Question # 16 (Matching)

Match the Power Automate flow types on the left to the correct use cases on the right.

Flow types
- A.   Button
- B.   Desktop
- C.   Scheduled
- D.   Business process

Use cases
_____ 1. Send an email to your boss when you are going to be late to the office with one click.
_____ 2. Create a guided experience to train new model-driven app users.
_____ 3. Automate entering data into a legacy system that does not provide an API.
_____ 4. Check the weather forecast every night for rain the next day and notify users attending outdoor events by using email.

Answer:	Button (A) matches description 1: Send an email to your boss when you are going to be late to the office with one click. Business process (D) matches description 2: Create a guided experience to train new model-driven app users.

	Desktop (B) matches description 3: Automate entering data into a legacy system that does not provide an API. Scheduled (C) matches description 4: Check the weather forecast every night for rain the next day and notify users attending outdoor events by using email.
Objective:	5.1 Identify common Power Automate components
Rationale:	You use a Button (Instant) flow to run a flow in response to a mouse click. Business process flows you can use to create visual guides that help users perform tasks. Desktop flows allow automated data entry into systems without using an API. You use scheduled flows to run flows on specific days and times.
URL:	https://docs.microsoft.com/learn/modules/build-automated-solution/2b-build-button-flow https://docs.microsoft.com/learn/modules/build-automated-solution/2a-build-recurring-flows https://docs.microsoft.com//learn/modules/introduction-power-automate/2-what-power-automate-value-brings-you

Question # 17 (Multiple choice)

You create an instant flow by using a Power Apps trigger. The flow sends an email to your team members once you have completed a task.

How can you trigger the flow to run?

  A. Attach the flow to a button in a canvas app and then select the button.
  B. Select the button from the Buttons tab of the Power Automate mobile app.
  C. Update the status of a task in the app.

Answer:	A. Attach the flow to a button in a canvas app and then select the button.
Objective:	5.2 Build a basic flow
Rationale:	You must manually perform an action such as clicking a button to run an instant flow. To trigger a flow in the Power Automate mobile app, you must also configure the "Manually trigger a flow" option. Updating the status of a task will not trigger the flow since this is an instant flow.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-automate/4-power-automate-action

Question # 18 (Multiple choice)

You are creating a Power Automate flow by using a template.

Which symbol indicates that you have a valid connection that is ready for use?

A. Green check mark
B. Sign-in link
C. Red check mark
D. Yellow timer symbol

Answer:	A. Green check mark
Objective:	5.2 Build a basic flow
Rationale:	A green check mark in a green circle displays for valid connections. The sign-in link displays if there is no active connection. The red check mark indicates that there is no connection. The yellow timer symbol indicates that a flow step is in process.
URL:	https://docs.microsoft.com//learn/modules/introduction-power-automate/4-power-automate-action

Question # 19 (Multiple choice)

You are creating a Power Virtual Agents chatbot.

You need to add trigger phrases to the chatbot.

Where can you configure the trigger phrases?

A. Authoring canvas
B. Entities
C. Message node
D. Topic

Answer:	D. Topic
Objective:	6.1. Describe Power Virtual Agents capabilities
Rationale:	You create a Topic and then add trigger phrases to the Topic. Trigger phrases define which Topic of conversation the chatbot chooses based on user input. Entities assist the chatbot with identifying information from user input. Message nodes provide a message from the chatbot to the user. The Authoring canvas contains message and question nodes for the topic's conversation.
URL:	https://docs.microsoft.com/learn/modules/introduction-power-virtual-agents/3-power-virtual-agents-components

Question # 20 (Multiple choice)

For which three items must you specify a value when you create a new chatbot? Each correct answer presents part of the solution.

A. Name
B. Language
C. Region

D. Environment

E. Topic

Answer:	A. Name B. Language D. Environment
Objective:	6.2 Build and publish a basic chatbot
Rationale:	You must specify values for name, language, and environment when you create a chatbot. region and topic are optional.
URL:	https://docs.microsoft.com/learn/modules/how-build-basic-chatbot/2-create-chatbot