



Free Salesforce Plat-Dev-201 Practice Questions

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Question 1

Question Type: MultipleChoice

A developer deployed a trigger to update the status__c of Assets related to an Account when the Account's status changes and a nightly integration that updates Accounts in bulk has started to fail with limit failures.

```

01: trigger AccountTrigger on Account(after update) {
02:     List<Asset> assetsToUpdate = new List<Asset>();
03:     for (Account newA : Trigger.new) {
04:         Account oldA = Trigger.oldMap.get(newA.Id);
05:         if (oldA.Status__c != newA.Status__c) {
06:             assetsToUpdate.addAll( AccountHelper.getAssetsToUpdate(newA) );
07:         }
08:     }
09:     update assetsToUpdate;
10: }

25:
26:

```

What should the developer change about the code to address the failure while still having the code update all of the Assets correctly?

Options:

- A- Move all of the logic to a Queueable class that queries for and updates the Assets and call it from the trigger.
- B- Add List assets = [SELECT id, Status_ FROM WHERE AccountId = : acctId] to line 14 and iterate over the assets list in the for loop on line 15.;
- C- Add a LIMIT clause to the SOQL query on line 16 to limit the number of Assets queried for an Account.
- D- Change the getAssetsToUpdate method to process all Accounts in one call and call it outside of the for loop that starts on line 03.

Answer:

A

Explanation:

Why Queueable?

Queueable Apex allows asynchronous processing, which can handle bulk updates efficiently without hitting governor limits.

The trigger enqueues the Queueable class to process the asset updates.

Avoiding Limit Failures:

Moving logic to a Queueable class offloads resource-intensive operations to asynchronous processing.

Question 2

Question Type: MultipleChoice

A developer created a new after insert trigger on the Lead object that creates Task records for each Lead.

After deploying to production, an existing outside integration that inserts Lead records in batches to Salesforce is occasionally reporting total batch failures being caused by the Task insert statement. This causes the integration process in the outside system to stop, requiring a manual restart.

Which change should the developer make to allow the integration to continue when some records in a batch cause failures due to the Task

insert statement, so that manual restarts are not needed?

Options:

- A- Use the Database method with allow one set to false.
- B- Deactivate the trigger before the integration runs.
- C- Remove the Apex class from the integration user's profile.
- D- Use a try-catch block after the insert statement.

Answer:

D

Explanation:

A try-catch block allows the batch to continue processing even if some records cause errors. Errors can be logged for review, ensuring the integration process does not stop entirely.

Incorrect Options:

- A: Database.insertwithallowPartial would be required for partial processing but is not mentioned.
- B: Deactivating the trigger disrupts other processes.
- C: Removing Apex classes is unrelated.

Question 3

Question Type: MultipleChoice

Universal Containers has a Visualforce page that displays a table of every Container__c being rented by a given Account. Recently this page is failing with a view state limit because some of the customers rent over 10,000 containers.

What should a developer change about the Visualforce page to help with the page load errors?

Options:

- A- Implement pagination with an OffsetController.
- B- Implement pagination with a StandardSetController.
- C- Use JavaScript remoting with SOQL Offset.
- D- Use lazy loading and a transient List variable.

Answer:

B

Explanation:

Pagination using a StandardSetController helps manage large datasets by loading only a subset of records at a time. This approach minimizes view state size, which is critical for handling large datasets like 10,000+ records.

Question 4

Question Type: MultipleChoice

Universal Containers wants to back up all of the data and attachments in its Salesforce org once a month.

Which approach should a developer use to meet this requirement?

Options:

- A- Schedule a report.
- B- Use the Data Loader command line.
- C- Define a Data Export scheduled job.
- D- Create a Schedulable Apex class.

Answer:

C

Explanation:

Why Data Export Scheduled Job?

Salesforce provides an out-of-the-box Data Export feature that allows organizations to back up their data, including attachments.

This feature can be scheduled to run automatically on a monthly basis, fulfilling the requirement.

Why Not Other Options?

A . Schedule a Report: Does not export attachments and is limited to reportable data.

B . Data Loader Command Line: Requires manual setup and scripting, which is unnecessary for this requirement.

D . Create a Schedulable Apex class: Not suitable, as the Data Export tool is more efficient for full data and attachment backup.

Question 5

Question Type: MultipleChoice

In terms of the MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Lightning Web Component-based development over Visualforce?

Select 2 answers

Options:

- A- Rich component ecosystem
- B- Log capturing via the Debug Logs Setup page
- C- Built-in standard and custom set controllers
- D- Self-contained and reusable units of an application

Answer:

A, D

Explanation:

Advantages of Lightning Web Components (LWC):

A . Rich component ecosystem:

LWCs have a modern, rich component library designed for modular and reusable development.

D . Self-contained and reusable units:

LWCs are designed to be modular, reusable, and self-contained, reducing duplication and enhancing maintainability.

Why Not Other Options?

B . Log capturing via Debug Logs Setup page: This is unrelated to LWC and is a debugging feature.

C . Built-in standard and custom set controllers: Relevant to Visualforce, not LWCs.

Question 6

Question Type: MultipleChoice

What should a developer use to script the deployment and unit test execution as part of continuous integration?

Options:

- A- VS Code
- B- Execute Anonymous
- C- Salesforce CLI
- D- Developer Console

Answer:

C

Explanation:

Salesforce CLI allows developers to automate deployments and run unit tests as part of a continuous integration (CI) pipeline. It is the most efficient tool for scripting these processes.

Incorrect Options:

A:VS Code is an IDE and requires CLI integration for scripting.

B:Execute Anonymous is used for running code snippets manually, not for CI.

D:Developer Console is for manual testing and debugging, not CI automation.

Below is the formatted response for the provided question, adhering to the specified format and requirements. The answer is based on official Salesforce Platform Developer I documentation, focusing on the Data Modeling and Management topic. The response includes a comprehensive explanation, corrects any potential errors, and references relevant Salesforce documentation.

Question 7

Question Type: MultipleChoice

When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" must be updated based on the values in a PostalCodeToTimezone__c custom object.

Which two automation tools can be used to implement this feature? Select 2 answers

Options:

A- Quick actions

B- Approval process

C- Account trigger

D- Fast Field Updates record-triggered flow

Answer:

C, D

Explanation:

Account Trigger:

Apex triggers allow for complex logic to retrieve and update the Timezone field based on PostalCodeToTimezone__c.

Fast Field Updates Record-Triggered Flow:

A record-triggered flow in Fast Field Updates mode can fetch the necessary data from PostalCodeToTimezone__c and update the Account.

Why Not Other Options?

A . Quick actions: Used for user interface updates, not for automation based on edits.

B . Approval process: Not relevant to dynamic field updates.

Question 8

Question Type: MultipleChoice

Universal Containers (UC) processes orders in Salesforce in a custom object, Order__c. They also allow sales reps to upload CSV files with thousands of orders at a time.

A developer is tasked with integrating orders placed in Salesforce with UC's enterprise resource planning (ERP) system.

After the status for an Order__c is first set to 'Placed', the order information must be sent to a REST endpoint in the ERP system that can

process one order at a time.

What should the developer implement to accomplish this?

Options:

- A- Callout from a Queueable class called from a trigger
- B- Callout from a Batchable class called from a scheduled job
- C- Flow with a callout from an invocable method
- D- Callout from an @future method called from a trigger

Answer:

A

Explanation:

Why Queueable Class?

Queueable Apex supports callouts and allows chaining to process one record at a time efficiently.

The trigger detects when theOrder__cstatus changes to 'Placed' and enqueues the Queueable class to perform the callout.

Why Not Other Options?

B . Batchable class: Batch jobs are ideal for bulk processing but not suited for single REST callouts.

C . Flow with invocable method: Flows are less efficient and limited in handling callouts for large-scale operations.

D . @future method: While it supports asynchronous callouts, it does not allow chaining, making Queueable more suitable.

Question 9

Question Type: MultipleChoice

Which annotation exposes an Apex class as a RESTful web service?

Options:

A- @RemoteAction

B- @RestResource (urlMapping='/myService/*')

C- @HttpInvocable

D- @AuraEnabled(cacheable=true)

Answer:

B

Explanation:

The@RestResourceannotation exposes an Apex class as a RESTful web service.

TheurlMappingparameter defines the endpoint's URL.

Incorrect Options:

A:@RemoteActionis used for JavaScript remoting.

C:@HttpInvocableis used for invocable methods, not REST services.

D:@AuraEnabledis for enabling methods in Aura components or LWC, not REST services.

Question 10

Question Type: MultipleChoice

A developer created a custom order management app that uses an Apex class. The order is represented by an Order object and an

OrderItem object that has a master-detail relationship to Order. During order processing, an order may be split into multiple orders.

What should a developer do to allow their code to move some existing OrderItem records to a new Order record?

Options:

- A- Add without sharing to the Apex class declaration.
- B- Change the master-detail relationship to an external lookup relationship.
- C- Create a junction object between OrderItem and Order.
- D- Select the Allow reparenting option on the master-detail relationship.

Answer:

D

Explanation:

Allow Reparenting in Master-Detail Relationships:

In a master-detail relationship, the child record (in this case, OrderItem) is tightly bound to the parent record (Order).

By default, child records cannot be reassigned to a different parent record in master-detail relationships. However, enabling the 'Allow Reparenting' option on the master-detail field allows

the child record (OrderItem) to be reparented to a different master record (Order).

This is the correct solution as it ensures that OrderItem records can be reassigned to a new Order without changing the structure of the relationship.

Why not the other options?

A . Add without sharing to the Apex class declaration:

Adding without sharing modifies sharing rules but does not affect the ability to reparent child records. This is unrelated to the issue described.

B . Change the master-detail relationship to an external lookup relationship:

Changing the relationship type is not necessary. Additionally, doing so could introduce unintended side effects, as master-detail relationships have features like roll-up summaries that are lost with a lookup relationship.

C . Create a junction object between OrderItem and Order:

Introducing a junction object is not required. This adds unnecessary complexity and deviates from the intended use of master-detail relationships.

Master-Detail Relationship Documentation

Allow Reparenting Option



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