

Salesforce Certified Platform Developer II (PDI)

1. A company accepts orders for customers in their enterprise resource planning (ERP) system that must be integrated into Salesforce as order_c records with a lookup field to Account. The Account object has an external ID field, ENF_Customer_ID_c.

A. A.

Upsert on the order_c object and specify the ENF_Customer_ID_c for the Account relationship.

B. B.

Insert on the order_c object followed by an update on the order_c object.

C. C.

Merge on the order_c object and specify the ENF_Customer_ID_c for the Account relationship.

D. D.

Upsert on the Account and specify the ENF_Customer_ID_c for the relationship.

Answer(s): A

2. A developer is working with existing functionality that tracks how many times a stage has changed for an Opportunity. When the Opportunity's stage is changed, a workflow rule is fired to increase the value of a field by one. The developer wrote an after trigger to create a child record when the field changes from 4 to 5.

A. Trigger.old does not contain the updated value of the count field.

B. After triggers fire before workflow rules.

C. Trigger.new does not change after a field update.

D. After triggers are not fired after field updates.

Answer(s): A

3. An org has a requirement that an Account must always have one and only one Contact listed as Primary. So selecting one Contact will de-select any others. The client wants a checkbox on the Contact called 'Is Primary' to control this feature.

A. Write a Validation Rule on the Contact for the Is Primary logic and a before update trigger on Contact for the last name logic.

B. Write an after update trigger on Contact for the Is Primary logic and a separate before update trigger on Contact for the last name logic.

C. Write a single trigger on Contact for both after update and before update and callout to helper classes to handle each set of logic.

D. Write an after update trigger on Account for the Is Primary logic and a before update trigger on Contact for the last name logic.

Answer(s): C

4. A developer created an Apex class that updates an Account based on input from a Lightning web component that is used to register an Account. The update to the Account should only be made if it has not already been registered.

A. A.
Add a try/catch block around the update.

B. B.
Use update instead of update.

C. C.
Use FOR UPDATE in the SOQL query.

D. D.
Include LAST_MODIFIED_DATE in the query to make sure it wasn't recently updated.

Answer(s): D

5. A company needs to automatically delete sensitive information after seven years.

A. Schedule an 3fuzure process to query records older than seven years, and then recursively invoke itself in 1,000 record batches to delete them,

B. Use aggregate functions to query for records older than seven years, and then delete the aggregateResults objects. Schedule a batch Apex process to run every day that queries and deletes records older than seven years.

C. Perform a SOSL statement to find records older than 7 years, and then delete the entire result set.

Answer(s): C

6. What should a developer use to query all Account fields for the Acme account in their sandbox?

A. SELECT FIELDS FROM Account WHERE Name = 'Acme' LIMIT 1

B. SELECT FIELDS (ALL) FROM Account WHERE Name = 'Acme' LIMIT 1

C. SELECT ALL FROM Account WHERE Name = 'Acme' LIMIT 1

D. SELECT * FROM Account WHERE Name = 'Acme' LIMIT 1

Answer(s): B

7. Which code snippet processes records in the most memory efficient manner, avoiding governor limits such as

A. A.

```
List<Opportunity> opportunities = [SELECT Id, Amount from Opportunity]; for(Opportunity opp: opportunities){  
    // perform operation here  
}
```

B. B.

```
for(Opportunity opp: [SELECT Id, Amount from Opportunity]){  
    // perform operation here  
}
```

C. C.

```
Map<Id, Opportunity> opportunities = new Map<Id, Opportunity>{{SELECT Id, Amount from Opportunity}};  
for(Id oppId: opportunities.keySet()){  
    // perform operation here  
}
```

D. D.

```
List<Opportunity> opportunities = Database.query('SELECT Id, Amount from Opportunity');  
for(Opportunity opp: opportunities){  
    // perform operation here  
}
```

Answer(s): D

8. An org records customer order information in a custom object, `order__c`, that has fields for the shipping address. A developer is tasked with adding code to calculate shipping charges on an order, based on a flat percentage rate associated with the region of the shipping address.

A. Custom hierarchy setting

B. Custom metadata type

C. Custom list setting

D. Custom object

Answer(s): B

9. Which scenario requires a developer to use an Apex callout

A. The target system uses a REST API.

B. The target system uses a SOAP API.

C. The callout needs to be asynchronous.

D. The callout needs to be invoked from a flow.

Answer(s): A

10. A developer is writing a Visualforce page that queries accounts in the system and presents a data table with the results. The users want to be able to filter the results based on up to five fields. However, the users want to pick the five fields to use as filter fields when they run the page.

A. Streaming API

B. Metadata APT

C. variable binding

D. dynamic SOQL

Answer(s): D

11. Which tag should a developer use to display different text while an is Processing an action?

A. <apex:actionSupparts

B. <apex:actionPaller>

C. <apex:actionStatus>

D. <apex:pageMes sagas

Answer(s): C

12. Business rules require a Contact ta always be created when a new Account is created.

A. Use setSaverpoint (1) and rollback() with a try-catch block.

B. Use the Database. Insect method with a11orNone SEL LO alee,

C. Use the Database. Delete method if the Contact insertion fails.

D. Disable validation rules on Contacts and set default values with a trigger.

Answer(s): A

13. A developer is asked to build a solution that will automatically send an email to the customer when an Opportunity stage changes. The solution must scale to allow for 10,000 emails per day. The criteria to send the email should be evaluated after certain conditions are met.

A. Use an Email Alert with Flow Builder.

B. Use MassEmailMessage () With an Apex trigger.

C. Use a Workflow Email Alert.

D. Use SingleEmailMessage() with an Apex trigger.

Answer(s): A

14. A developer needs to implement a system audit feature that allows users, assigned to a custom profile named

A. A.

```
[SELECT AccountId, CreatedDate, Field, NewValue, OldValue  
FROM AccountHistory  
WHERE CreatedDate >= :initialDate AND CreatedDate <= :endDate];
```

B. B.

```
[SELECT AccountId, CreatedDate, Field, NewValue, OldValue  
FROM Account__History  
WHERE CreatedDate >= :endDate AND CreatedDate <= :initialDate];
```

C. C.

```
[SELECT AccountId, CreatedDate, Field, NewValue, OldValue  
FROM AccountHistory
```

D. D.

```
[SELECT AccountId, CreatedDate, Field, NewValue, OldValue  
FROM Account__History  
WHERE CreatedDate <= :initialDate AND CreatedDate <= :endDate];
```

Answer(s): B

15. A developer wrote a test class that successfully asserts a trigger on Account, It fires and updates data correctly In a sandbox environment.

A. Configure the production environment to enable "Run All Tests as Admin User."

B. Add System.runAs() to the test class to execute the trigger as a user with the correct object permissions.

C. Add seeallData=true to the test class to work within the sharing model for the production environment.

D. Verify that Test.startTest() is not inside a For loop in the test class,

Answer(s): B

16. Universal Containers (UC) has an ERP system that stores customer information, When an Account is created in Salesforce, the ERP system's REST endpoint for creating new customers must automatically be called with the Account information. If the call to the ERP system fails, the Account should still be created. Accounts in the UC org are only created, one at a time, by users in the UC customer on-boarding department.

A. REST call from JavaScript

B. Headless Quick Action

C. Call a Queueable from a Trigger

D. Apex Continuation

Answer(s): C

17. A Salesforce developer is hired by a multi-national company to build a custom Lightning application that shows employees their employment benefits and earned commissions over time. The application must acknowledge and respect the user's locale context for dates, times, numbers, currency, and currency symbols.

A. Use the \$User global variable to retrieve the user preferences.

B. Use the \$Label global value provider.

C. Use the \$Locale value provider to retrieve the user preferences.

D. Create a Hierarchical custom setting to store user preferences.

Answer(s): C

18. Which use case can be performed only by using asynchronous Apex?

A. Querying tens of thousands of records

B. Making a call to schedule a batch process to complete in the future

C. Calling a web service from an Apex trigger

D. Updating a record after the completion of an insert

Answer(s): C

19. A developer created a Lightning web component that allows users to input a text value that is used to search for Accounts by calling an Apex method. The Apex method returns a list of accounts to apply and is called imperatively from a JavaScript event handler.

A. Add @AuraEnabled to lines 11 and 12.

B. Add @AuraEnabled to line 03.

C. Add @AuraEnabled to line 09.

D. Add @AuraEnabled to line 01.

Answer(s): A,B

20. Refer to the following code snippets:

A. Use the Cacheable=true attribute in the Apex method,

B. Ensure the OWD for the Opportunity object is Public.

C. Edit the code to use the w. cut sharing keyword in the Apex class.

D. Use the Continuation=true attribute in the Apex method.

Answer(s): A
