

Salesforce

Exam Questions CRT-450

Salesforce Certified Platform Developer I (SU18)



NEW QUESTION 1

In a single record, a user selects multiple values from a multi-select picklist. How are the selected values represented in Apex?

- A. As a List<String> with each value as an element in the list
- B. As a String with each value separated by a comma
- C. As a String with each value separated by a semicolon
- D. As a Set<String> with each value as an element in the set

Answer: C

NEW QUESTION 2

Which set of roll-up types are available when creating a roll-up summary field?

- A. COUNT, SUM, MIN, MAX
- B. AVERAGE, SUM, MIN, MAX
- C. SUM, MIN, MAX
- D. AVRAGE, COUNT, SUM, MIN, MAX

Answer: A

NEW QUESTION 3

A developer created a Lightning component to display a short text summary for an object and wants to use it with multiple Apex classes. How should the developer design the Apex classes?

- A. Have each class define method getObject() that returns the sObject that is controlled by the Apex class.
- B. Extend each class from the same base class that has a method getTextSummary() that returns the summary.
- C. Have each class implement an interface that defines method getTextSummary() that returns the summary.
- D. Have each class define method getTextSummary() that returns the summar

Answer: C

NEW QUESTION 4

What is the requirement for a class to be used as a custom Visualforce controller?

- A. Any top-level Apex class that has a constructor that returns a PageReference
- B. Any top-level Apex class that extends a PageReference
- C. Any top-level Apex class that has a default, no-argument constructor
- D. Any top-level Apex class that implements the controller interface

Answer: D

NEW QUESTION 5

When an Account's custom picklist field called Customer Sentiment is changed to a value of "Confused", a new related Case should automatically be created. Which two methods should a developer use to create this case? (Choose two.)

- A. Process Builder
- B. Apex Trigger
- C. Custom Button
- D. Workflow Rule

Answer: AB

NEW QUESTION 6

A developer needs to join data received from an integration with an external system with parent records in Salesforce. The data set does not contain the Salesforce IDs of the parent records, but it does have a foreign key attribute that can be used to identify the parent. Which action will allow the developer to relate records in the data model without knowing the Salesforce ID?

- A. Create and populate a custom field on the parent object marked as Unique.
- B. Create a custom field on the child object of type External Relationship.
- C. Create and populate a custom field on the parent object marked as an External ID.
- D. Create a custom field on the child object of type Foreign Key.

Answer: D

NEW QUESTION 7

How can a developer set up a debug log on a specific user?

- A. It is not possible to setup debug logs for users other than yourself.
- B. Ask the user for access to their account credentials, log in as the user and debug the issue.
- C. Create Apex code that logs code actions into a custom object.
- D. Set up a trace flag for the user, and define a logging level and time period for the trac

Answer: D

NEW QUESTION 8

A developer is asked to create a PDF quote document formatted using the company's branding guidelines, and automatically save it to the Opportunity record. Which two ways should a developer create this functionality? (Choose two.)

- A. Install an application from the AppExchange to generate documents.
- B. Create a Visualforce page with custom styling.
- C. Create an email template and use it in Process Builder.
- D. Create a visual flow that implements the company's formatting.

Answer: AB

NEW QUESTION 9

Which two statements are true about using the @testSetup annotation in an Apex test class? (Choose two.)

- A. The @testSetup annotation cannot be used when the @isTest(SeeAllData=True) annotation is used.
- B. Test data is inserted once for all test methods in a class.
- C. Records created in the @testSetup method cannot be updated in individual test methods.
- D. The @testSetup method is automatically executed before each test method in the test class is executed.

Answer: D

NEW QUESTION 10

A developer executes the following query in Apex to retrieve a list of contacts for each account:
List<account> accounts = [Select ID, Name, (Select ID, Name from Contacts) from Account] ;
Which two exceptions may occur when it executes? (Choose two.)

- A. CPU limit exception due to the complexity of the query.
- B. SOQL query row limit exception due to the number of contacts.
- C. SOQL query limit exception due to the number of contacts.
- D. SOQL query row limit exception due to the number of accounts.

Answer: CD

NEW QUESTION 10

What are two valid options for iterating through each Account in the collection List<Account> named AccountList? (Choose two.)

- A. for (Account theAccount : AccountList) {...}
- B. for(AccountList) {...}
- C. for (List L : AccountList) {...}
- D. for (Integer i=0; i < AccountList.Size(); i++) {...}

Answer: AD

NEW QUESTION 12

A Visualforce page is required for displaying and editing Case records that includes both standard and custom functionality defined in an Apex class called myControllerExtension.
The Visualforce page should include which <apex:page> attribute(s) to correctly implement controller functionality?

- A. controller="Case" and extensions="myControllerExtension"
- B. extensions="myControllerExtension"
- C. controller="myControllerExtension"
- D. standardController="Case" and extensions="myControllerExtension"

Answer: D

NEW QUESTION 14

A developer writes the following code:

```
List<Account> acc = [SELECT Id FROM Account LIMIT 10];  
Delete acc;  
Database.emptyRecycleBin(acc);  
  
System.Debug(Limits.getDMLStatements() + ', ' + Limits.getLimitDMLStatements());
```

What is the result of the debug statement? A. 1, 100

- A. 1, 150
- B. 2, 150
- C. 2, 200

Answer: C

NEW QUESTION 19

A developer created a Visualforce page and a custom controller with methods to handle different buttons and events that can occur on the page. What should the developer do to deploy to production?

- A. Create a test class that provides coverage of the Visualforce page.

- B. Create a test page that provides coverage of the Visualforce page.
- C. Create a test page that provides coverage of the custom controller.
- D. Create a test class that provides coverage of the custom controller.

Answer: D

NEW QUESTION 21

Where can a developer identify the time taken by each process in a transaction using Developer Console log inspector?

- A. Performance Tree tab under Stack Tree panel
- B. Execution Tree tab under Stack Tree panel
- C. Timeline tab under Execution Overview panel
- D. Save Order tab under Execution Overview panel

Answer: C

NEW QUESTION 25

Which two number expressions evaluate correctly? (Choose two.)

- A. Double d = 3.14159;
- B. Integer l = 3.14159;
- C. Decimal d = 3.14159;
- D. Long l = 3.14159;

Answer: AC

NEW QUESTION 26

While writing a test class that covers an OpportunityLineItem trigger, a Developer is unable to create a standard PriceBook since one already exists in the org. How should the Developer overcome this problem?

- A. Use Test.getStandardPricebookId() to get the standard PriceBook ID.
- B. Use @IsTest(SeeAllData=true) and delete the existing standard PriceBook.
- C. Use Test.loadData() and a Static Resource to load a standard Pricebook.
- D. Use @TestVisible to allow the test method to see the standard PriceBook.

Answer: A

NEW QUESTION 31

What is the result of the debug statements in testMethod3 when you create test data using testSetup in below code?

```
@isTest
private class CreateAndExecuteTest{

    @testSetup
    static void setup() {
        // Create 2 test accounts
        List<Account> testAccts = new List<Account>();
        for(Integer i=0;i<2;i++) {
            testAccts.add(new Account(Name = 'MyTestAccount'+i, Phone='333-878'));
        }
        insert testAccts;
    }

    @isTest static void testMethod1() {
        Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
        acc.Phone = '888-1515';
        update acc;

        Account acc2 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
        acc.Phone = '999-1515';
        update acc2;
    }

    @isTest static void testMethod2() {
        Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
        acc.Phone = '888-2525';
        update acc;
    }

    @isTest static void testMethod3() {
        Account acc0 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
        Account acc1 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];

        System.debug('Account0.Phone='+ acc0.Phone +', Account1.Phone='+acc1.Phone);
    }
}
```

- A. Account0.Phone=333-8781, Account1.Phone=333-8780
- B. Account0.Phone=888-1515, Account1.Phone=999-2525
- C. Account0.Phone=333-8780, Account1.Phone=333-8781
- D. Account0.Phone=888-1515, Account1.Phone=999-1515

Answer: C

NEW QUESTION 36

A developer in a Salesforce org with 100 Accounts executes the following code using the Developer console: Account myAccount = new Account(Name = 'MyAccount');Insert myAccount;For (Integer x = 0; x < 250; x++)
{Account newAccount = new Account (Name='MyAccount' + x);try {Insert newAccount;}catch (Exception ex)
{System.debug (ex) ;}}insert new Account (Name='myAccount'); How many accounts are in the org after this code is run?

- A. 101
- B. 100
- C. 102
- D. 252

Answer: B

NEW QUESTION 37

A custom exception "RecordNotFoundException" is defined by the following code of block.`public class RecordNotFoundException extends Exception()`which statement can a developer use to throw a custom exception?choose 2 answers

- A. `Throw new RecordNotFoundException("problem occurred");`
- B. `Throw new RecordNotFoundException();`
- C. `throw RecordNotFoundException("problem occurred");`
- D. `Throw RecordNotFoundException();`

Answer: AB

NEW QUESTION 39

In an organization that has enabled multiple currencies, a developer needs to aggregate the sum of the Estimated_value c currency field from the CampaignMember object using a roll-up summary field called Total_estimated_value c on Campaign.

- A. The values in Campaignmember.Estimated_value c are converted into the currency of the Campaign record and the sum is displayed using the currency on the Campaign record.

- B. The values in CampaignMember.Estimated_value c are converted into the currency on the majority of the CampaignMember records and the sum is displayed using that currency.
- C. The values in CampaignMember.Estimated_value c are summed up and the resulting Total_estimated_value c field is displayed as a numeric field on the Campaign record.
- D. The values In CampaignMember.Estimated_value c are converted into the currency of the current user, and the sum is displayed using the currency on the Campaign record.

Answer: A

NEW QUESTION 42

A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting, that application cannot be modified to be resubmitted to a different job posting. What can the administrator do to associate an application with each job posting in the schema for the organization?

- A. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- B. Create a master-detail relationship in the Job Postings custom object to the Applications custom object.
- C. Create a master-detail relationship in the Application custom object to the Job Postings custom object.
- D. Create a lookup relationship in the Applications custom object to the Job Postings custom objec

Answer: C

NEW QUESTION 44

A developer created an Apex trigger using the Developer Console and now wants to debug code. How can the developer accomplish this in the Developer Console?

- A. Select the Override Log Triggers checkbox for the trigger
- B. Add the user name in the Log Inspector.
- C. Open the Progress tab in the Developer Console.
- D. Open the logs tab in the Developer Consol

Answer: D

NEW QUESTION 47

When can a developer use a custom Visualforce page in a Force.com application? (Choose 2)

- A. To generate a PDF document with application data
- B. To create components for dashboards and layouts
- C. To deploy components between two organizations
- D. To modify the page layout settings for a custom object

Answer: AB

NEW QUESTION 51

What is a capability of cross-object formula fields? Choose 3 answers

- A. Formula fields can reference fields from master-detail or lookup parent relationships.
- B. Formula fields can expose data the user does not have access to in a record.
- C. Formula fields can be used in three roll-up summaries per object.
- D. Formula fields can reference fields in a collect of records from a child relationship.
- E. Formula fields can reference fields from objects that are up to 10 relationships awa

Answer: ABE

NEW QUESTION 53

Where can debug log filter settings be set? Choose 2 answers

- A. The Filters link by the monitored user's name within the web UI.
- B. The Show More link on the debug log's record.
- C. On the monitored user's name.
- D. The Log Filters tab on a class or trigger detail pag

Answer: AD

NEW QUESTION 56

The Sales Management team hires a new intern. The intern is not allowed to view Opportunities, but needs to see the Most Recent Closed Date of all child Opportunities when viewing an Account record. What would a developer do to meet this requirement?

- A. Create a trigger on the Account object that queries the Close Date of the most recent Opportunities.
- B. Create a Workflow rule on the Opportunity object that updates a field on the parent Account.
- C. Create a formula field on the Account object that performs a MAX on the Opportunity Close Date field.
- D. Create a roll-up summary field on the Account object that performs a MAX on the Opportunity Close Date fiel

Answer: D

NEW QUESTION 60

Which statement would a developer use when creating test data for products and pricebooks?

- A. Id pricebookId = Test.getStandardPricebookId();
- B. Pricebook pb = new Pricebook();
- C. IsTest(SeeAllData = false);
- D. List objList = Test.loadData(Account.sObjectType, 'myResource');

Answer: A

NEW QUESTION 62

A company wants a recruiting app that models candidates and interviews; displays the total number of interviews on each candidate record; and defines security on interview records that is independent from the security on candidate records. What would a developer do to accomplish this task? Choose 2 answers

- A. Create a roll -up summary field on the Candidate object that counts Interview records.
- B. Create a master -detail relationship between the Candidate and Interview objects.
- C. Create a lookup relationship between the Candidate and Interview objects.
- D. Create a trigger on the Interview object that updates a field on the Candidate objec

Answer: CD

NEW QUESTION 63

What actions types should be configured to display a custom success message?

- A. Update a record.
- B. Post a feed item.
- C. Delete a record.
- D. Close a cas

Answer: A

NEW QUESTION 66

A developer needs to create records for the object Property c. The developer creates the following code block:
List propertiesToCreate = helperClass.createProperties();try { // line 3 } catch (Exception exp) { //exception handling }Which line of code would the developer insert at line 3 to ensure that at least some records are created, even if a few records have errors and fail to be created?

- A. Database.insert(propertiesToCreate, false);
- B. insert propertiesToCreate;
- C. Database.insert(propertiesToCreate, System.ALLOW_PARTIAL);
- D. Database.insert(propertiesToCreate);

Answer: A

NEW QUESTION 67

A user selects a value from a multi-select picklist. How is this selected value represented in Apex?

- A. As a string ending with a comma
- B. As a string
- C. As a list< String > with one element
- D. As a set< string > with one element

Answer: B

NEW QUESTION 69

A developer needs to confirm that an Account trigger is working correctly without changing the organization's data.What would the developer do to test the Account trigger?

- A. Use the Test menu on the developer Console to run all test classes for the account trigger.
- B. Use the New button on the Salesforce Accounts Tab to create a new Account record.
- C. Use the Open Execute Anonymous feature on the Developer Console to run an 'insert Account' DML statement.
- D. Use Deploy from the Force.com IDE to deploy an 'insert Account' Apex clas

Answer: A

NEW QUESTION 74

In the Lightning Component framework, where is client-side controller logic contained?

- A. Apex
- B. Visualforce
- C. HTML
- D. JavaScript

Answer: D

NEW QUESTION 79

Which statement about change set deployments is accurate? (Choose 3)

- A. They use an all or none deployment model.
- B. They require a deployment connection.
- C. They can be used to transfer Contact records.
- D. They can be used to deploy custom settings data.
- E. They can be used only between related organization

Answer: ABE

NEW QUESTION 83

Which declarative method helps ensure quality data? (Choose 3)

- A. Validation Rules
- B. Workflow alerts
- C. Exception Handling
- D. Lookup Filters
- E. Page Layouts

Answer: ADE

NEW QUESTION 84

What is a valid statement about Apex classes and interfaces? Choose 2 answers:

- A. The default modifier for a class is private.
- B. Exception classes must end with the word exception.
- C. A class can have multiple levels of inner classes.
- D. The default modifier for an interface is privat

Answer: BD

NEW QUESTION 86

What are two testing consideration when deploying code from a sandbox to production? Choose 2 answers

- A. 75% of test must execute without failure
- B. 100% of test must execute without failure
- C. Apex code requires 75% coverage
- D. Apex code requires 100% coverage

Answer: BC

NEW QUESTION 91

A developer creates a Workflow Rule declaratively that updates a field on an object. An Apex update trigger exists for that object. What happens when a user updates a record?

- A. No changes are made to the data.
- B. Both the Apex Trigger and Workflow Rule are fired only once.
- C. The Workflow Rule is fired more than once.
- D. The Apex Trigger is fired more than onc

Answer: D

NEW QUESTION 95

Which type of code represents the Controller in MVC architecture on the Force.com platform? (Choose 2)

- A. JavaScript that is used to make a menu item display itself.
- B. A static resource that contains CSS and images.
- C. Custom Apex and JavaScript code that is used to manipulate data.
- D. StandardController system methods that are referenced by Visualforc

Answer: CD

NEW QUESTION 100

A developer is creating an application to track engines and their parts. An individual part can be used in different types of engines. What data model should be used to track the data and to prevent orphan records?

- A. Create a junction object to relate many engines to many parts through a master-detail relationship
- B. Create a lookup relationship to represent how each part relates to the parent engine object.
- C. Create a master-detail relationship to represent the one-to-many model of engines to parts.
- D. Create a junction object to relate many engines to many parts through a lookup relationship

Answer: A

NEW QUESTION 102

What is a benefit of the Lightning Component framework? Choose 3 answers

- A. It uses client-side Apex controllers for logic.

- B. It uses a traditional publish-subscribe model.
- C. It uses an event-driven architecture
- D. It uses an MVC architectural design pattern.
- E. It uses server-side JavaScript controller for logic.

Answer: BCD

NEW QUESTION 106

A developer creates an Apex Trigger with the following code block:
`List<Account> customers = new List<Account>();
For (Order c o: trigger.new){
Account a = [SELECT Id, Is_Customer c FROM Account WHERE Id = :o.Customer c];
a.Is_Customer c = true;
customers.add(a);
Database.update(customers, false);
}`
The developer tests the code using Apex Data Loader and successfully loads 10 Orders. Then, the developer loads 150 Orders. How many Orders are successfully loaded when the developer attempts to load the 150 Orders?

- A. 1
- B. 150
- C. 100

Answer: A

NEW QUESTION 111

What is a correct pattern to follow when programming in Apex on a Multi-tenant platform?

- A. Apex code is created in a separate environment from schema to reduce deployment errors.
- B. DML is performed on one record at a time to avoid possible data concurrency issues.
- C. Queries select the fewest fields and records possible to avoid exceeding governor limits.
- D. Apex classes use the "with sharing" keyword to prevent access from other server tenant

Answer: C

NEW QUESTION 115

How can a developer refer to, or instantiate a PageReference in Apex? Choose 2 answers

- A. By using a PageReference with a partial or full URL.
- B. By using the Page object and a Visualforce page name.
- C. By using the ApexPages.Page() method with a Visualforce page name.
- D. By using the PageReference.Page() method with a partial or full UR

Answer: AB

NEW QUESTION 116

Which statement should a developer avoid using inside procedural loops? (Choose 2)

- A. `System.debug('Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime());`
- B. `List contacts = [SELECT Id, Salutation, FirstName, LastName, Email FROM Contact WHERE AccountId = :a.Id];`
- C. `If(o.accountId == a.id)`
- D. `Update contactList;`

Answer: BD

NEW QUESTION 120

What is a valid way of loading external JavaScript files into a Visualforce page? (Choose 2) A. Using an (apex:includeScript)* tag. \>

- A. Using an (apex:define)* tag.
- B. Using a (link)* tag.
- C. Using a (script)* ta

Answer: AD

NEW QUESTION 124

To which primitive data type in Apex is a currency field atomically assigned?

- A. Integer
- B. Decimal
- C. Double
- D. Currency

Answer: B

NEW QUESTION 127

A developer needs to create a Visualforce page that will override the standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address. Where would the developer write the Account address verification logic?

- A. In a Standard Extension.
- B. In a Standard Controller.
- C. In a Custom Controller.

D. In a Controller Extensio

Answer: D

NEW QUESTION 129

Which actions can a developer perform using the Schema Builder? Choose 2 answers

- A. Create a custom field and automatically add it to an existing page layout.
- B. Create a view containing only standard and system objects.
- C. Create a custom object and define a lookup relationship on that object
- D. Create a view of objects and relationships without fields

Answer: BC

NEW QUESTION 134

Developer needs to automatically populate the Reports To field in a Contact record based on the values of the related Account and Department fields in the Contact record. Which type of trigger would the developer create? Choose 2 answers

- A. Before update
- B. After insert
- C. Before insert
- D. After update

Answer: AC

NEW QUESTION 136

What are two correct examples of the model in the salesforce MVC architecture? Choose 2 answers.

- A. Custom field on the custom wizard_c object
- B. Standard lightning component
- C. Workflow rule on the contact object
- D. Standard account lookup on the contract object

Answer: BC

NEW QUESTION 140

A developer in a Salesforce org with 100 Accounts executes the following code using the Developer console: Account myAccount = new Account(Name = 'MyAccount'); Insert myAccount; For (Integer x = 0; x < 150; x++) {Account newAccount = new Account (Name='MyAccount' + x); try {Insert newAccount;} catch (Exception ex) {System.debug (ex) ;}} insert new Account (Name='myAccount'); How many accounts are in the org after this code is run?

- A. 101
- B. 100
- C. 102
- D. 252

Answer: B

NEW QUESTION 141

The initial value for a number field on a record is 1. A user updated the value of the number field to 10. This action invokes a workflow field update, which changes the value of the number field to 11. After the workflow field update, an update trigger fires. What is the value of the number field of the object that is obtained from Trigger.old?

- A. Null
- B. 11
- C. 1
- D. 10

Answer: C

NEW QUESTION 143

A developer has the following query: Contact c = [SELECT id, firstname, lastname, email FROM Contact WHERE lastname = 'Smith']; What does the query return if there is no Contact with the last name 'Smith'?

- A. A contact initialized to null.
- B. An error that no rows are found.
- C. An empty List of Contacts.
- D. A Contact with empty value

Answer: B

NEW QUESTION 147

What is a valid Apex statement?

- A. Map conMap = (SELECT Name FROM Contact);
- B. Account[] acctList = new List{new Account()}
- C. Integer w, x, y = 123, z = 'abc',
- D. Private static constant Double rate = 775;

Answer: B

NEW QUESTION 150

A developer creates a custom controller and custom Visualforce page by using the following code block:
`public class myController {public String myString;public String getMyString() {return 'getmyString';}public String getStringMethod1() {return myString;}public String getStringMethod2() {if (myString == null)myString = 'Method2';return myString;}}{!myString}, {!StringMethod1}, {!StringMethod2}, {!myString}`
What does the user see when accessing the custom page?

- A. GetMyString , , Method2 , getMystring
- B. , , Method2 , getMyString
- C. , , Method2,
- D. GetMyString , , ,

Answer: A

NEW QUESTION 155

Which standard field needs to be populated when a developer inserts new Contact records programmatically?

- A. AccountId
- B. Name
- C. LastName
- D. FirstName

Answer: C

NEW QUESTION 158

How can a developer avoid exceeding governor limits when using Apex Triggers? (Choose 2)

- A. By using a helper class that can be invoked from multiple triggers
- B. By using Maps to hold data from query results
- C. By using the Database class to handle DML transactions
- D. By performing DML transactions on a list of sObject

Answer: BD

NEW QUESTION 162

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