



# Salesforce

## Exam Questions CRT-450

Salesforce Certified Platform Developer I (SU18)

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#### NEW QUESTION 1

What are two benefits of the Lightning Component framework? (Choose two.)

- A. It simplifies complexity when building pages, but not applications.
- B. It provides an event-driven architecture for better decoupling between components.
- C. It promotes faster development using out-of-box components that are suitable for desktop and mobile devices.
- D. It allows faster PDF generation with Lightning component

**Answer:** BC

#### NEW QUESTION 2

A developer needs to create a Visualforce page that displays Case data. The page will be used by both support reps and support managers. The Support Rep profile does not allow visibility of the Customer\_Satisfaction c field, but the Support Manager profile does.

How can the developer create the page to enforce Field Level Security and keep future maintenance to a minimum?

- A. Create one Visualforce Page for use by both profiles.
- B. Use a new Support Manager permission set.
- C. Create a separate Visualforce Page for each profile.
- D. Use a custom controller that has the with sharing keyword

**Answer:** D

#### NEW QUESTION 3

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 4

Which approach should a developer use to add pagination to a Visualforce page?

- A. A StandardController
- B. The Action attribute for a page
- C. The extensions attribute for a page
- D. A StandardSetController

**Answer:** D

#### NEW QUESTION 5

How should a developer make sure that a child record on a custom object, with a lookup to the Account object, has the same sharing access as its associated account?

- A. Create a Sharing Rule comparing the custom object owner to the account owner.
- B. Create a validation rule on the custom object comparing the record owners on both records.
- C. Include the sharing related list on the custom object page layout.
- D. Ensure that the relationship between the objects is Master-Detail

**Answer:** D

#### NEW QUESTION 6

Which tool allows a developer to send requests to the Salesforce REST APIs and view the responses?

- A. REST resource path URL
- B. Workbench REST Explorer
- C. Developer Console REST tab
- D. Force.com IDE REST Explorer tab

**Answer:** B

#### NEW QUESTION 7

A developer working on a time management application wants to make total hours for each timecard available to application users. A timecard entry has a Master-Detail relationship to a timecard.

Which approach should the developer use to accomplish this declaratively?

- A. A Visualforce page that calculates the total number of hours for a timecard and displays it on the page
- B. A Roll-Up Summary field on the Timecard Object that calculates the total hours from timecard entries for that timecard
- C. A Process Builder process that updates a field on the timecard when a timecard entry is created
- D. An Apex trigger that uses an Aggregate Query to calculate the hours for a given timecard and stores it in a custom field

**Answer:** B

#### NEW QUESTION 8

What is a capability of the <ltng:require> tag that is used for loading external Javascript libraries in Lightning Component? (Choose three.)

- A. Loading files from Documents.
- B. One-time loading for duplicate scripts.
- C. Specifying loading order.
- D. Loading scripts in parallel.
- E. Loading externally hosted script

**Answer:** BCD

#### NEW QUESTION 9

Which two platform features align to the Controller portion of MVC architecture? (Choose two.)

- A. Process Builder actions
- B. Workflow rules
- C. Standard objects
- D. Date fields

**Answer:** AB

#### NEW QUESTION 10

Which approach should be used to provide test data for a test class?

- A. Query for existing records in the database.
- B. Execute anonymous code blocks that create data.
- C. Use a test data factory class to create test data.
- D. Access data in @TestVisible class variable

**Answer:** C

#### NEW QUESTION 10

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 11

For which three items can a trace flag be configured? (Choose three.)

- A. Apex Trigger
- B. Apex Class
- C. Process Builder
- D. User
- E. Visualforce

**Answer:** ABD

#### NEW QUESTION 14

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 18

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 19

When viewing a Quote, the sales representative wants to easily see how many discounted items are included in the Quote Line Items. What should a developer do to meet this requirement?

- A. Create a trigger on the Quote object that queries the Quantity field on discounted Quote Line Items.
- B. Create a Workflow Rule on the Quote Line Item object that updates a field on the parent Quote when the item is discounted.
- C. Create a roll-up summary field on the Quote object that performs a SUM on the quote Line Item Quantity field, filtered for only discounted Quote Line Items.
- D. Create a formula field on the Quote object that performs a SUM on the Quote Line Item Quantity field, filtered for only discounted Quote Line Items.

**Answer:** C

#### NEW QUESTION 22

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 23

A developer needs to test an Invoicing system integration. After reviewing the number of transactions required for the test, the developer estimates that the test data will total about 2 GB of data storage. Production data is not required for the integration testing. Which two environments meet the requirements for testing? (Choose two.)

- A. Developer Sandbox
- B. Full Sandbox
- C. Developer Edition
- D. Partial Sandbox
- E. Developer Pro Sandbox

**Answer:** BD

#### NEW QUESTION 24

An org has a single account named 'NoContacts' that has no related contacts. Given the query:

List<Account> accounts = [Select ID, (Select ID, Name from Contacts) from Account where Name='NoContacts']; What is the result of running this Apex?

- A. accounts[0].contacts is invalid Apex.
- B. accounts[0].contacts is an empty Apex.
- C. accounts[0].contacts is Null.
- D. A QueryException is throw

**Answer:** B

#### NEW QUESTION 25

A developer needs to display all of the available fields for an object.

In which two ways can the developer retrieve the available fields if the variable myObject represents the name of the object? (Choose two.)

- A. Use myObject.sObjectType.getDescribe().fieldSet() to return a set of fields.
- B. Use mySObject.myObject.fields.getMap() to return a map of fields.
- C. Use Schema.describeSObjects(new String[]{myObject})[0].fields.getMap() to return a map of fields.
- D. Use getGlobalDescribe().get(myObject).getDescribe().fields.getMap() to return a map of field

**Answer:** BC

#### NEW QUESTION 28

A developer wants to override a button using Visualforce on an object. What is the requirement?

- A. The controller or extension must have a PageReference method.
- B. The standardController attribute must be set to the object.
- C. The action attribute must be set to a controller method.
- D. The object record must be instantiated in a controller or extensio

**Answer:** B

#### NEW QUESTION 32

The operation manager at a construction company uses a custom object called Machinery to manage the usage and maintenance of its cranes and other machinery. The manager wants to be able to assign machinery to different constructions jobs, and track the dates and costs associated with each job. More than one piece of machinery can be assigned to one construction job. What should a developer do to meet these requirements?

- A. Create a lookup field on the Construction Job object to the Machinery object.
- B. Create a lookup field on the Machinery object to the Construction Job object.
- C. Create a junction object with Master-Detail Relationship to both the Machinery object and the Construction Job object.

D. Create a Master-Detail Lookup on the Machinery object to the Construction Job object

**Answer:** A

#### NEW QUESTION 34

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 38

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 39

Which three declarative fields are correctly mapped to variable types in Apex? (Choose three.)

- A. Number maps to Decimal.
- B. Number maps to Integer.
- C. TextArea maps to List of type String.
- D. Date/Time maps to Datetime.
- E. Checkbox maps to Boolean.

**Answer:** ADE

#### NEW QUESTION 40

A developer encounters APEX heap limit errors in a trigger.

Which two methods should the developer use to avoid this error? (Choose two.)

- A. Use the transient keyword when declaring variables.
- B. Query and store fields from the related object in a collection when updating related objects.
- C. Remove or set collections to null after use.
- D. Use SOQL for loops instead of assigning large query results to a single collection and looping through the collection.

**Answer:** AD

#### NEW QUESTION 42

Which two strategies should a developer use to avoid hitting governor limits when developing in a multi-tenant environment? (Choose two.)

- A. Use collections to store all fields from a related object and not just minimally required fields.
- B. Use methods from the "Limits" class to monitor governor limits.
- C. Use SOQL for loops to iterate data retrieved from queries that return a high number of rows.
- D. Use variables within Apex classes to store large amounts of data.

**Answer:** BC

#### NEW QUESTION 44

Which SOQL query successfully returns the Accounts grouped by name?

- A. SELECT Type, Max(CreatedDate) FROM Account GROUP BY Name
- B. SELECT Name, Max(CreatedDate) FROM Account GROUP BY Name
- C. SELECT Id, Type, Max(CreatedDate) FROM Account GROUP BY Name
- D. SELECT Type, Name, Max(CreatedDate) FROM Account GROUP BY Name LIMIT 5

**Answer:** B

#### NEW QUESTION 49

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 controlle

**Answer:** D

#### NEW QUESTION 51

What is a benefit of using an after insert trigger over using a before insert trigger?

- A. An after insert trigger allows a developer to bypass validation rules when updating fields on the new record.
- B. An after insert trigger allows a developer to insert other objects that reference the new record.
- C. An after insert trigger allows a developer to make a callout to an external service.
- D. An after insert trigger allows a developer to modify fields in the new record without a query.

**Answer:** B

#### NEW QUESTION 53

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 PriceBoo

**Answer:** A

#### NEW QUESTION 54

Universal Containers wants Opportunities to be locked from editing when reaching the Closed/Won stage. Which two strategies should a developer use to accomplish this? (Choose two.)

- A. Use a Visual Workflow.
- B. Use a validation rule.
- C. Use the Process Automation Settings.
- D. Use a Trigge

**Answer:** BD

#### NEW QUESTION 55

Which two Apex data types can be used to reference a Salesforce record ID dynamically? (Choose two.)

- A. ENUM
- B. sObject
- C. External ID
- D. String

**Answer:** AD

#### NEW QUESTION 57

A newly hired developer discovers that there are multiple triggers on the case object. What should the developer consider when working with triggers?

- A. Developers must dictate the order of trigger execution.
- B. Trigger execution order is based on creation date and time.
- C. Unit tests must specify the trigger being tested.
- D. Trigger execution order is not guaranteed for the same sObjec

**Answer:** D

#### NEW QUESTION 62

How should a developer avoid hitting the governor limits in test methods?

- A. Use @TestVisible on methods that create records.
- B. Use Test.loadData() to load data from a static resource.
- C. Use @IsTest (SeeAllData=true) to use existing data.
- D. Use Test.startTest() to reset governor limit

**Answer:** D

#### NEW QUESTION 67

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 68

What is a valid source and destination pair that can send or receive change sets? (Choose 2)

- A. Developer Edition to Sandbox
- B. Sandbox to Production
- C. Sandbox to Sandbox
- D. Developer Edition to Production

**Answer: BC**

#### NEW QUESTION 71

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 76

A developer wants to create a custom object to track Customer Invoices.How should Invoices and Accounts be related to ensure that all Invoices are visible to everyone with access to an Account?

- A. The Account should have a Master-Detail relationship to the Invoice.
- B. The Invoice should have a Master-Detail relationship to the Account
- C. The Account should have a Lookup relationship to the Invoice



D. The Invoice should have a Lookup relationship to the Account Previous

**Answer:** B

#### NEW QUESTION 77

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 80

When creating unit tests in Apex, which statement is accurate? Choose 2

- A. Unit tests with multiple methods result in all methods failing every time one method fails.
- B. Increased test coverage requires large test classes with many lines of code in one method.
- C. Triggers do not require any unit tests in order to deploy them from sandbox to production.
- D. System Assert statements that do not Increase code coverage contribute important feedback in unit tests

**Answer:** BD

#### NEW QUESTION 81

What is an accurate statement about variable scope? (Choose 3)

- A. Parallel blocks can use the same variable name.
- B. A variable can be defined at any point in a block.
- C. Sub-blocks cannot reuse a parent block's variable name.
- D. Sub-blocks can reuse a parent block's variable name if it's value is null.
- E. A static variable can restrict the scope to the current block of its value is nul

**Answer:** ABC

#### NEW QUESTION 84

A developer needs to know if all tests currently pass in a Salesforce environment. Which feature can the developer use? (Choose 2)

- A. ANT Migration Tool
- B. Workbench Metadata Retrieval
- C. Salesforce UI Apex Test Execution
- D. Developer Console

**Answer:** CD

#### NEW QUESTION 87

What is an accurate constructor for a custom controller named "MyController"?

- A. `public MyController () { account = new Account () ; }`
- B. `public MyController (sObject obj) { account = (Account) obj; }`
- C. `public MyController (List objects) { accounts = (List ) objects; }`
- D. `public MyController (ApexPages.StandardController stdController) { account = (Account) stdController.getRecord(); }`

**Answer:** A

#### NEW QUESTION 91

A company would like to send an offer letter to a candidate, have the candidate sign it electronically, and then send the letter back. What can a developer do to accomplish this?

- A. Create a visual workflow that will capture the candidate's signature electronically
- B. Develop a Process Builder that will send the offer letter and allow the candidate to sign it electronically.
- C. Install a managed package that will allow the candidate to sign documents electronically
- D. Create an assignment rule that will assign the offer letter to the candidate

**Answer:** C

#### NEW QUESTION 93

What is the minimum log level needed to see user-generated debug statements?

- A. DEBUG

- B. FINE
- C. INFO
- D. WARN

**Answer:** A

#### NEW QUESTION 95

What is true for a partial sandbox that is not true for a full sandbox? Choose 2 answers:

- A. More frequent refreshes.
- B. Only Includes necessary metadata.
- C. Use of change sets.
- D. Limited to 5 GB of dat

**Answer:** AD

#### NEW QUESTION 97

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 100

What is an important consideration when developing in a multi-tenant environment?

- A. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance.
- B. Unique domain names take the place of namespaces for code developed for multiple orgs on multiple instances.
- C. Polyglot persistence provides support for a global, multilingual user base in multiple orgs on multiple instances.
- D. Org-wide data security determines whether other tenants can see data in multiple orgs on the same instanc

**Answer:** A

#### NEW QUESTION 105

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 108

Which scenario is invalid for execution by unit tests?

- A. Executing methods for negative test scenarios
- B. Loading the standard Pricebook ID using a system method
- C. Loading test data in place of user input for Flows.
- D. Executing methods as different user

**Answer:** C

#### NEW QUESTION 112

In the code below, what type does Boolean inherit from? Boolean b= true;

- A. Enum
- B. Object
- C. String
- D. Class

**Answer:** B

#### NEW QUESTION 115

A visualforce interface is created for Case Management 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. StandardController = "case" and extensions = " myControllerExtension"
- B. Extensions=" myControllerExtension"
- C. Controller=" myControllerExtension"
- D. Controller = "case" and extensions =" myControllerExtension"

**Answer:** A

#### NEW QUESTION 117

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 118

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

**Answer:** C

#### NEW QUESTION 119

A developer creates a new Visualforce page and Apex extension, and writes test classes that exercise 95% coverage of the new Apex extension. Change set deployment to production fails with the test coverage warning: "Average test coverage across all Apex classes and triggers is 74%, at least 75% test coverage is required." What can the developer do to successfully deploy the new Visualforce page and extension?

- A. Create test classes to exercise the Visualforce page markup.
- B. Select "Disable Parallel Apex Testing" to run all the tests.
- C. Add test methods to existing test classes from previous deployments.
- D. Select "Fast Deployment" to bypass running all the test

**Answer:** C

#### NEW QUESTION 122

Why would a developer use Test.startTest( ) and Test.stopTest( )?

- A. To avoid Apex code coverage requirements for the code between these lines
- B. To start and stop anonymous block execution when executing anonymous Apex code
- C. To indicate test code so that it does not Impact Apex line count governor limits.
- D. To create an additional set of governor limits during the execution of a single test clas

**Answer:** D

#### NEW QUESTION 125

An org has different Apex Classes that provide Account -related functionality. After a new validation rule is added to the object, many of the test methods fail. What can be done to resolve the failures and reduce the number of code changes needed for future validation rules? Choose 2 answers:

- A. Create a method that creates valid Account records, and call this method from within test methods.
- B. Create a method that loads valid Account records from a Static Resource, and call this method within test methods.
- C. Create a method that performs a callout for a valid Account record, and call this method from within test methods.
- D. Create a method that queries for valid Account records, and call this method from within test method

**Answer:** AB

#### NEW QUESTION 128

A developer has a unit test that is failing. To identify the issue, the developer copies the code inside the test method and executes it via the Execute Anonymous Apex Tool. The code then executes without failing. Why did the unit test failed, but not the Execute Anonymous?

- A. The test method has a syntax error in the code.
- B. The test method relies on existing data in the database
- C. The test method use a try/catch block
- D. The test method calls an @future metho

**Answer:** B

#### NEW QUESTION 129

Where would a developer build a managed package?

- A. Developer Sandbox
- B. Unlimited Edition
- C. Partial Copy Sandbox
- D. Developer Edition

**Answer:** D

#### NEW QUESTION 133

A developer creates an Apex helper class to handle complex trigger logic. How can the helper class warn users when the trigger exceeds DML governor limits?

- A. By using `PageReference.setRedirect()` to redirect the user to a custom Visualforce page before the number of DML statements is exceeded.
- B. By using `Messaging.sendEmail()` to continue the transaction and send an alert to the user after the number of DML statements is exceeded.
- C. By using `ApexMessage.Messages()` to display an error message after the number of DML statements is exceeded.
- D. By using `Limits.getDMLRows()` and then displaying an error message before the number of DML statements is exceeded.

**Answer:** D

#### NEW QUESTION 135

What is a benefit of the Lightning component framework?

- A. Better integration with Force.com sites
- B. Better performance for custom Salesforce1 Mobile Apps
- C. More Centralized control via server-side logic
- D. More pre-built components to replicate the Salesforce look and feel

**Answer:** D

#### NEW QUESTION 139

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 class

**Answer:** A

#### NEW QUESTION 144

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

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

**Answer:** D

#### NEW QUESTION 145

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created. When will the email be sent?

- A. After Committing to database.
- B. Before Trigger execution.
- C. After Trigger execution.
- D. Before Committing to database

**Answer:** A

#### NEW QUESTION 148

What features are available when writing apex test classes? (Choose 2 Answers)

- A. The ability to select error types to ignore in the developer console.
- B. The ability to write assertions to test after a `@future` method.
- C. The ability to set and modify the `CreatedDate` field in apex tests.
- D. The ability to set breakpoints to freeze the execution at a given point.
- E. The ability to select testing data using csv files stored in the system

**Answer:** CE

#### NEW QUESTION 153

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 organizations

**Answer:** ABE

#### NEW QUESTION 158

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 162

When the number of record in a recordset is unknown, which control statement should a developer use to implement a set of code that executes for every record in the recordset, without performing a .size() or .length() method call?

- A. For (init\_stmt, exit\_condition; increment\_stmt) { }
- B. Do { } While (Condition)
- C. For (variable : list\_or\_set) { }
- D. While (Condition) { ... }

**Answer:** C

#### NEW QUESTION 163

In which order does Salesforce execute events upon saving a record?

- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit
- B. Validation Rules; Before Triggers; After Triggers; Workflow Rules; Assignment Rules; Commit
- C. Before Triggers; Validation Rules; After Triggers; Workflow Rules; Assignment Rules; Commit
- D. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit

**Answer:** A

#### NEW QUESTION 165

A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object. How can a developer display data from the parent record on the page?

- A. By adding a second standard controller to the page for the parent record.
- B. By using a roll-up formula field on the child record to include data from the parent record.
- C. By using SOQL on the Visualforce page to query for data from the parent record.
- D. By using merge field syntax to retrieve data from the parent record.

**Answer:** D

#### NEW QUESTION 167

What is the value of x after the code segment executes?

```
String x = 'A'; Integer i = 10; if ( i < 15 ) { i = 15; x = 'B'; } else if ( i < 20 ) { x = 'C'; } else { x = 'D'; }
```

- A. D
- B. A
- C. B
- D. C

**Answer:** C

#### NEW QUESTION 170

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 once

**Answer:** D

#### NEW QUESTION 172

What is the easiest way to verify a user before showing them sensitive content?

- A. Sending the user a SMS message with a passcode.
- B. Calling the generateVerificationUrl method in apex.
- C. Sending the user an Email message with a passcode.
- D. Calling the Session.forcedLoginUrl method in ape

**Answer:** B

#### NEW QUESTION 174

Which two number expression evaluate correctly? Choose 2 answers

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

**Answer:** BD

#### NEW QUESTION 179

Which user can edit a record after it has been locked for approval? (Choose 2)

- A. Any user with a higher role in the hierarchy
- B. A user who is assigned as the current approver
- C. Any user who approved the record previously
- D. An administrator

**Answer:** BD

#### NEW QUESTION 183

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 coda that is used to manipulate data.
- D. StandardController system methods that are referenced by Visualforc

**Answer:** CD

#### NEW QUESTION 188

What are the supported content sources for custom buttons and links? (Choose 2 Answers)

- A. VisualForce Page.
- B. Static Resource.
- C. URL.
- D. Chatter File.
- E. Lightning Pag

**Answer:** AC

#### NEW QUESTION 189

A developer writes a before insert trigger.How can the developer access the incoming records in the trigger body?

- A. By accessing the Trigger.new context variable.
- B. By accessing the Trigger.newRecords context variable.
- C. By accessing the Trigger.newMap context variable.
- D. By accessing the Tripper.newList context variabl

**Answer:** A

#### NEW QUESTION 194

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 195

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 199

A developer runs the following anonymous code block:

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



+Limits.getLimitDMLStatements());What is the result?

- A. 11, 150
- B. 150, 2
- C. 150, 11
- D. 2, 150

**Answer:** D

#### NEW QUESTION 201

A developer uses a before insert trigger on the Lead object to fetch the Territory c object, where the Territory c.PostalCode c matches the Lead.PostalCode. The code fails when the developer uses the Apex Data Loader to insert 10,000 Lead records. The developer has the following code block: Line-01: for (Lead l : Trigger.new){Line-02: if (l.PostalCode != null) {Line-03: List<Territory\_\_c> terrList = [SELECT Id FROM Territory c WHERE PostalCode c = :l.PostalCode];Line-04: if(terrList.size() > 0) Line-05: l.Territory c = terrList[0].Id; Line-06: }Line-07: }Which line of code is causing the code block to fail?

- A. Line-03: A SOQL query is located inside of the for loop code.
- B. Line-01: Trigger.new is not valid in a before insert Trigger.
- C. Line-02: A NullPointerException is thrown if PostalCode is null.
- D. Line-05: The Lead in a before insert trigger cannot be update

**Answer:** A

#### NEW QUESTION 202

Which action can a developer perform in a before update trigger? (Choose 2)

- A. Display a custom error message in the application interface.
- B. Change field values using the Trigger.new context variable.
- C. Delete the original object using a delete DML operation.
- D. Update the original object using an update DML operatio

**Answer:** AB

#### NEW QUESTION 204

A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field. The Case object and the Case Status field are on a custom visualforce page. Which action can the developer perform to get the record types and picklist values in the controller? Choose 2 answers

- A. Use Schema.PicklistEntry returned by Case Status getDescribe().getPicklistValues().
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType getDescribe().getRecordTypeInfos()
- C. Use SOQL to query Case records in the org to get all the RecordType values available for Case.
- D. Use SOQL to query Case records in the org to get all value for the Status picklist fiel

**Answer:** AB

#### NEW QUESTION 205

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 207

A developer creates an Apex class that includes private methods. What can the developer do to ensure that the private methods can be accessed by the test class?

- A. Add the TestVisible attribute to the Apex class
- B. Add the SeeAllData attribute to the test methods.
- C. Add the TestVisible attribute to the apex methods.
- D. Add the SeeAllData attribute to the test class

**Answer:** C

#### NEW QUESTION 211

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 215

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 Extension

**Answer:** D

#### NEW QUESTION 218

A developer has the following code: `try {List nameList;Account a;String s = a.Name;nameList.add(s);} catch (ListException le ) {System.debug(' List Exception ');} catch (NullPointerException npe) {System.debug(' NullPointerException ');} catch (Exception e) {System.debug(' Generic Exception ');}` What message will be logged?

- A. List Exception
- B. NullPointerException
- C. Generic Exception
- D. No message is logged

**Answer:** B

#### NEW QUESTION 221

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 225

A reviewer is required to enter a reason in the comments field only when a candidate is recommended to be hired. Which action can a developer take to enforce this requirement?

- A. Create a required Visualforce component.
- B. Create a formula field.
- C. Create a required comments field.
- D. Create a validation rule

**Answer:** D

#### NEW QUESTION 229

The Review\_c object has a lookup relationship to the job\_Application\_c object. The job\_Application\_c object has a master detail relationship up to the position\_c object. The relationship is based on the auto populated defaults?

What is the recommended way to display field data from the related Review \_C records a Visualforce page for a single Position\_c record? Select one of the following:

- A. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Job\_Application\_c object to display Review\_c data.
- B. Utilize the Standard Controller for Position\_c and a Controller Extension to query for Review\_c data.
- C. Utilize the Standard Controller for Position\_c and expression syntax in the Page to display related Review\_c through the Job\_Application\_c inject.
- D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

**Answer:** B

#### NEW QUESTION 232

A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL. Which statement is unnecessary inside the unit test for the custom controller?

- A. `Public ExtendedController (ApexPages.StandardController ctrl) { }`
- B. `ApexPages.currentPage().getParameters().put('input', 'TestValue')`
- C. `Test.setCurrentPage(pageRef),`
- D. `String nextPage = controller.save().getUrl();`

**Answer:** AD

#### NEW QUESTION 237

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 238

A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting. Once an application is submitted for a 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 master-detail relationship in the Job Postings custom object to the Applications custom object.
- B. Create a master-detail relationship in the Application custom object to the Job Postings custom object.
- C. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- D. Create a lookup relationship in the Applications custom object to the Job Postings custom object

**Answer:** A

#### NEW QUESTION 242

What is a capability of a StandardSetController? Choose 2 answers

- A. It allows pages to perform mass updates of records
- B. It allows pages to perform pagination with large record sets
- C. It enforces field-level security when reading large record sets
- D. It extends the functionality of a standard or custom controller

**Answer:** AB

#### NEW QUESTION 246

A Hierarchy Custom Setting stores a specific URL for each profile in Salesforce. Which statement can a developer use to retrieve the correct URL for the current user's profile and display this on a Visualforce Page?

- A. `{!$Setup.Url_Settings C.Instance[Profile.Id].URL c}`
- B. `{!$Setup.Url_Settings C.URL c}`
- C. `{!$Setup.Url_Settings C.[Profile.Id].URL c}`
- D. `{!$Setup.Url_Settings C.[$Profile.Id].URL c}`

**Answer:** B

#### NEW QUESTION 251

A developer needs to write a method that searches for a phone number that could be on multiple object types. Which method should the developer use to accomplish this task?

- A. SOQL Query that includes ALL ROWS
- B. SOQL query on each object
- C. SOSL Query that includes ALL ROWS
- D. SOSL query on each object

**Answer:** C

#### NEW QUESTION 256

How would a developer change the field type of a custom field on the Account object from string to an integer?

- A. Make the changes in the developer console, and then the change will automatically be reflected in the Apex code.
- B. Make the change in the declarative UI, then update the field type to an integer field in the Apex code.
- C. Make the change in the declarative UI, and then the change will automatically be reflected in the Apex code.
- D. Remove all references in the code, make the change in the declarative UI, and restore the references with the new type

**Answer:** D

#### NEW QUESTION 257

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 260

What is the proper process for an Apex Unit Test

- A. Query for test data using `SeeAllData = true`

- B. Call the method being teste
- C. Verify that the results are correct.
- D. Query for test data using SeeAllData = tru
- E. Execute runAllTests(). Verify that the results are correct.
- F. Create data for testin
- G. Execute runAllTests(). Verify that the results are correct.
- H. Create data for testin
- I. Call the method being teste
- J. Verify that the results are correc

**Answer:** D

#### NEW QUESTION 262

What can a Lightning Component contain in its resource bundle? Choose 2 answer

- A. Custom client side rendering behavior.
- B. Build scripts for minification
- C. Properties files with global settings
- D. CSS styles scoped to the component

**Answer:** AD

#### NEW QUESTION 265

On which object can an administrator create a roll-up summary field?

- A. Any object that is on the master side of a master-detail relationship.
- B. Any object that is on the parent side of a lookup relationship.
- C. Any object that is on the detail side of a master-detail relationship.
- D. Any object that is on the child side of a lookup relationshi

**Answer:** A

#### NEW QUESTION 268

Which option would a developer use to display the Accounts created in the current week and the number of related Contacts using a debug statement in Apex?

- A. For(Account acc: [SELECT Id, Name,(SELECT Id, Name FROM Contacts) FROM Account WHERE CreatedDate = THIS\_WEEK]) { List cons = acc.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'; }
- B. For(Account acc: [SELECT Id, Name, (SELECT Id, Name FROM Contacts) FROM Account WHERE CreatedDate = CURRENT\_WEEK]){ List cons = acc.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'); }
- C. For(Account acc:[SELECT Id, Name, Account.Contacts FROM Account WHERE CreatedDate = CURRENT\_WEEK]) { List cons = acc.Account.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts'); }
- D. For(Account acc: [SELECT Id, Name, Account.Contacts FROM Account WHERE CreatedDate = THIS\_WEEK]){ List cons = acc.Account.Contacts; System.debug(acc.Name + ' has ' + cons.size() + 'Contacts' }

**Answer:** A

#### NEW QUESTION 271

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