



# 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 three tools can deploy metadata to production? (Choose three.)

- A. Change Set from Developer Org
- B. Force.com IDE
- C. Data Loader
- D. Change Set from Sandbox
- E. Metadata API

**Answer: ADE**

#### 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

What should a developer use to implement an automatic Approval Process submission for Cases?

- A. An Assignment Rule
- B. Scheduled Apex
- C. Process Builder
- D. A Workflow Rule

**Answer: C**

#### NEW QUESTION 5

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 6

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 7

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 8

Which three options allow a developer to use custom styling in a Visualforce page? (Choose three.)

- A. <apex:stylesheet> tag
- B. Inline CSS
- C. <apex:style>tag
- D. <apex:stylesheets>tag
- E. A static resource

**Answer:** ABE

#### NEW QUESTION 9

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 10

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 10

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 13

A Platform Developer needs to write an Apex method that will only perform an action if a record is assigned to a specific Record Type.

Which two options allow the developer to dynamically determine the ID of the required Record Type by its name? (Choose two.)

- A. Make an outbound web services call to the SOAP API.
- B. Hardcode the ID as a constant in an Apex class.
- C. Use the getRecordTypeInfoByName() method in the DescribeSObjectResult class.
- D. Execute a SOQL query on the RecordType objec

**Answer:** CD

#### NEW QUESTION 17

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 account

**Answer:** CD

#### NEW QUESTION 20

What are two uses for External IDs? (Choose two.)

- A. To create relationships between records imported from an external system.
- B. To create a record in a development environment with the same Salesforce ID as in another environment
- C. To identify the sObject type in Salesforce
- D. To prevent an import from creating duplicate records using Upsert

**Answer:** AD

#### NEW QUESTION 25

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 26

A developer wrote a unit test to confirm that a custom exception works properly in a custom controller, but the test failed due to an exception being thrown. Which step should the developer take to resolve the issue and properly test the exception?

- A. Use try/catch within the unit test to catch the exception.
- B. Use the finally bloc within the unit test to populate the exception.
- C. Use the database methods with all or none set to FALSE.
- D. Use Test.isRunningTest() within the custom controlle

**Answer: A**

#### NEW QUESTION 27

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 31

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 36

What is the return data type when `ApexPages.currentPage().getParameters()` is used to retrieve URL parameters from a visualforce controller?

- A. Map
- B. List
- C. Enum
- D. String[]

**Answer: A**

#### NEW QUESTION 38

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 40

Before putting an app into production, which step should be taken?

- A. Run the production check feature via the web interface
- B. Switch to a production database
- C. Insure that you have installed a performance introspection add-on
- D. Scale your dynos

**Answer: A**

#### NEW QUESTION 45

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 48

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 51

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 52

What is the result of the following code block ?

```
Integer x = 1; Integer Y = 0; While(x < 10){Y++;}
```

- A. An error occurs
- B. Y = 9
- C. Y = 10
- D. X = 0

**Answer:** A

#### NEW QUESTION 55

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 58

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 59

Where can the custom roll-up summary fields be created using Standard Object relationships (Choose 3)

- A. On Opportunity using Opportunity Product records.
- B. On Account using Case records.
- C. On Quote using Order records.
- D. On Campaign using Campaign Member records.
- E. On Account using Opportunity record

**Answer:** ADE

#### NEW QUESTION 61

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 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 71

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 74

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 75

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

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

**Answer:** D

#### NEW QUESTION 76

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 78

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 79

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 84

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 86

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 87

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 89

Which resource can be included in a Lightning Component bundle?Choose 2 answers

- A. Apex class
- B. Adobe Flash
- C. JavaScript
- D. Documentation

**Answer:** CD

#### NEW QUESTION 91

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 94

Which type of information is provided by the Checkpoints tab in the Developer Console? (Choose 2)

- A. Namespace
- B. Time
- C. Exception
- D. Debug Statement

**Answer:** AB

#### NEW QUESTION 98

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 103

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 106

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 108

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 111

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 115

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 120

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 125

How can a developer determine, from the DescribeSObjectResult, if the current user will be able to create records for an object in Apex?

- A. By using the isInsertable() method.
- B. By using the isCreatable() method.
- C. By using the hasAccess() method.
- D. By using the canCreate() metho

**Answer:** B

#### NEW QUESTION 130

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 133

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 on 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 135

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 137

A developer has the following trigger that fires after insert and creates a child Case whenever a new Case is created. `List<Case> childCases = new List<Case>(); for (Case parent : Trigger.new){Case child = new Case (ParentId = parent.Id, Subject = parent.Subject); childCases.add(child);} insert childCases;` What happens after the code block executes?

- A. Multiple child cases are created for each parent case in Trigger.new.
- B. Child case is created for each parent case in Trigger.new.
- C. The trigger enters an infinite loop and eventually fails.
- D. The trigger fails if the Subject field on the parent is blank.

**Answer:** B

#### NEW QUESTION 140

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 141

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 143

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 147

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 151

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 156

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