



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 three options can be accomplished with formula fields? (Choose three.)

- A. Generate a link using the HYPERLINK function to a specific record.
- B. Display the previous value for a field using the PRIORVALUE function.
- C. Determine if a datetime field value has passed using the NOW function.
- D. Return and display a field value from another object using the VLOOKUP function.
- E. Determine which of three different images to display using the IF function

Answer: ACE

NEW QUESTION 4

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 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

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 7

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 8

Given:

Map<ID, Account> accountMap = new Map<ID, Account> ([SELECT Id, Name FROM Account]); What are three valid Apex loop structures for iterating through items in the collection? (Choose three.)

- A. for (ID accountID : accountMap.keySet()) {...}
- B. for (Account accountRecord : accountMap.values()) {...}
- C. for (Integer i=0; I < accountMap.size(); i++) {...}
- D. for (ID accountID : accountMap) {...}
- E. for (Account accountRecord : accountMap.keySet()) {...}

Answer: ABC

NEW QUESTION 9

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 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

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 11

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 objec

Answer: A

NEW QUESTION 13

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 16

A method is passed a list of generic sObjects as a parameter.

What should the developer do to determine which object type (Account, Lead, or Contact, for example) to cast each sObject?

- A. Use the first three characters of the sObject ID to determine the sObject type.
- B. Use the getSObjectType method on each generic sObject to retrieve the sObject token.
- C. Use the getSObjectName method on the sObject class to get the sObject name.
- D. Use a try-catch construct to cast the sObject into one of the three sObject type

Answer: B

NEW QUESTION 18

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 22

A platform developer at Universal Containers needs to create a custom button for the Account object that, when clicked, will perform a series of calculations and redirect the user to a custom Visualforce page.

Which three attributes need to be defined with values in the <apex:page> tag to accomplish this? (Choose three.)

- A. action
- B. renderAs
- C. standardController
- D. readOnly
- E. extensions

Answer: ABC

NEW QUESTION 24

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 26

A developer is asked to set a picklist field to 'Monitor' on any new Leads owned by a subnet of Users. How should the developer implement this request?

- A. Create an after insert Lead trigger.
- B. Create a before insert Lead trigger.
- C. Create a Lead Workflow Rule Field Update.
- D. Create a Lead formula field

Answer: C

NEW QUESTION 29

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 33

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 Trigger

Answer: BD

NEW QUESTION 35

A developer executes the following code in the Developer Console:

```
List<Account> fList = new List<Account> ();
For(integer i= 1; I <= 200; i++){fList.add(new Account ( Name = 'Universal Account ' + i));}
Insert fList;
List <Account> sList = new List<Account>();
For (integer I = 201; I <= 20000; i ++){sList.add(new Account (Name = 'Universal Account ' + i));}
Insert sList;
How many accounts are created in the Salesforce organization ?
```

- A. 20000
- B. 200
- C. 1000

Answer: B

NEW QUESTION 39

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 40

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 41

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 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 50

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 52

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 55

Which code block returns the ListView of an Account object using the following debug statement? `system.debug(controller.getListViewOptions());`

- A. `ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.getQueryLocator('SELECT Id FROM Account LIMIT 1'));`
- B. `ApexPages.StandardController controller = new ApexPages.StandardController([SELECT Id FROM Account LIMIT 1]);`
- C. `ApexPages.StandardController controller = new ApexPages.StandardController(Database.getQueryLocator('SELECT Id FROM Account LIMIT 1'));`
- D. `ApexPages.StandardController controller = new ApexPages.StandardController([SELECT Id FROM Account LIMIT 1]);`

Answer: A

NEW QUESTION 59

What is a characteristic of the Lightning Component Framework? Choose 2 answers:

- A. It has an event-driven architecture.
- B. It works with existing Visualforce pages.
- C. It includes responsive components.
- D. It uses XML as its data forma

Answer: AC

NEW QUESTION 61

When would a developer use a custom controller instead of a controller extension? Choose 2 answers:

- A. When a Visualforce page needs to replace the functionality of a standard controller.
- B. When a Visualforce page does not reference a single primary object.
- C. When a Visualforce page should not enforce permissions or field-level security.
- D. When a Visualforce page needs to add new actions to a standard controlle

Answer: BC

NEW QUESTION 66

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 68

Which requirement needs to be implemented by using standard workflow instead of Process Builder? Choose 2 answers

- A. Create activities at multiple intervals.
- B. Send an outbound message without Apex code.
- C. Copy an account address to its contacts.
- D. Submit a contract for approva

Answer: BC

NEW QUESTION 70

How would a developer determine if a CustomObject c record has been manually shared with the current user in Apex?

- A. By querying the role hierarchy.
- B. By calling the `isShared()` method for the record.
- C. By querying CustomObject Share.
- D. By calling the profile settings of the current use

Answer: C

NEW QUESTION 75

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 79

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 80

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 81

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 83

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 85

Which two are true regarding a Dyno? Choose 2 answers

- A. Is a light weight VM used to run code on the Heroku Platform
- B. Has the ability to sleep as a standard and performance Dyno
- C. Is a lightweight Linux container used in a collection to run Heroku applications
- D. Has Ephemeral filesystems and is rebooted every 24 hour

Answer: CD

NEW QUESTION 87

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 92

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 ca 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 97

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 100

What is a capability of the Force.com IDE? Choose 2 answers

- A. Roll back deployments.
- B. Run Apex tests.
- C. Download debug logs.
- D. Edit metadata component

Answer: BD

NEW QUESTION 103

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 106

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 108

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 109

What is a good practice for a developer to follow when writing a trigger? (Choose 2)

- A. Using @future methods to perform DML operations.
- B. Using the Map data structure to hold query results by ID.
- C. Using the Set data structure to ensure distinct records.
- D. Using synchronous callouts to call external system

Answer: BC

NEW QUESTION 112

When creating a record with a Quick Action, what is the easiest way to post a feed item?

- A. By selecting create feed item on the quick action.
- B. By adding a trigger on the new record.
- C. By adding a workflow rule on the new record.
- D. By selecting create case feed on the new recor

Answer: A

NEW QUESTION 113

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 116

What must the Controller for a Visualforce page utilize to override the Standard Opportunity view button?

- A. The StandardSetController to support related lists for pagination.
- B. The Opportunity StandardController for pre -built functionality.
- C. A callback constructor to reference the StandardController.
- D. A constructor that initializes a private Opportunity variable

Answer: B

NEW QUESTION 117

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 URL

Answer: AB

NEW QUESTION 118

Which component is available to deploy using Metadata API? Choose 2 answers

- A. Case Layout
- B. Account Layout
- C. Case Feed Layout
- D. ConsoleLayout

Answer: AB

NEW QUESTION 119

What would a developer do to update a picklist field on related Opportunity records when a modification to the associated Account record is detected?

- A. Create a process with Process Builder.
- B. Create a workflow rule with a field update.
- C. Create a Lightning Component.
- D. Create a Visualforce page

Answer: A

NEW QUESTION 123

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 operation

Answer: AB

NEW QUESTION 127

A developer has a block of code that omits any statements that indicate whether the code block should execute with or without sharing. What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the Salesforce organization?

- A. Apex Triggers
- B. HTTP Callouts
- C. Apex Controllers
- D. Anonymous Blocks

Answer: D

NEW QUESTION 128

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 field

Answer: AB

NEW QUESTION 130

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 133

A developer tasked with creating a schema to track Movies, Actors, and contracts. A single movie can have many contracts and a single actor can have many contracts. Each contract is owned and actively managed by a single user. Which schema should be created to enable user to easily manage the contract they own; without requiring access to the movie or the actor records?

- A. A master detail relationship to the movie object and a lookup relationship to the actor object
- B. A lookup relationship to the movie object and a lookup relationship to the actor object
- C. A lookup relationship to the movie object and a master detail relationship to the actor object
- D. A master detail relationship to the movie object and a master detail relationship to the actor object

Answer: B

NEW QUESTION 134

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 135

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 137

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 139

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 140

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 145

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