



Salesforce

Exam Questions CRT-450

Salesforce Certified Platform Developer I (SU18)

NEW QUESTION 1

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 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

A lead object has a custom field Prior_Email c. The following trigger is intended to copy the current Email into the Prior_Email c field any time the Email field is changed:

```
trigger test on Lead (before update) {
    for(Lead ld: trigger.new)
    {
        if(ld.Email != trigger.oldMap.get (ld.ld).email)
        {
            ld.Prior_Email__c = trigger.old,ap.get(ld.ld).email;
            update ld;
        }
    }
}
```

Which type of exception will this trigger cause?

- A. A null reference exception
- B. A compile time exception
- C. A DML exception
- D. A limit exception when doing a bulk update

Answer: C

NEW QUESTION 4

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 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

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 7

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 extension.

Answer: B

NEW QUESTION 8

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 construction 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 9

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 10

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 Dateline.
- E. Checkbox maps to Boolean.

Answer: ADE

NEW QUESTION 10

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 12

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

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

Answer: D

NEW QUESTION 15

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 19

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 23

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

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

Answer: D

NEW QUESTION 25

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 30

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 sObject

Answer: D

NEW QUESTION 33

A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to a parent Account in Salesforce. Which kind of relationship would a developer use to relate the Account to the Warehouse?

- A. One -to -Many
- B. Lookup
- C. Master -Detail
- D. Parent -Child

Answer: B

NEW QUESTION 36

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 40

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

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

Answer: C

NEW QUESTION 45

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 46

A Visual force page displays two fields named Phone Number and Email. User1 has access to Phone Number, but not to Email. User2 has access to Email, but not Phone Number. A developer needs to ensure that User1 can only see Phone Number, and User2 can only see Email. Which method can the developer use to achieve this?

- A. Schema isUpdateable() method.
- B. Schema isAccessible() method.
- C. Schema isReadable() method.
- D. Schema isCreateable() method.

Answer: B

NEW QUESTION 51

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 format.

Answer: AC

NEW QUESTION 53

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

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

Answer: AD

NEW QUESTION 55

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 58

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

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

Answer: A

NEW QUESTION 62

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

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

Answer: CD

NEW QUESTION 63

When loading data into an operation, what can a developer do to match records to update existing records? (Choose 2)

- A. Match an auto-generated Number field to a column in the imported file.
- B. Match an external Id Text field to a column in the imported file.
- C. Match the Name field to a column in the imported file.
- D. Match the Id field to a column in the imported file.

Answer: BD

NEW QUESTION 66

What is a capability of formula fields? (Choose 3)

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

Answer: ADE

NEW QUESTION 67

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 hours

Answer: CD

NEW QUESTION 71

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 72

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 76

A company that uses a Custom object to track candidates would like to send candidate information automatically to a third -party human resource system when a candidate is hired. What can a developer do to accomplish this task?

- A. Create an escalation rule to the hiring manager.
- B. Create an auto response rule to the candidate.
- C. Create a Process Builder with an outbound message action.
- D. Create a workflow rule with an outbound message action.

Answer: D

NEW QUESTION 77

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

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 82

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

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

Answer: BD

NEW QUESTION 85

What are two testing considerations 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 86

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 89

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 Page

Answer: AC

NEW QUESTION 91

A developer creates an Apex Trigger with the following code block:
`List<Account> customers = new List<Account>();
for (Order c : trigger.new){
 Account a = [SELECT Id, Is_Customer c FROM Account WHERE Id = :c.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 94

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 97

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 101

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 105

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 110

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 115

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 117

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 119

How can a developer avoid exceeding governor limits when using an Apex Trigger?choose 2 answers

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

Answer: CD

NEW QUESTION 121

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 122

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 123

What is the proper process for an Apex Unit Test

- A. Query for test data using SeeAllData = true
- B. Call the method being tested
- C. Verify that the results are correct.
- D. Query for test data using SeeAllData = true
- 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 tested
- J. Verify that the results are correct

Answer: D

NEW QUESTION 125

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 126

Which statement about the Lookup Relationship between a Custom Object and a Standard Object is correct?

- A. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object.
- B. The Lookup Relationship cannot be marked as required on the page layout for the Custom Object.
- C. The Custom Object will be deleted when the referenced Standard Object is deleted.
- D. The Custom Object inherits security from the referenced Standard Objects

Answer: C

NEW QUESTION 127

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