

Question 1:

A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.

Which two tools can they use to run a script that deploys to a sandbox?

Choose 2 answers

- **SFDX CLI**
- **Developer Console**
- **Change Sets**
- **VSCode**

Question 2:

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?

- Create a custom field on the child object of type External Relationship.
- Create a custom field on the child object of type Lookup.
- **Create and populate a custom field on the parent object marked as an External ID.**
- Create and populate a custom field on the parent object marked as Unique.

Question 3:

Given the following trigger Implementation:

```
trigger leadTrigger on Lead (before update) {  
    final ID BUSINESS_RECORDTYPEID = '012500000009Qad';  
  
    for(Lead thisLead : Trigger.new){  
  
        if(thisLead.Company !=null && thisLead.RecordTypeId !=  
        BUSINESS_RECORDTYPEID){  
  
            thisLead.RecordTypeId = BUSINESS_RECORDTYPEID;
```

```
    }  
}  
}
```

The developer receives deployment errors every time a deployment is attempted from Sandbox to Production.

What should the developer do to ensure a successful deployment?

- Ensure a record type with an ID of **BUSINESS_RECORDTYPEID** exists on Production prior to deployment.
- Ensure the deployment is validated by a System Admin user on Production.
- Ensure **BUSINESS_RECORDTYPEID** is pushed as part of deployment components
- **Ensure BUSINESS_RECORDTYPEID is retrieved using Schema.Describe calls.**

Question 4:

What should be used to create scratch orgs?

- **Salesforce CLI**
- Workbench
- Sandbox refresh
- Developer Console

Question 5:

A developer is creating a page that allows users to create multiple opportunities. The developer is asked to verify the current user's default Opportunity record type and set a certain default value based on the record type before inserting the record.

How can the developer find the current user's default record type?

- Use the `Schema.userInfo.Opportunity.getDefaultRecordType()` method.
- Create the opportunity and check the `opportunity.recordType` before inserting, which will have the record ID of the current user's default.
- **Use `Opportunity.SObjectType.getDescribe().getRecordTypeInfos()` to get a list of record types, and iterate through them until `isDefaultRecordTypeMapping()` is True.**

- Query the profile where the ID equals to userInfo.getProfileID() and then use the profile.Opportunity.getDefaultRecordType() method.

Question 6:

What should a developer use to fix a Lightning web component bug in a sandbox?

- **VS Code**
- **Developer Console**
- **Execute Anonymous**
- **Force.com IDE**

Question 7:

Ursa Major Solar (UMS) implemented a private sharing model for the Account object. A custom Account search tool was developed with Apex to help sales representatives find accounts that match multiple criteria they specify. Since its release, users of the tool report they can see Accounts they do not own.

What should the developer use to enforce sharing permissions for the currently logged-in user while using the custom search tool?

- Use the *without sharing* keyword on the class declaration.
- **Use the *with sharing* keyword on the class declaration.**
- Use the schema describe calls to determine if the logged-in user has access to the Account object.
- Use the *UserInfo* Apex class to filter all SOQL queries to returned records owned by the logged-in user.

Question 8:

A custom picklist field, Food_Preference__c, exist on a custom object. The picklist contains the following options: 'Vegan', 'Kosher', 'No Preference'. The developer must ensure a value is populated every time a record is created or updated. What is the most efficient way to ensure a value is selected every time a record is saved?

- Set a validation rule to enforce a value is selected.

- **Mark the field as Required on the field definition.**
- **Mark the field as Required on the object's page layout.**
- **Set 'Use the first value in the list as the default value' as True.**

Question 9:

Assuming that 'name' is a String obtained by an <apex:inputText> tag on a Visualforce page, which two SOQL queries performed are safe from SOQL injection?

Choose 2 answers.

- **String query = 'SELECT Id FROM Account WHERE Name LIKE \%" + name + "%\'; List<Account> results = Database.query(query);**
- **String query = 'SELECT Id FROM Account WHERE Name LIKE \%" + String.escapeSingleQuotes (name) + "%\'; List<Account> results = Database.query(query);**
- **String query = 'SELECT Id FROM Account WHERE Name LIKE \%" + name.noQuotes() + "%\'; List <Account> results = Database.query(query);**
- **String query = '%' + name + '%'; List<Account> results = [SELECT Id FROM Account WHERE Name LIKE :query];**

Question 10:

A recursive transaction is initiated by a DML statement creating records for these two objects:

- Accounts
- Contacts.

The Account trigger hits a stack depth of 16.

Which statement is true regarding the outcome of the transaction?

- **The transaction succeeds and all changes are committed to the database.**
- **The transaction is partially committed up until the stack depth is exceeded.**
- **The transaction fails and all the changes are rolled back.**
- **The transaction succeeds as long as the Contact trigger stack depth is less than or equal to 16.**

Question 11:

Which two statements accurately represent the MVC framework implementation in Salesforce?

Choose 2 answers.

- Lightning component HTML files represent the Model (M) part of the MVC framework.
- Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.
- Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.
- Records created or updated by triggers represent the Model (M) part of the MVC framework.

Question 12:

Which scenario is valid for execution by unit tests?

- Generate a Visual force PDF with `getContentAsPDF()`.
- Set the created date of a record using a system method.
- Load data from a remote site with a callout.
- Execute anonymous Apex as a different user.

Question 13:

A developer has an Apex controller for a Visualforce page that takes an ID as a URL parameter.

How should the developer prevent a cross-site scripting vulnerability?

- `String.ValueOf(ApexPages.currentPage().getParameters().get('url_param'))`
- `ApexPages.currentPage().getParameters().get('url_param').escapeHtml4()`
- `ApexPages.currentPage().getParameters().get('url_param')`
- `String.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))`

Question 14:

The OrderHelper class is a utility class that contains business logic for processing orders. Consider the following code snippet:

```
Public class without sharing OrderHelper {
```

```
    //code implementation
```

```
}
```

A developer needs to create a constant named DELIVERY_MULTIPLIER with a value of 4.15. The value of the constant should not modify any time in the code.

How should the developer declare the DELIVERY_MULTIPLIER constant to meet the business objectives?

- **static final decimal DELIVERY_MULTIPLIER = 4.15;**
- **decimal DELIVERY_MULTIPLIER = 4.15;**
- **static decimal DELIVERY_MULTIPLIER = 4.15;**
- **constant decimal DELIVERY_MULTIPLIER = 4.15;**

Question 15:

A developer is asked to create a Visualforce page that displays some Account fields as well as fields configured on the page layout for related contacts.

How should the developer implement this request?

- **Create a controller extension.**
- **Use the <apex:relatedList> tag.**
- **Add a method to the standard controller.**
- **Use the <apex:include> tag.**

Question 16:

An Approval Process is defined in the Expense_Item__c object. A business rule dictates that whenever a user changes the Status to 'Submitted' on an Expense_Report__c, all the Expense_Item__c records related to the expense report must enter the approval process individually.

Which approach should be used to ensure the business requirement is met?

- Create two Process Builders, one on Expense_Report__c to mark the related Expense_Item__c as submittable and the second on Expense_Item__c to submit the record for approval.
- Create a Process Builder on Expense_Report__c to mark the related Expense_Report__c as submittable and a trigger on Expense_item__c to submit the record for approval.
- Create a Process Builder on Expense_Report__c with a 'Submit for Approval' action type to submit all related Expense_Item__c records when the criteria is met.
- Create a Process Builder on Expense_Report__c with an 'Apex' action type to submit all related Expense_Item__c record when the criteria is met.

Question 17:

When importing and exporting data into Salesforce, which two statements are true?

Choose 2 answers.

- Bulk API can be used to import large data volumes in development environments without bypassing the storage limits.
- The data import wizard is a client application provided by Salesforce. 
- Developer and Developer Pro sandboxes have different storage limits.
- Bulk API can be used to bypass the storage limits when importing large data volumes in development environments.

Question 18:

A developer creates a Lightning web component that imports a method within an Apex class. When a Validation button is pressed, that runs to execute complex validations.

In this implementation scenario, which artifact is part of the Controller according to the MVC architecture?

- XML file
- JavaScript file
- Apex class
- HTML file

Question 19:

A developer created a child Lightning web component nested inside a parent Lightning web component. The parent component needs to pass a string value to the child component.

In which two ways can this be accomplished?

Choose 2 answers.

- The parent component can use the Apex controller class to send data to the child component.
- The parent component can invoke a method in the child component.
- The parent component can use a custom event to pass the data to the child component.
- The parent component can use a public property to pass the data to the child component.

Question 20:

What should a developer do to check the code coverage of a class after running all tests?

- Select and run the class on the Apex Test Execution page.
- View the Class Test Coverage tab on the Apex Class record in Salesforce Setup.
- View the Overall Code Coverage panel of the Tests tab in the Developer Console.
- View the Code Coverage column in the list view on the Apex Classes page.

Question 21:

A developer wants to import 500 Opportunity records into a sandbox.

Because of what reason developer choose Data Loader over the Data Import Wizard?

- Data Import Wizard can not import all 500 records.
- Data Import Wizard does not support Opportunities.
- Data Loader automatically relates Opportunities to Accounts.
- Data Loader runs from the developer's browser.

Question 22:

What are the three characteristics of changeset deployments?

Choose 3 answers.

- Deployment is done in a one-way, single transaction.
- Changesets can deploy custom settings data.
- Changesets can be used to transfer records.
- Sending a changeset between two orgs requires a deployment connection.
- Changesets can only be used between related organizations.

Question 23:

What is the result of the following code snippet?

```
public void doWork(Account acct){  
    for (Integer i = 0; i <= 200; i++) {  
        insert acct;  
    }  
}
```

- 0 Accounts are inserted.
- 201 Accounts are inserted.
- 1 Account is inserted.
- 200 Accounts are inserted.

Question 24:

Since Aura application events follow the traditional publish-subscribe model.

Which method is used to fire an event?

- **fire()**
- **emit()**
- **registerEvent()**
- **fireEvent()**

Question 25:

When a user edits the Postal Code on an Account, a custom account text field named "Timezone" must be updated based on the values in a PostalCodeToTimezone__c custom object.

How can a developer implement this feature?

- **Build an Account Approval Process.**
- **Build a Workflow Rule.**
- **Build an Account Assignment Rule.**
- **Build a Flow with Flow Builder.**

Another Answer:

*Account trigger/account custom trigger
*fast field updates record-triggered flow

Question 26:

What is the maximum number of SOQL queries used by the following code?

```
List<Account> aList = [SELECT Id FROM Account LIMIT 5];
for (Account a : aList){
    List<Contact> cList = [SELECT Id FROM Contact WHERE AccountId = :a.Id];
}


- 5
- 6
- 2
- 1

```

Question 27:

Which statement describes the execution order when triggers are associated to the same object and event?

- **Trigger execution order cannot be guaranteed.**

- Triggers are executed in the order they are created.
- Triggers are executed alphabetically by trigger name.
- Triggers are executed in the order they are modified.

Question 28:

Which two statements are accurate regarding Apex classes and interfaces?

Choose 2 answers.

- Interface methods are public by default.
- Classes are final by default.
- Inner classes are public by default.
- A TOP-LEVEL Class can only have one inner class level.

Question 29:

What are two use cases for executing Anonymous Apex code?

Choose 2 answers.

- To run a batch Apex class to update all Contacts.
- To add unit test code coverage to an org.
- To schedule an Apex class to run periodically.
- To delete 15,000 inactive Accounts in a single transaction after a deployment.

Question 30:

Which two statements are true about Getter and Setter methods as they relate to Visual force?

Choose 2 answers.

- Setter methods always have to be declared global.
- Setter methods are required to pass a value from a page to a controller.
- Getter methods can pass a value from a controller to a page.
- There is no guarantee for orders in which Getter or Setter methods are executed.

Question 31:

A developer must create a *ShippingCalculator* class that cannot be instantiated and must include a working default implementation of a calculate method, that sub-classes can override.

What is the correct implementation of the *ShippingCalculator* class?

- **public abstract class ShippingCalculator {
 public override calculate() /* implementation */
}**
- **public abstract class ShippingCalculator {
 public void calculate() /* implementation */
}**
- **public abstract class ShippingCalculator {
 public virtual void calculate() /* implementation */
}
• **public abstract class ShippingCalculator {
 public abstract calculate() /* implementation */
}****

Question 32:

A developer has to identify a method in an Apex class that performs resource-intensive actions in memory by iterating over the result set of a SOQL statement on the account. The method also performs a DML statement to save the changes to the database.

Which two techniques should the developer implement as a best practice to ensure transaction control and avoid exceeding governor limits?

Choose 2 answers.

- **Use the System.Limit class to monitor the current CPU governor limit consumption.**
- **Use Partial DML statements to ensure only valid data is committed.**
- **Use the Database.Savepoint method to enforce database integrity.**
- **Use the @ReadOnly annotation to bypass the number of rows returned by a SOQL.**

Question 33:

A developer wants to mark each Account in a *List<Account>* as either Active or Inactive based on the *LastModifiedDate* field value being more than 90 days.

Which Apex technique should the developer use?

- A **for loop**, with a **switch statement inside**.
- A **for loop**, with an **if/else statement inside**.
- A **Switch statement**, with a **for loop inside**.
- An **if/else statement**, with a **for loop inside**.

Question 34:

Cloud Kicks (CK) wants to lower its shipping cost while making the shipping process more efficient. The Distribution Officer advises CK to implement global addresses to allow multiple Accounts to share a default pickup address.

The developer is tasked to create the supporting object and relationship for this business requirement and uses the Setup Menu to create a custom object called "Global Address".

Which field should the developer add to create the most efficient model that supports the business need?

- Add a Master-Detail field on the Account object to the Global Address object.
- **Add a Lookup field on the Account object to the Global Address object.**
- Add a Lookup field on the Global Address object to the Account object.
- Add a Master-Detail field on the Global Address object to the Account object.

Question 35:

Which two types of process automation can be used to calculate the shipping cost for an Order when the Order is placed and apply a percentage of the shipping cost to some of the related Order Products?

Choose 2 answers.

- **Approval Process**

- **Process Builder**
- **Workflow Rule**
- **Flow Builder**

Question 36:

The following Apex method is part of the ContactService class that is called from a trigger:

```
public static void setBusinessUnitToEMEA(Contact thisContact){
    thisContact.Business_Unit__c = 'EMEA';
    update thisContact;
}
```

How should the developer modify the code to ensure best practices are met?

- **public static void setBusinessUnitToEMEA (List<Contact> contacts) {**
- for (Contact thisContact : contacts) {**
- thisContact.Business_Unit__c = 'EMEA' ;**
- update contacts[0] ;**
- }**
- **public void setBusinessUnitToEMEA (List<Contact> contacts) {**
- contacts[0].Business_Unit__c = 'EMEA' ;**
- update contacts[0] ;**
- **public static void setBusinessUnitToEMEA(Contact thisContact) {**
- List<Contact> contacts = new List<contact>() ;**
- contacts.add(thisContact.Business_Unit__c = 'EMEA') ;**
- update contacts ;**
- **public static void setBusinessUnitToEMEA (List<Contact> contacts) {**

```
for ( Contact thisContact : contacts) {  
    thisContact.Business_Unit__c = 'EMEA';  
}  
  
update contacts;  
}
```

Question 37:

Consider the following code snippet:

```
public static void insertAccounts (List<Account> theseAccounts) {  
  
    for (Account thisAccount : theseAccounts) {  
  
        if (thisAccount.website == null) {  
  
            thisAccount.website = 'https://www.demo.com';  
  
        }  
  
    }  
  
    update theseAccounts;  
}
```

When the code executes, a DML exception is thrown.

How should the developer modify the code to ensure exceptions are handled gracefully?

- **Implement Change Data Capture.**
- **Remove null items from the list of Accounts**
- **Implement a try/catch block for the DML.**
- **Implement the upsert DML statement.**

Question 38:

A developer wants to invoke an outbound message when a record meets a specific criteria.

Which two features satisfy this use case?

Choose two answers.

- Flow Builder can be used to check the record criteria and send an outbound message without additional code.
- Next Best Action can be used to check the record criteria and send an outbound message.
- The Approval Process has the capability to check the record criteria and send an outbound message without an Apex code.
- Process Builder can be used to check the record criteria and send an outbound message without Apex Code.

Question 39:

How does the lightning component framework help developers implement solutions faster?

- By providing code review standards and processes.
- By providing device-awareness for mobile and desktops.
- By providing change history and version control.
- By providing an agile process with default steps.

Question 40:

A workflow updates the value of a custom field for an existing Account.

How can a developer access the updated custom field value from a trigger?

- By writing an After Insert trigger and accessing the field value from Trigger.old
- By writing a Before Update trigger and accessing the field value from Trigger.new
- By writing an After Update trigger and accessing the field value from Trigger.old
- By writing a Before Insert trigger and accessing the field value from Trigger.new

Question 41:

If Apex code executes inside the `execute()` method of an Apex class when implementing the `Batchable` interface, which two statements are true regarding governor limits?

Choose 2 answers.

- The Apex governor limits cannot be exceeded due to the asynchronous nature of the transaction.
- The Apex governor limits are reset for each iteration of the `execute()` method.
- The Apex governor limits might be higher due to the asynchronous nature of the transaction.
- The Apex governor limits are relaxed while calling the constructor of the Apex class.

Question 42:

Ursa Major Solar (UMS) has an order system that uses an Order Number to identify an order for customers and service agents. Order records will be imported into Salesforce.

How should the Order Number field be defined in Salesforce?

- Number with External ID
- Lookup
- Direct Lookup
- Indirect Lookup

Question 43:

What is an example of a polymorphic lookup field in Salesforce?

- A custom field, `Link__c`, on the standard Contact object that looks up to an Account or a Campaign.
- The `WhatId` field on the standard Event object.
- The `LeadId` and `ContactId` fields on the standard Campaign Member object.
- The `ParentId` field on the standard Account object.

Question 44:

A Visual Flow uses an apex Action to provide additional information about multiple Contacts, stored in a custom class, `ContactInfo`.

Which is the correct definition of the Apex method that gets the additional information?

- `@InvocableMethod(label='Additional Info')
public List<ContactInfo> getInfo(List<Id>contactIds)
{ /*implementation*/ }`
- `@InvocableMethod(label='Additional Info')
public static ContactInfo getInfo(Id contactId)
{ /*implementation*/ }`
- `@InvocableMethod(label='Additional Info')
public ContactInfo getInfo(Id contactId)
{ /*implementation*/ }`
- `@InvocableMethod(label='Additional Info')
public static List<ContactInfo>getInfo(List<Id>contactIds)
{ /*Implementation*/ }`

Question 45:

A developer is writing tests for a class and needs to insert records to validate functionality.

Which annotation method should be used to create records for every method in the test class?

- `@isTest (SeeAllData=true)`
- `@testSetup`
- `@preTest`
- `@startTest`

Question 46:

Which process automation should be used to send an outbound message without using Apex code?

- **Strategy Builder.**
- **Workflow Rule.**
- **Flow Builder.**
- **Process Builder.**

Question 47:

A developer creates a new Apex trigger with a helper class and writes a test class that only exercises 95% coverage of the new Apex helper class.

ChangeSet deployment to production fails with the test coverage warning:

"Test coverage of selected Apex Trigger is 0%, at least 1% test coverage is required."

What should the developer do to successfully deploy the new Apex trigger and helper class?

- Run the tests using the 'Run All Tests' method.
- **Create a test class and methods to cover the Apex trigger.**
- Remove the failing test methods from the test class.
- Increase the test class coverage on the helper class.

Question 48:

What is the result of the following code?

```
Account a = new Account();
```

```
Database.insert(a , false);
```

- **The record will not be created and no error will be reported.**
- The record will be created and a message will be in the debug log.
- The record will not be created and an exception will be thrown.
- The record will be created and no error will be reported.

Question 49:

Which two operations can be performed using a formula field?

Choose 2 answers.

- Displaying the last four digits of an encrypted Social Security number.
- **Calculating a score on a lead based on the information from another field.**
- Triggering a Process Builder.
- **Displaying an image based on the opportunity Amount.**

Question 50:

What are three considerations when using the `@InvocableMethod` annotation in Apex?

Choose 3 answers.

- Only one method using the `@InvocableMethod` annotation can be defined per Apex class.
- A method using the `@InvocableMethod` annotation can be declared as Public or Global.
- A method using the `@InvocableMethod` annotation must define a return value.
- A method using the `@InvocableMethod` annotation can have multiple input parameters.
- A method using the `@InvocableMethod` annotation must be declared as static.

Question 51:

How should a developer write unit tests for a private method in an Apex class?

- Use the See All Data annotation.
- Mark the Apex class as global.
- Use the Test Visible annotation.
- Add a test method in the Apex class.

Question 52:

A developer created a Visualforce page and custom controller to display the account type field as shown below.

Custom controller code:

```
Public with sharing class customCtrlr{  
    Private Account theAccount;  
    Public String actType;  
    Public customCtrlr() {
```

```

        theAccount = [SELECT Id, Type FROM Account WHERE Id =
:ApexPages.currentpage{}.getParameters{}.get('id')];

        actType = theAccount.Type;
    }

}

```

Visualforce page snippet:

The Account Type is {!actType}

The value of the account type field is not being displayed correctly on the page.
Assuming the custom controller is properly referenced on the Visualforce page, What should the developer do to correct the problem?

- **Add a getter method for the act Type attribute.**
- **Change *theAccount* attribute to public.**
- **Convert *the.Account.Type* to a String.**
- **Add with sharing to the custom controller.**

Question 53:

A developer creates a custom exception as shown below:

public class ParityException extends Exception ()

What are two ways the developer can fire the exception in Apex?

Choose 2 answers.

- ***new ParityException ('parity does not match');***
- ***throw new ParityException ('parity does not match');***
- ***new ParityException ();***
- ***throw new ParityException();***

Question 54:

An org tracks customer orders on an Order object and the line Items of an Order on the Line Item object. The line Item object has a Master-Detail relationship to the order object.

A developer has a requirement to calculate the order amount on an Order and the line amount on each Line Item based on quantity and price.

What is the correct implementation?

- Write a single before trigger on the Line Item that calculates the item amount and updates the order amount on the Order.
- Implement the line amount as a currency field and the order amount as a SUM formula field.
- **Implement the line amount as a numeric formula field and the order amount as a roll-up summary field.**
- Write a process on the Line Item that calculates the item amount and order amount and updates the fields on the Line Item and the Order.

Question 55:

A developer must create an Apex class, **ContactController**, that a Lightning component can use to search for Contact records.

Users of the Lightning component should only be able to search for Contact records to which they have access.

Which two will restrict the records correctly?

Choose 2 answers.

- public class ContactController.
- **public with sharing class ContactController.**
- public without sharing class ContactController.
- **public inherited sharing class ContactController.**

Question 56:

A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated.

The field update in the workflow rule is configured to not re-evaluate workflow rules.

What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

- 3
- 4
- 1
- 2

Question 57:

A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations.

Which type of Salesforce orgs should they use for their development?

- Developer sandboxes
- Developer orgs
- Scratch orgs
- Full Copy sandboxes

Question 58:

An Apex method, `getAccounts`, that returns a List of Accounts given a `searchTerm`, is available for Lightning Web components to use.

What is the correct definition of a Lightning Web component property that uses the `getAccounts` method?

- `@AuraEnabled(getAccounts, (searchTerm: '$searchTerm'))
accountList;`
- `@AuraEnabled(getAccounts, '$searchTerm')
accountList;`
- `@wire(getAccounts, '$searchTerm')
accountList;`
- `@wire(getAccounts, { searchTerm: '$searchTerm' })
accountList;`

Question 59:

Which three statements are accurate about debug logs?

Choose 3 answers.

- To View Debug Logs, “Manage Users” or “View All Data” permission is needed.
- Debug Log Levels are cumulative, where FINE Log level includes all events logged at the DEBUG, INFO, WARN, and ERROR levels.
- To View Debug Logs, “Manage Users” or “Modify All Data” permission is needed.
- The amount of information logged in the debug log can be controlled by the log levels.
- The amount of information logged in the debug log can be controlled programmatically.
 - *System debug logs are retained for 24 hours
 - *Debug logs can be set for specific users, classes and triggers
 - *Debug logs are cumulative..

Question 60:

A developer wants to retrieve the Contacts and Users with the email address 'dev@uc.com'. Which SOSL statement should the developer use?

- FIND {dev@uc.com} IN Email Fields RETURNING Contact (Email), User (Email)
- FIND Email IN Contact, User FOR {dev2uc.com}
- FIND {Email = 'dev@uc.com'} IN Contact, User
- FIND {Email = 'dev@uc.com'} RETURNING Contact (Email), User (Email)

Question 61:

What is the value of the *Trigger.old* context variable in a Before *insert* trigger?

- A list of newly created sObjects without IDs
- Null
- Undefined
- An empty list of sObjects

Question 62: confusucion

Cloud Kicks stores Orders and Line Items in Salesforce. For security reasons, financial representatives are allowed to see information on the Order such as order amount, but they are not allowed to see the Line items on the Order.

Which type of relationship should be used?

- Direct Lookup.
- Master-Detail.
- Indirect lookup.
- **Lookup.**

Question 63:

A developer needs to prevent the creation of Request__c records when certain conditions exist in the system.

A RequestLogic Class exists that checks the conditions.

What is the correct implementation?

- trigger RequestTrigger on Request__c (before insert) {


```
RequestLogic.validateRecords(trigger.new);
```

}
- trigger RequestTrigger on Request__c (after insert) {


```
if (RequestLogic.isValid(Request__c))
    RequestaddError('Your request cannot be created at this time.');
```

}
- trigger RequestTrigger on Request__c (after insert) {


```
RequestLogic.validateRecords (trigger.new);
```

}
- trigger RequestTrigger on Request__c (before insert) {


```
if (RequestLogic.isValid (Request__c))
    RequestaddError('Your request cannot be created at this time.');
```

}

Question 64:

Which three data types can a SOQL query return?

Choose 3 answers.

- Double
- Integer
- Long

- List
- sObject

Question 65:

A developer has an integer variable called *maxAttempts*. The developer needs to ensure that once *maxAttempts* is initialized, it preserves its value for the length of the Apex transaction; while being able to share the variable's state between trigger executions.

How should the developer declare *maxAttempts* to meet these requirements?

- Declare *maxAttempts* as a member variable on the trigger definition.
- Declare *maxAttempts* as a private static variable on a helper class.
- **Declare *maxAttempts* as a constant using the *static* and *final* keywords.**
- Declare *maxAttempts* as a variable on a helper class.

- Universal Containers has a Visualforce page that displays a table of every Container_c being rented by a given Account. Recently this page is failing with a view state limit because some of the customers rent over 10,000 containers.

What should a developer change about the Visualforce page to help with the page load errors?

- Implement pagination with a StandardSetController.
 - Use JavaScript remoting with SOQL Offset.
 - Use lazy loading and a transient List variable.
 - Implement pagination with an OffsetController.
- Universal Containers wants Opportunities to no longer be editable when reaching the Closed/Won stage.

How should a developer accomplish this?

- Mark fields as read-only on the page layout
 - Use the Process Automation. settings.
 - Use Flow Builder.
 - Use a validation rule.
- A third-party vendor created an unmanaged Lightning web component. The Salesforce Administrator wishes to expose the component only on Record Page Layouts.

Which two actions should the developer take to accomplish this business objective?

Choose 2 answers.

- Specify lightningCommunity_Page as a target in the XML file.
- Ensure isExposed is set to true on the XML file.
- Specify lightening_Community_Page_Layout as a target in the XML file.
- Specify lightning_RecordPage as a target in the XML file.

- 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?

- 1
- 11
- 10
- Null

5. A developer receives an error when trying to call a global server-side method using the `@remoteAction` decorator.

How can the developer resolve the error?

- **Decorate the server-side method with `(static=true)`.**
- **Add `static` to the server-side method signature.**
- **Change the function signature to be private static.**
- **Decorate the server-side method with `(static=false)`.**

6. A software company uses the following objects and relationships:

- Case: to handle customer support issues.
- Defect_c: a custom object to represent known issues with the company's software.
- Case_Defect_c: a Junction object between Case and Defect_c to represent that a defect is a cause of a customer issue.
- Case and Defect_c have Private organization-wide defaults.

What should be done to share a specific Case_Defect_c record with the user?

- Share the Case_Defect_c record.
- Share the parent Defect_c record.
- Share the parent Case record.
- **Share the parent Case and Defect_c records.**

7. A team of many developers works in their own individual orgs that have the same configuration as the production org.

Which type of org is best suited for this scenario?

- Partner Developer Edition.
- Developer Edition.
- Full Sandbox.
- **Developer Sandbox.**

8. Refer to the code below:

```
const p1 = 3.1415926;
```

What is the data type of p1?

- **Decimal**
- Double
- **Number**
- **Float**

9. A business implemented a gamification plan to encourage its customers to watch some educational videos.

Customers can watch videos over several days, and their progress is recorded. Award points are granted to customers for all completed videos. When the video is marked as completed in Salesforce, an external web service must be called so that points can be awarded to the user.

A developer implemented these requirements in the after update trigger by making a call to an external web service. However, a *System.CalloutException* is occurring.

What should the developer do to fix this error?

- Write a REST service to integrate with the external web service.
- **Move the callout to an asynchronous method with `@future(callout=true)` annotation.**
- Replace the after update trigger with a before insert trigger.
- Surround the external call with a try-catch block to handle the exception.

10. Which statement should be used to allow some of the records in a list of records to be inserted if others fail to be inserted?

- **insert (records, false)**
- **insert records**
- **Database.insert(records, true)**
- **Database.insert(records, false)**

11. What does the Lightning Component framework provide to developers?

- **Support for Classic and Lightning UIs.**
- **Extended governor limits for applications.**
- **Templates to create custom components.**
- **Prebuilt components that can be reused.**

Question 12:

A developer is creating a lightning web component to show a list of sales records.

The Sales Representative user should be able to see the commission field on each record. The sales assistant should be able to see all fields on the record except the commission field.

How should this be enforced so that the component works for both users without showing any error?

- **Use Lightning Data Service to get the collection of sales records.**
- **Use Security.stripInaccessible to remove fields inaccessible to the current user.**
- **Use WITH SECURITY_ENFORCED in the SOQL that fetches the data for the component.**
- **Use Lightning Locker Service to enforce sharing rules and field-level security.**

Question 13:

What are two characteristics related to formulas?

Choose 2 answers.

- Fields that are used in a formula field can be deleted or edited without editing the formula.
- Formulas can reference values in related objects.
- Formulas are calculated at runtime and are not stored in the database.
- Formulas can reference themselves.

Question 14:

Which Salesforce org has a complete duplicate copy of the production org including data and configuration?

- Full Sandbox.
- Developer Pro Sandbox.
- Partial Copy Sandbox.
- Production.

Question 15:

Which code should be used to update an existing Visualforce page that uses a standard Visualforce component so that the page matches the look and feel of Lightning Experience?

- <apex:includeLightning/>
- <apex:stylesheet value="{\$URLFOR{\$Resource.slds,'assets/slds.css'}}">
- <apex:page LightningStyleSheets="true">
- <apex:slds/>

Question 16:

Which annotation exposes an Apex class as a RESTful web service?

- @RestResource
- RemoteAction
- @HttpInvocable
- @AuraEnabled

Question 17:

A developer wants to get access to the standard pricebook in the org while writing a test class that covers an OpportunityLineItem trigger.

Which method allows access to the pricebook?

- Use `@TestVisible` to allow the test method to see the standard pricebook.
- Use `@IsTest(SeeAllData=true)` and delete the existing standard pricebook.
- Use `Test.loadData()` and static resource to load a standard pricebook.
- Use `Test.getStandardPricebookId()` to get the standard pricebook ID.

Question 18:

While writing an Apex class that creates Accounts, a developer wants to make sure that all required fields are handled properly.

Which approach should the developer use to sure that the Apex class works correctly?

- Run the code in an Execute Anonymous block.
- Add the business logic to a test class.
- Include a try/catch block to the Apex class.
- Perform a code review with another developer.

Question 19:

Which three operations affect the number of times a trigger can fire?

Choose 3 answers.

- Criteria-based Sharing calculations.
- Roll-up Summary fields.
- Email messages.
- Lightning Flows.
- Workflow Rules.

Question 20:

Management asked for opportunities to be automatically created for accounts with annual revenue greater than \$ 1,000,000.

A developer created the following trigger on the Account object to satisfy the requirement.

```
for(Account a: Trigger.new) {  
    if(a.AnnualRevenue > 1000000) {  
        List<Opportunity> oppList = [SELECT Id FROM Opportunity WHERE accountId =  
        (a.Id);  
        If (oppList.size () == 0) {  
            Opportunity oppty = new Opportunity (Name = a.name, StageName =  
            'Prospecting',  
            CloseDate = system.today () . addDays (30));  
            insert oppty;  
        }  
    }  
}
```

Users are able to update the account records via the UI and can see an opportunity created for high annual revenue accounts. However, when the administrator tries to upload a list of 179 accounts using Data Loader, it fails with *System.Exception* errors.

Which two actions should the developer take to fix the code segment shown above?

Choose 2 answers.

- Use **Database.query** to query the opportunities.
- Check if all the required fields for Opportunity are being added on creation.
- **Query for existing opportunities outside of the for loop.**

- Move the DML that saves opportunities outside of the for loop.

Question 21:

Which two events need to happen when deploying to a production org?

Choose 2 answers.

- All Apex code must have at least 75% test coverage.
- All Visual Flows must have at least 1% test coverage.
- All triggers must have at least 1% test coverage.
- All process Builder Processes must have at least 1% test coverage.

Question 22:

For which three items can a trace flag be configured?

Choose 3 answers.

- Apex Trigger.
- Visualforce.
- Apex Class.
- User.
- Process Builder.

Question 23:

A developer is asked to create a Visualforce page that lists the contacts owned by the current user. This component will be embedded in a Lightning page.

Without writing unnecessary code, which controller should be used for this purpose?

- Lightning controller.
- Standard list controller.
- Standard controller.
- Custom controller.

Question 24:

A Developer Edition org has five existing accounts. A developer wants to add 10 more accounts for testing purposes.

The following code is executed in the Developer Console using the Execute Anonymous window:

```
Account myAccount = new Account (Name = 'MyAccount' );
Insert myAccount;
Integer x = 1;
List<Account> newAccounts = new List<Account> ();
do (
    Account acct = new Account (Name = 'New Account ' + x++ );
    newAccounts.add(acct);
) while (x < 10);
```

How many total accounts will be in the org after this code is executed?

- **5**
- 15
- 6
- 10

Question 25:

Which action may cause triggers to fire?

- **Changing a user's default division when the transfer division option is checked.**
- **Cascading delete operations.**
- **Renaming or replacing a picklist entry.**
- **Updates to Feed Items.**

Question 26:

A developer is tasked with performing a complex validation using Apex as part of advanced business logic. When certain class PurchaseOrder, the developer must throw a custom exception.

What is the correct way for the developer to declare a class that can be used as an exception?

- **public class PurchaseOrder implements Exception { }**
- **public class PurchaseOrderException implements Exception { }**
- **public class PurchaseOrder extends Exception { }**
- **public class PurchaseOrderException extends Exception { }**

Question 27:

A developer needs an Apex method that can process Account or Contact records.

Which method signature should the developer use?

- **Public void doWork(Account || Contatc)**
- **Public void doWork(Account Contact)**
- **Public void doWork(sObject theRecord)**
- **Public void doWork(Record theRecord)**

Question 28:

A developer created a trigger on the Account object and wants to test if the trigger is properly bulkified. The developer team decided trigger should be tested with 200 account records with unique names.

What two things should be done to create the test data within the unit test with the least amount of code

Choose 2 answers.

- **Use the @isTest (seeAllData=true) annotation in the test class.**
- **Use the @isTest (isParallel=true) annotation in the test class.**

- Use `Test.loadData` to populate data in your test methods.
- Create a static resource containing test data.

Question 29:

A developer wrote the following two classes:

```
public with sharing class StatusFetcher {  
    private Boolean active = true;  
  
    private Boolean isActive () {  
        return active;  
    }  
}
```

```
public with sharing class Calculator {  
    public void doCalculations () {  
        StatusFetcher sFetcher = new StatusFetcher ();  
        If (sFetcher.isActive ()) {  
            // do calculations here  
        }  
    }  
}
```

The `StatusFetcher` class successfully compiled and saved. However, the `Calculator` class has a compile-time error.

How should the developer fix this code?

- Change the class declaration for the *Calculator* class to public with inherited sharing.
- Change the class declaration for the *StatusFetcher* class to public with inherited sharing.
- Make the *docalculations* method in the *Calculator* class private.
- Make the *isActive* method in the *StatusFetcher* class public.

Question 30:

An org has two custom objects:

- *Plan__c*, which has a master-detail relationship to the Account object.
- *Plan_Item__c*, which has a master-detail relationship to the *Plan__c* object.

What should a developer use to create a Visualforce section on the Account page layout that displays all of the Plan, Account, and all of the *Plan_Item__c* records related to those *Plan__c* records.

- A standard controller with a controller extension.
- A custom controller by itself.
- A controller extension with a custom controller.
- A standard controller with a custom controller.

Question 31:

The following automations already exists on the Account object:

- A workflow rule that updates a field when a certain criteria is met
- A custom validation on the field.
- A flow that updates related contact records.

A developer created a trigger on the Account object.

What should the developer consider while testing the trigger code?

- Workflow rules will fire only after the trigger has committed all DML operations to the database.
- The flow may be launched multiple times.

- A workflow rule field update will cause the custom validation to run again.
- The trigger may fire multiple times during a transaction.

Question 32:

What is the fundamental difference between a Master-Detail relationship and a Lookup relationship?

- In a Lookup relationship, the field value is mandatory.
- A Master-Detail relationship detail record inherits the sharing and security of its master record.
- In a Lookup relationship when the parent record is deleted, the child records are always deleted.
- In a Master-Detail relationship, when a record of a master object is deleted, the detail records are not deleted.

Question 33:

Which two characteristics are true for Aura component events?

doubt

Choose 2 answers.

- Depending on the current propagation phase, calling `event.stopPropagation()` may not stop the event propagation.
- The event propagates to every owner in the containment hierarchy.
- If a container component needs to handle a component event, add an `includeFacets="true"` attribute to its handler.
- By default, containers can handle events thrown by components they contain.

Question 34:

How many Accounts will be inserted by the following block of code?

```
for (Integer i = 0 ; i < 500; i++) {
```

```
    Account a = new Account {Name='New Account ' + i);
```

```
    insert a;
```

}

- 100
- 150
- 0
- 500

Question 35:

A custom object Trainer_c has a lookup field to another custom object Gym_c.

Which SOQL query will get the record for the Viridian City Gym and all its trainers?

- **SELECT Id FROM Trainer_c WHERE Gym_r.Name = 'Viridian City Gym'**
- **SELECT Id, (SELECT Id FROM Trainer_c) FROM Gym_r WHERE Name = 'Viridian City Gym'**
- **SELECT Id, (SELECT Id FROM Trainers_r) FROM Gym_c WHERE Name = 'Viridian City Gym'**
- **SELECT Id, (SELECT Id FROM Trainers_c) FROM Gym_c WHERE Name = 'Viridian City Gym'**

Question 36:

Given the code below:

```
List<Account> alist = [SELECT Id FROM Account];  
  
for (Account a : aList){  
  
    List<Contact> cList = [SELECT Id FROM Contact WHERE AccountId = :a.Id);  
  
}
```

What should a developer do to correct the code so that there is no chance of hitting a governor limit?

- **Combine the two SELECT statements into a single SOQL statement.**
- **Add a LIMIT clause to the first SELECT SOQL statement.**
- **Rework the code and eliminate for a loop.**
- **Add a WHERE clause to the first SELECT SOQL statement.**

Question 37:

A developer identifies the following triggers on the Expense__c object:

```
deleteExpense,  
applyDefaultsToExpense,  
validateExpenseUpdate;
```

The triggers process before delete, before insert, and before update events respectively.

Which two techniques should the developer implement to ensure trigger best practices are followed?

Choose 2 answers.

- **Maintain all three triggers on the Expense__c object, but move the Apex logic out of the trigger definition.**
- **Unify all three triggers in a single trigger on the Expense__c object that includes all events.**
- **Create helper classes to execute the appropriate logic when a record is saved.**
- **Unify the before insert and before update triggers and use Process Builder for the delete action.**

Question 38:

A developer must troubleshoot to pinpoint the causes of performance issues when a custom page loads in their org.

Which tool should the developer use to troubleshoot?

- **AppExchange.**
- **Developer console.**
- **Visual Studio Code IDE.**
- **Setup Menu.**

Question 39:

The sales management team at Universal Containers requires that the Lead Source field of the Lead record be populated when a Lead is converted.

What should be used to ensure that a user populates the Lead Source field prior to converting a Lead?

- Workflow Rule.
- Validation Rule.
- Formula Field.
- Process Builder.

Question 40:

A developer is migrating a Visualforce page into a Lightning web component.

The Visualforce page shows information about a single record. The developer decides to use Lightning Data Service to access record data.

Which security consideration should the developer be aware of?

- Lightning Data Service handles sharing rules and field-level security.
- The `isAccessible()` method must be used for field-level access checks.
- The `with sharing` keyword must be used to enforce sharing rules.
- Lightning Data Service ignores field-level security.

Question 41:

A developer created these three Rollup Summary fields in the custom object, `Project__c`:

`Total_Timesheets__c`

`Total_Approved_Timesheets__c`

`Total_Rejected_Timesheet__c`

The developer is asked to create a new field that shows the ratio between rejected and approved timesheets for a given project.

What are two benefits of choosing a formula field instead of an Apex trigger to fulfill the request?

Choose 2 answers.

- **Using a formula field reduces maintenance overhead.**
- **A formula field will calculate the value retroactively for existing records.**
- **A formula field will trigger existing automation when deployed.**
- **A test that validates the formula field is needed for deployment.**

Question 42:

Given the following Apex statement:

```
Account myAccount = [ Select ID, Name from Account];
```

What occurs when more than one account is returned by the SOQL query?

- **The variable, myAccount is automatically cast to the List data type.**
- **An unhandled exception is thrown and the code terminates.**
- **The query fails and an error is written to the debug log.**
- **The first Account returned is assigned to myAccount.**

Question 43:

Example 1:

```
AggregateResult[] groupedResults = [SELECT CampaignID, AVG(Amount) FROM Opportunity GROUP BY CampaignId];
```

```
for (AggregateResult ar : groupedResults)
```

```
{
```

```
    System.debug('Campaign ID' + ar.get('CampaignId'));
```

```
    System.debug('Average amount' + ar.get('expr0'));
```

```
}
```

Example 2:

```
AggregateResult[] groupedResults = [SELECT CampaignID, AVG(Amount) theAverage  
FROM Opportunity GROUP BY CampaignID];  
  
for (AggregateResult ar : groupedResults)  
{  
    System.debug('Campaign ID' + ar.get('CampaignId'));  
    System.debug('Average amount' + ar.get('theAverage'));  
}
```

Example 3:

```
AggregateResult[] groupedResults = [SELECT CampaignID, AVG(Amount) FROM  
Opportunity GROUP BY CampaignID];  
  
for (AggregateResult ar : groupedResults)  
{  
    System.debug('Campaign ID' + ar.get('CampaignId'));  
    System.debug('Average amount' + ar.get.AVG());  
}
```

Example 4:

```
AggregateResult[] groupedResults = [SELECT CampaignID, AVG(Amount) theAverage  
FROM Opportunity GROUP BY CampaignID];  
  
for (AggregateResult ar : groupedResults)  
{  
    System.debug('Campaign ID' + ar.get('CampaignId'));  
    System.debug('Average amount' + ar.theAverage);
```

}

Which two examples above use the system.debug statements to correctly display the results from the SOQL aggregate queries?

Choose 2 answers.

- **Example 1**
- **Example 3**
- **Example 4**
- **Example 2**

Question 44:

A developer has a requirement to write Apex code to update a large number of account records on a nightly basis. The system administrator needs to be able to schedule the class to run after business hours on an as-needed basis.

Which class definition should be used to successfully implement this requirement?

- **Global inherited sharing class ProcessAccountProcessor implements Database.Batchable<sObject>, Schedulable**
- **Global inherited sharing class ProcessAccountProcessor implements Database.Batchable<sObject>**
- **Global inherited sharing class ProcessAccountProcessor implements Queueable.**
- **Global inherited sharing class ProcessAccountProcessor implements Schedulable**

Question 45:

A developer created a new trigger that inserts a Task when a new Lead is created. After deploying to production, an outside integration that reads task records is periodically reporting errors.

Which change should the developer make to ensure the integration is not affected with minimal impact to business logic?

- **Use the database method with allOrNone set to False.**
- **Remove the Apex Class from the Integration User's Profile.**

- Use a try/Catch block after the *insert* statement.
- Deactivate the *trigger* before the Integration runs.

Question 46:

AW Computing tracks order information in custom objects called Order_c and Order_Line_c. Currently, all shipping information is stored in the Order_c object.

The company wants to expand its order application to support split shipments so that any number of Order_Line_c records on a single Order_c can be shipped to different locations.

What should a developer add to fulfill this requirement?

- Order_Shipment_Group_c object and master-detail field on Order_Shipment_Group_c
- Order_Shipment_Group_c object and master-detail field on Order_c
- **Order_Shipment_Group_c object and master-detail field on Order_Line_c**
- Order_Shipment_Group_c object and master-detail fields to Order_c and Order_Line_c

Question 47:

Cloud kicks has a multi-screen flow that its call center agents use when handling inbound service desk calls.

At one of the steps in the flow, the agents should be presented with a list of order numbers and dates that are retrieved from an external order management system in real time and displayed on the screen.

What should a developer use to satisfy this requirement?

- **An invocable method** ✗
- An outbound message
- **An Apex REST class** ✓
- An Apex controller

Right Answer:
An apex REST class

Question 48: confusion

The salesforce Administrator created a custom picklist field, Account_Status__c, on the Account object. This picklist has possible values of "Inactive" and "Active".

As part of a new business process, management wants to ensure an opportunity record is created only for Accounts marked as "Active". A developer is asked to implement this business requirement.

Which two automation tools should be used to fulfill the business need?

Choose 2 answers.

- **Workflow Rules.**
- **Salesforce Flow.**
- **Process Builder.**
- **Approval Process.**

Correct answer:

Approval process

Question 49:

AW Computing (AWC) handles orders in Salesforce and stores its product inventory in a field, *Inventory_c*, on a custom object, *Product_c*. When an order for a *Product_c* is placed, the *Inventory_c* field is reduced by the quantity of the order using an Apex trigger.

```
public void reduceInventory(Id proId, Integer qty) {  
    Integer newInventoryAmt = getNewInventoryAmt (proId, qty);  
    Product_c p = new Product_c (Id = proId, Inventory_c = newInventoryAmt);  
    update p;  
  
    // code goes here  
}
```

AWC wants the real-time inventory reduction for a product to be sent to many of its external systems, including some future systems the company is currently planning.

What should a developer add to the code at the placeholder to meet these requirements?

- `InventoryReductionEvent_c ev = new InventoryReductionEvent_c (ProductId_c = prodId, Reduction_c = qty);
insert ev;`
- `InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId_c = prodId, Reduction_c =qty);
EventBus.publish(ev);`
- `InventoryReductionEvent_c ev = new InventoryReductionEvent_c (ProductId_c = prodId, Reduction_c = qty);
EventBus.publish(ev);`
- `InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId_c = prodId, Reduction_c =qty);
insert ev;`

Question 50:

Which two are phases in the Salesforce Aura Application Event propagation framework?

Choose 2 answers.

- Control
- Bubble
- Default
- Emit

Question 51:

A developer needs to create a baseline set of data (Accounts, Contacts, Products, Assets) for an entire suite of tests allowing them to test independent requirements various types of Salesforce Cases.

Which approach can efficiently generate the required data for each unit test?

- Create test data before `Test.startTest()` in the unit test.
- Use `@testSetup` with a void method.
- Create a nock using the Stud API.
- Add `@isTest(seeAllData=true)` at the start of the unit test class.

Question 52:

A developer wrote Apex code that calls out to an external system.

How should a developer write the test to provide test coverage?

- Write a class that implements WebServiceMock.
- Write a class that extends HTTPCalloutMock.
- **Write a class that implements the HTTPCalloutMock interface.**
- Write a class that extends WebServiceMock.

Question 53:

A developer must provide custom user interfaces when users edit a Contact in either Salesforce Classic or Lightning Experience.

What should the developer use to override the Contact's Edit button and provide this functionality?

- **A Visualforce page in Salesforce Classic and a Lightning component in Lightning Experience.**
- A Lightning component in Salesforce Classic and a Lightning component in Lightning Experience.
- A Lightning page in Salesforce Classic and a Visualforce page in Lightning Experience.
- A Visualforce page in Salesforce Classic and a Lightning page in Lightning Experience.

Question 54:

Which code in a Visualforce page and/or controller might present a security vulnerability?

- `<apex:outputField value="{!ctrl.userInput}" />`
- `<apex:outputField escape="false" value="{!ctrl.userInput}" />`
- **`<apex:outputText escape="false" value="{$CurrentPage.parameters.usersInput}" />`**

- <apex:outText value="{\$CurrentPage.parameters.userInput}" />

Question 55:

How can a developer check the test coverage of active Process Builder and flows before deploying them in a Change set?

- Use the code coverage setup page.
- Use the Apex Test Result class.
- **Use SOQL and the Tooling API.**
- Use the Flow Properties page.

Question 56:

A developer needs to implement the functionality for a service agent to gather multiple pieces of information from a customer in order to send a replacement credit card.

Which automation tool meets these requirements?

- Lightning Component.
- Approval Process.
- **Flow Builder.**
- Process Builder

Question 57:

A developer is tasked to perform a security review of the *ContactSearch* Apex class that exists in the system. Within the class, the developer identifies the following method as a security threat:

```
List<Contact> performSearch(String lastName){  
    return Database.query('SELECT Id, FirstName, LastName FROM Contact WHERE  
    LastName Like %'+lastName+'%');  
}
```

What are two ways the developer can update the method to prevent a SOQL Injection attack?

Choose 2 answers.

- Use a regular expression on the parameter to remove special characters.
- Use a variable binding and replace the dynamic query with the static SOQL.
- Use the `@ReadOnly` annotation and the `with sharing` keyword on the class.
- Use the `escapeSingleQuotes` method to sanitize the parameter before its use.

Question 58:

What should a developer use to script the deployment and unit test execution as part of continuous integration?

- Salesforce CLI.
- Execute Anonymous.
- VS Code.
- Developer Console.

Question 59:

A developer is building custom search functionality that uses SOSL to search account and contact records that match search term by the end-user. The feature is exposed through a Lightning web component, and the end-user is able to provide a list of terms to search.

Consider the following code snippet:

```
@AuraEnabled
```

```
Public static List<List<sObject>> searchTerms (List<String> termList) {
```

```
    List<List<sObject>> result = new List<List<sObject>> ( );
```

```
    For (String term : termList) {
```

```
        Result.addAll ([FIND : term IN ALL FIELDS RETURNING Account(Name), Contact  
        (FirstName, LastName)]);
```

```
}

return result;

}
```

What is the maximum number of search terms the end-user can provide to successfully execute the search without a governor limit?

- 2000
- 20
- 200
- 150

Question 60:

The values 'HIGH', 'MEDIUM' AND 'LOW' are identified as common values for multiple picklists across different objects.

What is an approach a developer can take to streamline maintenance of the picklists and their values, while also restricting the values to the ones mentioned above?

- Create the picklist on each object as a required field and select "Display values alphabetically, not in the order entered".
- Create the picklist on each object and use a Global Picklist Value Set containing the values.
- Create the picklist on each object and add a validation rule to ensure data integrity.
- Create the picklist on each object and select "Restrict picklist to the values defined in the value set".

Question 61:

Where are two locations a developer can look to find information about the status of batch or future methods?

Choose 2 answers.

- Time-Based Workflow Monitor.

- Paused Flow Interviews component.
- Apex Flex Queue.
- Apex Jobs.

Question 62:

Which three code lines are required to create a Lightning component on a Visualforce page?

Choose 3 answers.

- \$Lightning.use
- \$Lightning.createComponent
- <apex:includeLightning/>
- <apex:slds/>
- \$Lightning.useComponent

Question 63:

Which three steps allow a custom SVG (Scalable Vector Graphic) to be included in a Lightning web component?

Additional option:
Reference the property in the HTML template.

Choose 3 answers.

- Upload the SVG as a static resource.
- Reference the import in the HTML template.
- Import the SVG as a content asset file.
- Import the static resource and provide a getter for it in JavaScript.
- Reference the getter in the HTML template.

Question 64:

The code below deserialized input into a list of Account.

01 *public class AcctCreator {*

```

02         public void insertAccounts () {
03             String acctsJson = getAccountsJson ();
04             List<Account> accts = (List<Account>)
05             JSON.deserialize(acctsJson, List<Account>.class);
06
07             // DML to insert accounts
08
09         }

```

Which code modification should be made to insert the Accounts so that field-level security is respected?

- 01 **public with sharing class AcctCreator**
- 05 **if (sObjectType.Account.isCreatable ())**
- **05 SObjectAccessDecision sd = Security.stripInaccessible (AccessType.CREATABLE, accts);**
- **05 accts = Database.stripInaccessible (accts, Database.CREATABLE);**

Question 65:

A developer is debugging the following code to determine why Accounts are not being created.

```
Account a = new Account (Name = 'A');
```

```
Database.insert (a, false);
```

How should the code be altered to help debug the issue?

- Add a try/catch around the insert method.
- Set the second insert method parameter to TRUE.
- **Collect the insert method return value in a SaveResult record.**
- Add a System.debug() statement before the insert method.

Question 1:

Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
Public void updateContact(Contact thisContact){  
    thisContact.Is_Active__c = false;  
  
    try{  
        update thisContact;  
    } catch(Exception e){  
        String errorMessage = 'An error occurred while updating the Contact.  
        '+e.getMessage());  
  
        ApexPages.addmessage(new  
ApexPages.message(ApexPages.severity.FATAL,errorMessage))  
    }  
}
```

In which two ways can the try/catch be enclosed to enforce object and field-level permissions and prevent the DML statement from being executed if the currently logged-in user does not have the appropriate level of access?

Choose 2 answers.

- Use `if(Schema.sObjectType.Contact.isUpdatable())`
- Use `if(Schema.sObjectType.Contact.fields.Is_Active__c.isUpdateable())`
- Use `if(Schema.sObjectType.Contact.Accessible())`
- Use `if(thisContact.OwnerId == UserInfo.getUserId())`

Question 2:

What are two ways that a controller and extension can be specified on a Visualforce page?

Choose 2 answers.

- `apex:page=Account extends="myControllerExtension"`

- apex:page controller="Account" extensions="myControllerExtension"
- apex:page standardController="Account" extensions="myControllerExtension"
- apex:page controllers="Account, myControllerExtension"

Question 3:

A Salesforce Administrator is creating a record-triggered flow. When certain criteria are met, the flow must call an Apex method to complex validation involving several types of objects.

When creating the Apex method, which annotation should a developer use to ensure the method can be used within the flow?

- **@InvocableMethod**
- **@AuraEnabled**
- **@RemoteAction**
- **@future**

Question 4:

As part of a data cleanup strategy, AW Computing wants to proactively delete associated opportunity records when the related Account is deleted.

Which automation tool should be used to meet this business requirement?

- **Process Builder.**
- **Scheduled Job.**
- **Record-Triggered Flow.**
- **Workflow Rules.**

Question 5:

Cloud Kicks(CK) wants to assess the advantages of declarative development versus programmatic customization for specific use cases in its Salesforce implementation.

What are two characteristics of declarative development over programmatic customization?

Choose 2 answers.

- Declarative development has higher design limits and query limits.
- Declarative code logic does not require maintenance or review.
- Declarative development does not require Apex test classes.
- Declarative development can be done using the Setup UI.

Question 6:

What are the 3 ways for a developer to execute tests in an org?

Choose 3 answers.

- Tooling API
- Bulk API
- Setup Menu
- Metadata API
- Salesforce DX

Developer Console

Question 7:

Which two are best practices when it comes to Aura component and application event handling?

Choose 2 answers.

- Try to use application events as opposed to component events.
- Reuse the event logic in a component bundle, by putting the logic in the helper.
- Handle low-level events in the event handler and re-fire them as higher-level events.
- Use component events to communicate actions that should be handled at the application level.

Question 8:

Which exception type cannot be caught?

- CalloutException
- NoAccessException
- A Custom Exception
- LimitException

Question 9:

A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the platform governor limit.

```
public without sharing class OpportunityService{  
    public static List<OpportunityLineItem> getOpportunityProducts (Set<Id>  
opportunityIds) {  
  
    List<OpportunityLineItem> oppLineItems = new List<OpportunityLineItem> ();  
  
    for (Id thisOppId : opportunityIds){  
  
        oppLineItems.addAll ( [Select Id FROM OpportunityLineItem WHERE  
OpportunityId = :thisOppId]);  
  
    }  
  
    return oppLineItems;  
}  
}
```

The above method might be called during a trigger execution via a Lightning component.

Which technique should be implemented to avoid reaching the governor limit?

- Use the **System.Limits.getLimitQueries()** method to ensure the number of queries is less than 100.
- Use the **System.Limits.getQueries()** method to ensure the number of queries is less than 100.
- Refactor the code above to perform the SOQL query only if the Set of opportunityIds contains less 100 Ids.
- **Refactor the code above to perform only one SOQL query, filtering by the Set of opportunityIds.**

Question 10:

Northern Trail Outfitters (NTO) has a large number of custom applications that were built using a third-party JavaScript framework and exposed using Visualforce pages.

The company wants to update these applications to apply styling that resembles the look and feel of Lightning Experience.

What should the developer do to fulfill the business request in the quickest and most effective manner?

- Set the attribute `enableLightning` to true in the definition.
- Rewrite all Visualforce pages as Lightning components.
- Enable Available for Lightning Experience, Lightning Communities, and the mobile app on Visualforce pages used by the custom application.
- Incorporate the Salesforce Lightning Design System CSS stylesheet into the JavaScript applications.

Question 11:

A developer completed modifications to a customized feature that is comprised of two elements:

- Apex trigger
- Trigger handler Apex class

What are two factors that the developer must take into account to properly deploy the modification to the production environment?

Choose 2 answers.

- At least one line of code must be executed for the Apex trigger.
- Apex classes must have at least 75% code coverage org-wide.
- All methods in the test classes must use `@isTest`.
- Test methods must be declared with the `testMethod` keyword.

Question 12:

Which aspect of Apex programming is limited due to multitenancy?

- The number of records returned from database queries.
- The number of records processed in a loop.
- The number of methods in an Apex class.

- The number of active Apex classes.

Question 13:

Cloud Kicks has a support process that allows users to request support from its engineering team using a custom object, Engineering_Support__c.

Users should be able to associate multiple Engineering_Support__c records to a single Opportunity record. Additionally, aggregate information about the Engineering_Support__c records should be shown on the Opportunity record.

What should a developer implement to support these requirements?

- Master-detail field from Engineering_Support__c to Opportunity
- Lookup field from Engineering_Support__c to Opportunity
- Lookup field from Opportunity to Engineering_Support__c
- Master-detail field from Opportunity to Engineering_Support__c

Question 14:

Instead of sending emails to support personnel directly from Salesforce, UC wants to notify an external system to the event that an unhandled exception occurs.

What is the appropriate publish/subscribe logic to meet this requirement?

- Have the external system subscribe to the *BatchApexError* event, no publishing is necessary.
- Publish the error event using the *addError()* method and have the external system subscribe to the event using CometD.
- Publish the error event using the *addError()* method and write a trigger to subscribe to the event and notify the external system.
- Publish the error event using the *Eventbus.publish()* method and have the external system subscribe to the event using CometD.

Question 15:

What are three benefits of using declarative customizations over code?

Choose 3 answers.

- Declarative customizations generally require less maintenance.
- Declarative customizations do not require user testing.
- Declarative customizations have more flexibility related to limits.
- Declarative customizations automatically update with each Salesforce release.
- Declarative customizations cannot generate run-time errors.

Question 16:

What are two ways a developer can get the status of an enqueued job for a class that implements the queueable interface?

Choose 2 answers.

- Query the AsyncApexJob object.
- View the apex Jobs page.
- View the apex status Page.
- View the apex flex Queue.

Question 17:

A Next Best Action strategy uses an Enhance Element that invokes an Apex method to determine a discount for a Contact, based on a number of factors.

What is the correct definition of the Apex Method?

- @InvocableMethod

```
global List<List<Recommendation>> getLevel(List<ContactWrapper> input)
{
    /*implementation*/
}
```

- @InvocableMethod

```
global static List<Recommendation> getLevel(List<ContactWrapper> input)
```

```
{ /*implementation*/ }
```

- @InvocableMethod

```
global static List<List<Recommendation>> getLevel(List<ContactWrapper>
input)
```

```
{ /*implementation*/ }
```

- `@InvocableMethod`

```
global Recommendation getlevel(ContactWrapper input)
```

```
{ /*implementation*/ }
```

Question 18:

An Opportunity needs to have an amount rolled up from a custom object that is not in a Master/Detail relationship.

How can this be achieved?

- Write a trigger on the child object and use a red-black tree sorting to sum the amount for all related child objects under the Opportunity.
- Write a trigger on the child object and use an aggregate function to sum the amount for all related child objects under the Opportunity.
- Use the Streaming API to create real-time roll-up summaries.
- Write a Process Builder that links the custom object to the Opportunity.

Question 19:

Which two settings must be defined in order to update a record of a junction object?

Choose 2 answers.

- Read/Write access on the secondary relationship.
- Read access on the primary relationship.
- Read/Write access on the primary relationship.
- Read/Write access on the junction object.

Question 20:

A developer needs to confirm that a Contact trigger works correctly without changing the organization's data.

What should the developer do to test the Contact trigger?

- Use the Open Execute Anonymous feature on the Developer Console to run an 'insert Contact' DML statement.
- Use the New button on the Salesforce Contacts Tab to create a new Contact record.
- Use the Test menu on the Developer Console to run all test classes for the Contact trigger.
- Use Deploy from the VSCode IDE to deploy an 'insert Contact' Apex class.

Question 21:

A developer created a weather app that contains multiple Lightning web components.

One of the components, called Toggle, has a toggle for Fahrenheit or Celsius units. Another component, called Temperature, displays the current temperature in the unit selected in the Toggle component.

When a user toggles from Fahrenheit to Celsius or vice versa in the Toggle component, the information must be sent to the Temperature so the temperature can be converted and displayed.

What is the recommended way to accomplish this?

- Create a custom event to handle the communication between components.
- Use an application event to communicate between the components.
- Use Lightning Message Service to communicate between the components.
- ~~The Toggle component should call a method in the Temperature component.~~

•

Question 22:

In the Lightning UI, where should a developer look to find information about a Paused Flow Interview?

- On the Paused Flow Interviews related list for a given record.
- In the Paused Interviews sections of the Apex Flex Queue.
- In the system debug log by filtering on Paused Flow Interview.
- ~~On the paused Flow Interviews component on the Home page.~~

Question 23:

Universal Containers is building a recruiting app with an Applicant object that stores information about an individual person that represents a job. Each applicant may apply for more than one job.

What should a developer implement to represent that an applicant has applied for a job?

- Formula field on Applicant that references Job.
- Junction object between Applicant and job.
- Lookup field from Applicant to Job.
- Master-detail field from Applicant to job. → ss answer

Question 24:

A developer created a Lightning web component called statusComponent to be inserted into Account record page.

Which two things should the developer do to make this component available?

Choose 2 answers.

- Add `<isExposed>true</isExposed>` to the `statusComponent.js-meta.xml` file.
- Add `<masterLabel>Account</masterLabel>` to the `statusComponent.js-meta.xml` file.
- Add `<target>lightning_RecordPage</target>` to the `statusComponent.js-meta.xml` file.
- Add `<target>lightning_RecordPage</target>` to the `statusComponent.js` file.

Question 25:

Universal Containers hires a developer to build a custom search page to help users find the Accounts they want. Users will be able to search on Name, Description, and a custom comments field.

Which consideration should a developer be aware of when deciding between SOQL and SOSL?

Choose 2 answers.

- SOQL is able to return more records.

- SOSL is able to return more records.
- SOQL is faster for text searches.
- SOSL is faster for text searches.

Question 26:

Another ans: The account object has a rollup summary field on vendor object.

Ursa Major Solar(UMS) uses a custom object called Vendor. The Vendor custom object has a Master-Detail relationship with the standard Account object.

Based on some internal discussions, the UC administrator tried to change the Master-Detail relationship to a Lookup relationship but was not able to do so.

What is a possible reason that this change was not permitted?

- The Account object is included in a workflow on the Vendor object.
- The Account records contain Vendor roll-up summary fields.
- The Vendor records have existing values in the Account object.
- The Vendor object must use a Master-Detail field for reporting.

Question 27:

Northern Trail Outfitters (NTO) wants a list button to display a Visualforce page that allows users to edit multiple records.

Which Visualforce feature supports this requirement?

- <apex:listButton> tag.
- Custom controller.
- Controller extension.
- recordSetVar page attribute.

Question 28:

Which action causes a before trigger to fire by default for Accounts?

- Renaming or replacing picklists.
- Converting Leads to Contact accounts.
- Updating addresses using the Mass Address update tool.
- Importing data using the Data Loader and the Bulk API.

Question 29:

A developer considers the following snippet of code:

```
Boolean isOK;  
  
integer x;  
  
String theString = 'Hello';  
  
if ( isOK == false && theString == 'Hello' ){  
  
    x = 1;  
  
} else if (isOk == true && theString == 'Hello') {  
  
    x = 2;  
  
} else if (isOk != null && theString == 'Hello') {  
  
    x = 3;  
  
} else {  
  
    x= 4;  
  
}
```

Based on this code, what is the value of x?

- 4
- 1
- 3
- 2

Question 30:

A developer created this Apex trigger that calls

Myclass.myStaticMethod: Trigger myTrigger on Contact (before insert)

```
{ Myclass.myStaticMethod (trigger.new, trigger.oldMap );
```

)

The developer creates a test class with a test method that calls MyClass.mystaticMethod, resulting in 81% overall code coverage.

What happens when the developer tries to deploy the trigger and two classes to production, assuming no other code exists?

- The deployment passes because both classes and the trigger were included in the deployment.
- **The deployment fails because the Apex trigger has no code coverage.**
- The deployment fails because no assertions were made in the test method.
- The deployment passes because the Apex code has required (>75%) code coverage.

Question 31:

Given the following Anonymous Block:

```
List<Case> casesToUpdate = new List<Case>();  
  
for (Case thisCase : [SELECT Id, Status FROM Case LIMIT 50000]) {  
  
    thisCase.Status = 'Working';  
  
    casesToUpdate.add(thisCase);  
  
}  
  
Try {  
  
    Database.update(casesToUpdate, false);  
  
} catch(Exception e){  
  
    System.debug(e.getMessage());  
  
}
```

What should a developer consider for an environment that has over 10,000 Case records?

- The try/catch block will handle exceptions thrown by governor limits.
- **The transaction will fail due to exceeding the governor limit.**
- The transaction will succeed and changes will be committed.

- The try/catch block will handle any DML exceptions thrown.

Question 32:

What will be the output in the debug log in the event of a QueryException during a call to the aQuery method in the following example?

```
class myClass {  
    class CustomException extends QueryException {}  
    public static Account aQuery() {  
        Account theAccount;  
        try {  
            system.debug('Querying Accounts.');//  
            theAccount = [SELECT Id FROM Account WHERE CreatedDate > TODAY];  
        }  
        catch (CustomException eX) {  
            system.debug('Custom Exception.');//  
        }  
        catch (QueryException eX) {  
            system.debug('Query Exception.');//  
        }  
        finally {  
            system.debug('Done.');//  
        }  
        return theAccount;  
    }  
}
```

- Querying Accounts. Query Exception.
- **Querying Accounts. Query Exception. Done.**
- Querying Accounts. Custom Exception. Done.
- Querying Accounts. Custom Exception.

Question 33:

Which three resources in an Aura Component can contain JavaScript functions?

Choose 3 answers.

- Style
- Design
- **Helper**

- Controller
- Renderer

Question 34:

Which Salesforce feature allows a developer to see when a user last logged in to Salesforce if real-time notification is not required?

- Calendar Events.
- Asynchronous Data Capture Events.
- Event Monitoring Log.
- Developer Log.

Another ans:Line item has a re-aprentable master-detail field to order

Question 35:

A developer has the following requirements:

- Calculate the total amount on an order.
- Calculate the line amount for each Line Item based on the quantity selected and price.
- Move Line Items to a different Order if a Line Item is not in stock.

Which relationship implementation supports these requirements?

- An order has a Master-Detail field to Line Item and there can be many Line Items per order.
- An order has a Lookup field to Line Item and there can be many Line Items per Order.
- Line Item has a lookup field to Order and there can be many Orders per Line Items.
- Line Item has a Master-Detail field to Order and the Master can be re-parented.

Question 36:

A developer must create a Lightning component that allows users to input Contact record information to create a Contact record, including a salary__c custom field.

What should the developer use, along with a lightning-record-edit-form, so that `Salary__c` field functions as a currency input and is only viewable and editable by users that have the correct field level permissions on `Salary__c` ?

- `<lightning-input type="number" value="Salary__c" formatter="currency">`
- `<lightning-formatted-number value ="Salary__c"format-style="currency">`
- `<lightning-input-currency value="Salary__c">`
`</lightning-input-currency>`
- `<lightning-input-field field-name="Salary__c">`
`</lightning-input-field>`

Question 37:

Cloud Kicks (CK) recently transitioned from Classic to Lightning Experience. One of its business processes requires certain values from the Opportunity object to be sent via an HTTP REST callout to its external order management system based on a user-initiated action on the Opportunity detail page. Example values are as follows:

- Name
- Amount
- Account

Which two methods should the developer implement to fulfill the business requirement?

Choose 2 answers.

- Create an after update trigger on the Opportunity object that calls a helper method using `@Future (Callout=true)` to perform the HTTP REST callout.
- Create a Lightning component that performs the HTTP REST callout, and use a **Lightning Action** to expose the component on the Opportunity detail page.
- Create a Process Builder on the Opportunity object that executes an Apex immediate action to perform the HTTP REST callout whenever the Opportunity is updated.
- Create a Visualforce page that performs the HTTP REST callout, and use a **Visualforce quick action** to expose the component on the Opportunity detail page.

Question 38:

Universal Containers uses Service Cloud with a custom field, Stage_c, on the Case object.

Management wants to send a follow-up email reminder 6 hours after the stage_c field is set to "Waiting on Customer". The sales Administrator wants to ensure the solution used is bulk safe.

Which two automation tools should a developer recommend to meet these business requirements?

Choose 2 answers.

- Scheduled Flow. ✓ ✓
- ~~Process Builder.~~
- Einstein Next Best Action.
- ~~Record-Triggered Flow.~~ ✓

Question 39:

Cloud Kicks Fitness, an ISV Salesforce partner, is developing a managed package application. One of the application modules allows the user to calculate body fat using the Apex class, *BodyFat*, and its method, *calculateBodyFat()*.

The product owner wants to ensure this method is accessible by the consumer of the application when developing customizations outside the ISV's package namespace.

Which approach should a developer take to ensure *calculatebodyfat()* is accessible outside the package namespace?

- Declare the class and method using the public access modifier.
- Declare the class as global and use the public access modifier on the method.
- ~~Declare the class and method using the global access modifier.~~
- ~~Declare the class as public and use the global access modifier on the method.~~

Question 40:

A developer is implementing an Apex class for a financial system. Within the class, the variables 'creditAmount' and 'debitAmount' should not be able to change once a value is assigned.

In which two ways can the developer declare the variables to ensure their value can only be assigned one time?

Choose 2 answers.

- Use the **static** keyword and assign its value in the class constructor.
- Use the **final** keyword and assign its value in the class constructor.
- Use the **final** keyword and assign its value when declaring the variable.
- Use the **static** keyword and assign its value in a static initializer.

Question 41:

How should a custom user interface be provided when a user edits an Account in Lightning Experience?

- Override the Account's edit button with a Lightning component.
- Override the Account's edit button with a Lightning action.
- Override the Account's edit button with a Lightning page.
- Override the Account's edit button with a Lightning flow.

Question 42:

What should a developer use to obtain the Id and Name of all the Leads, Accounts, and Contacts that have the company name "Universal Containers"?

- FIND 'Universal Containers' IN Name Fields RETURNING lead(id, name), account(id, name), contact(id, name)
- SELECT lead(id, name), account(id, name), contact(id, name) FROM Lead, Account, Contact WHERE Name = 'Universal Containers'
- FIND 'Universal Containers' IN CompanyName Fields RETURNING lead(id, name), account(id, name), contact(id, name)
- SELECT Lead.id, Lead.Name, Account.Id, Account.Name, Contact.Id, Contact.Name FROM Lead, Account, Contact WHERE CompanyName = 'Universal Containers'

Question 43:

A developer must implement a *CheckPaymentProcessor* class that provides check processing payment capabilities that adhere to what is defined for payments in the *PaymentProcessor* interface.

```
public interface PaymentProcessor {  
    void pay(Decimal amount);  
}
```

Which is the correct implementation to use the *PaymentProcessor* interface class?

- **public class CheckPaymentProcessor implements PaymentProcessor {**

 public void pay(Decimal amount) ;

 }
- **public class CheckPaymentProcessor extends PaymentProcessor {**

 public void pay(Decimal amount) ;

 }
- **public class CheckPaymentProcessor implements PaymentProcessor {**

 public void pay(Decimal amount) {

 // functional code

 }

}
- **public class CheckPaymentProcessor extends PaymentProcessor {**

 public void pay(Decimal amount) {

 // functional code

 }

}

Question 44:

In the following example, which sharing context will myMethod execute when it is invoked?

```
public Class myClass {  
    public void myMethod () { /* implementation */ }  
}
```

- Sharing rules will be enforced by the instantiating class.
- **Sharing rules will be inherited from the calling context.**
- Sharing rules will not be enforced for the running user.
- Sharing rules will be enforced for the running user.

Question 45:

A developer created a custom order management app that uses an Apex class. The order is represented by an Order object and an OrderItem object that has a master-detail relationship to Order. During order processing, an order may be split into multiple orders.

What should a developer do to allow their code to move some existing OrderItem records to a new Order record?

- Add without sharing to the Apex class declaration.
- Change the master-detail relationship to an external lookup relationship.
- Create a junction object between OrderItem and Order.
- **Select the Allow reparenting option on the master-detail relationship.**

Question 46:

A PrimaryId_c custom field exists on the Candidate__c custom object. The field is used to store each candidate's Id number and is marked as Unique in the schema definition.

As part of a data enrichment process, Universal Containers has a CSV file that contains updated data for all candidates in the system. The file contains each candidate's primary Id as a data point. Universal Containers wants to upload this information into Salesforce, while ensuring all data rows are correctly mapped to a candidate in the system.

Which technique should a developer implement to streamline the data upload?

- **Create a before insert trigger to correctly map the records.**

- **Update the PrimaryId_c field definition to mark it as an External Id.**
- Upload the CSV into a custom object related to Candidate__c.
- Create a Process Builder on the Candidate__c object to map the records.

Question 47:

A developer must write an Apex method that will be called from a Lightning Component. The method may delete an account stored in the accountRec variable.

Which method a Developer use to ensure only users that should be able to delete Accounts can successfully perform deletions?

- accountRec.isDeletable()
- **Schema.sObjectType.Account.isDeletable()**
- accountRec.sObjectType.isDeletable()
- Account.isDeletable()

Question 48:

While working in a sandbox an Apex test fails when run in the test Framework, but the Apex test logic succeeds with no exceptions or errors when run in the Developer Console.

Why did the method fail in the sandbox test framework but succeed in the Developer Console?

- **The test method relies on existing data in the sandbox.**
- The test method does not use System.runAs to execute as a specific user.
- The test method has a syntax error in the code.
- The test method is calling an @future method.

Question 49:

Which two sfdc commands can be used to add testing data to a Developer sandbox?

Choose 2 answers.

- **Force:data:bulk:upsert**
- Force:data:object:create

- Force:data:async:upsert
- Force:data:tree:import

doubt

Question 50:

The following code snippet is executed by a Lightning web component in an environment with more than 2000 lead records:

@AuraEnabled

```
public void static updateLeads () {
    for (Lead thisLead : [SELECT Origin_c FROM Lead] ) {
        thisLead.LeadSource = thisLead.Origin ;
        update thisLead ;
    }
}
```

Which governor limit will likely be exceeded within the Apex transaction?

- Total number of records processed as a result of DML statements.
- Total number of SOQL queries issued. → 99
- Total number of DML statements issued.
- Total number of records retrieved by SOQL queries.

Question 51:

Refer to the following code that runs in an execute anonymous block:

```
for(List<Lead> theseLeads : [SELECT LastName, Company, Email FROM Lead LIMIT 2000]){
    for(Lead thisLead : theseLeads) {
        if (thisLead.Email == null)
```

```

        thisLead.Email = assignGenericEmail (thisLead.LastName,
thisLead.Company) ;

    }

Database.Update(theseLeads,false);

}

```

In an environment where the full result set is returned, what is a possible outcome of this code?

- The total number of DML statements issued will be exceeded.
- The total no of records processed as a result of DML Statements will be exceeded.
- **The transaction will succeed and the full result set changes will be committed to the DB.**
- The transaction will succeed and the first ten thousand records will be committed to the DB.

Question 52:

The Job_Application__c custom object has a field that is a Master-Detail relationship to the contact object, where the contact object is the Master. As part of feature implementation, a developer needs to retrieve a list containing all contact records where the related Account Industry is 'Technology' while also retrieving the contact's Job_application__c records.

Based on the object's relationships, what is the most efficient statement to retrieve the list of contacts?

- [SELECT Id, (SELECT Id FROM Job_Applications__r) FROM Contact WHERE Accounts.Industry = 'Technology'];
- **[SELECT Id, (SELECT Id FROM Job_Application__r) FROM Contact WHERE Account.Industry = 'Technology'];**
- [SELECT Id, (SELECT Id FROM Job_Application__c) FROM Contact WHERE Account.Industry = 'Technology'];
- [SELECT Id, (SELECT Id FROM Job_Applications__c) FROM Contact WHERE Accounts.Industry = 'Technology'];

Another ans: Use Test.loadData() and reference a CSV file in static resource.

Question 53:

A developer needs to have records with specific field values in order to test a new Apex class.

What should the developer do to ensure the data is available for the test?

- Use Anonymous Apex to create the required data.
- Use SOQL to query the org for the required data.
- Use **Test.loadData()** and reference a static resource.
- Use Test.loadData() and reference a CSV file.

Question 54:

Which three statements are true regarding custom exceptions in Apex?

Choose 3 answers.

- A custom exception class name must end with "Exception".
- A custom exception class can extend other classes besides the Exception class.
- A custom exception class cannot contain member variables or methods.
- A custom exception class can implement one or many interfaces.
- A custom exception class must extend the system Exception class.

Question 55:

Which statement generates a list of Leads and Contacts that have a field with the phrase 'ACME'?

- Map <sObject> searchList = [FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead];
- List<List <sObject>> searchList = [SELECT Name, ID FROM Contact, Lead WHERE Name like '%ACME%'];
- List <sObject> searchList = [FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead];
- List<List <sObject>> searchList = [FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead];

Question 56:

A Lightning component has a wired property, `searchresults`, that stores a list of Opportunities.

Which definition of the Apex method, to which the `searchresults` property is wired, should be used?

- `@AuraEnabled (cacheable=false)`

`public List<Opportunity> search (String term) { /* implementation */}`

- `@AuraEnabled (cacheable=true)`

`public List<Opportunity> search (String term) { /* implementation */ }`

- `@AuraEnabled(cacheable=false)`

`public static List<Opportunity> search (String term) { /* implementation */}`

- `@AuraEnabled (cacheable=true)`

`public static List<Opportunity> search (String term) { /* implementation */ }`

Question 57:

Which Lightning code segment should be written to declare dependencies on a Lightning component, `c:accountList`, that is used in a Visualforce page?

- `<aura:component access="GLOBAL" extends="ltng:outApp">`

`<aura:dependency resource="c:accountList"/>`

`</aura:component>`

- `<aura:application access="GLOBAL">`

`<aura:dependency resource="c:accountList"/>`

`</aura:application>`

- `<aura:application access="GLOBAL" extends="ltng:outApp">`

`<aura:dependency resource="c:accountList"/>`

`</aura:application>`

- `<aura:component access="GLOBAL">`

```
<aura:dependency resource="c:accountList"/>  
</aura:component>
```

Question 58:

Which Apex class contains methods to return the amount of resources that have been used for a particular governor, such as the number of DML statements?

- **Limits.**
- **Org Limits.**
- **Messaging.**
- **Exception.**

Question 59:

An org has an existing Visualflow that creates an opportunity with an update records element. A developer must update the Visual Flow to also create a Contact and store the created Contact's ID on the Opportunity.

Which update should the developer make in the Visual Flow?

- **Add a new update records element.**
- **Add a new create records element.**
- **Add a new quick action (of type create) element.**
- **Add a new get records element.**

Question 60:

Refer to the following code snippet for an environment has more than 200 Accounts belonging to the 'Technology' industry:

```
for ( Account thisAccount : [ Select Id, Industry FROM Account LIMIT 250] ) {  
    if (thisAccount.Industry == 'Technology') {  
        thisAccount.Is_Tech__c = true;  
    }  
}
```

```
update thisAccount;  
}
```

When the code executes, what happens as a result of the Apex transaction?

- The Apex transaction fails with the following message: SObject row was retrieved via SOQL without querying the requested field: Account.Is_Tech_c.
- If executed in a synchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.
- If executed in an asynchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.
- The Apex transaction succeeds regardless of any uncaught exception and all processed accounts are updated.

screenshot answer:

The Apex fails regardless of context of execution by exceeding the DML governor limit.

Question 61:

What are three capabilities of the <ltng:require> tag when loading JavaScript resources in Aura components?

Choose 3 answers.

- Specifying loading order.
- Loading scripts in parallel.
- Loading files from Documents.
- Loading externally hosted scripts.
- One-time loading for duplicate scripts.

Question 62:

A credit card company needs to implement the functionality for a service agent to process damaged or stolen credit cards. When the customers call in, the service agent must gather many pieces of information. A developer is tasked to implement this functionality.

What should the developer use to satisfy this requirement in the most efficient manner?

- Apex Trigger.
- Lightning Component.
- Approval Process.
- Flow Builder.

Question 63:

A developer must create a *CreditCardPayment* class that provides an implementation of an existing *Payment* class.

```
public virtual class Payment {  
    public virtual void makePayment (Decimal amount) /*implementation*/  
}
```

Which is the correct implementation?

- ```
public class CreditCardPayment implements Payment {
 public override void makePayment (Decimal amount) /*implementation*/
}
}
```
- ```
public class CreditCardPayment extends Payment {  
    public override void makePayment (Decimal amount) /*implementation*/  
}  
}
```
- ```
public class CreditCardPayment extends Payment {
 public virtual void makePayment (Decimal amount) /*implementation*/
}
}
```
- ```
public class CreditCardPayment implements Payment {  
    public virtual void makePayment (Decimal amount) /*implementation*/  
}  
}
```

Question 64:

When using SalesforceDx, what does a developer need to enable to create and manage scratch orgs?

- Production.

- **Dev Hub.**
- **Environment Hub.**
- **Sandbox.**

Question 1:

In terms of the MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Lightning Web Component-based development over Visualforce?

Choose 2 answers.

- **Server-side run-time debugging.**
- **Rich component ecosystem.**
- **Self-contained and reusable units of an application.**
- **Automatic code generation.**

Question 2:

A developer needs to create a custom interface in Apex.

Which three considerations must the developer keep in mind while developing the Apex Interface?

Choose 3 answers.

- **New methods can be added to a public interface within a released package.**
- **The Apex Interface class access modifier can be set to Private, Public, or Global.**
- **A method defined in an Apex Interface cannot have an access modifier.**
- **A method implementation cannot be defined within the Apex Interface.**
- **The Apex class must be declared using the *interface* keyword.**

Question 3:

AW Computing (AWC) handles orders in Salesforce and stores its product inventory in a field, *Inventory_c*, on a custom object, *Product_c*. When an order for a *Product_c* is placed, the *Inventory_c* field is reduced by the quantity of the order using an Apex trigger.

```
public void reduceInventory(Id proId, Integer qty) {  
  
    Integer newInventoryAmt = getNewInventoryAmt (proId, qty);  
  
    Product_c p = new Product_c (Id = proId, Inventory_c = newInventoryAmt);  
  
    update p;
```

```
// code goes here  
}
```

AWC wants the real-time inventory reduction for a product to be sent to many of its external systems, including some future systems the company is currently planning.

What should a developer add to the code at the placeholder to meet these requirements?

- `InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId_c = prodId, Reduction_c =qty);
insert ev;`
- `InventoryReductionEvent_c ev = new InventoryReductionEvent_c (ProductId_c = prodId, Reduction_c = qty);
insert ev;`
- `InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId_c = prodId, Reduction_c =qty);
EventBus.publish(ev);`
- `InventoryReductionEvent_c ev = new InventoryReductionEvent_c (ProductId_c = prodId, Reduction_c = qty);
EventBus.publish(ev);`

Question 4:

A developer created a new *after insert* trigger on the Lead object that creates Task records for each Lead. After deploying to production, an existing outside integration that inserts Lead records in batches to Salesforce is occasionally reporting total batch failures being caused by the Task insert statement. This causes the integration process in the outside system to stop, requiring a manual restart.

Which change should the developer make to allow the integration to continue when some records in a batch cause failures due to the Task insert statement, so that manual restarts are not needed?

- Deactivate the trigger before the integration runs.
- Use a *try-catch* block after the *insert* statement.
- Remove the Apex class from the integration user's profile.
- Use the *Database* method with *allOrNone* set to *false*.

Question 5:

A developer 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 3 answers.

- **renderAs**
- **extensions**
- **standardController**
- **readOnly**
- **action**

Question 6:

Which three Salesforce resources can be accessed from a Lightning web component?

Choose 3 answers.

- **SVG resources.**
- **Static resources.**
- **All external libraries.**
- **Third-party web components.**
- **Content asset files.**

Question 7:

A company has been adding data to Salesforce and has not done a good job of limiting the creation of duplicate Lead records. The developer is considering writing an Apex process to identify duplicates and merge the records together.

Which two statements are valid considerations when using *merge*?

Choose 2 answers.

- The field values on the master record are overwritten by the records being merged.
- The **merge** method allows up to three records, including the master and two additional records with the same sObject type, to be merged into the master record.
- Merge is supported with accounts, contacts, cases, and leads.
- External ID fields can be used with the *merge* method.

Question 8:

A custom Visualforce controller calls the `ApexPages.addMessage()` method, but no messages are rendering on the page.

Which component should be added to the Visualforce page to display the message?

- `<apex:facet name="Messages" />`
- `<apex:pageMessage severity="info" />`
- **`<apex:pageMessages />`**
- `<apex:Message for="info" />`

Question 9:

The account object is an organization has a master-detail relationship to a child object called Branch. The following automations exist:

- Rollup summary fields
- Custom validation rules
- Duplicate rules

A developer created a trigger on the Account object.

What two things should the developer consider while testing the trigger code?

Choose 2 answers.

- **Rollup summary fields can cause the parent record to go through Save.**
- **The validation rules will cause the trigger to fire again.**
- **The trigger may fire multiple times during a transaction.**
- Duplicate rules are executed once all DML operations commit to the database.

Question 10:

Which two statements are true about using the @testSetup annotation in an Apex test class? doubt

Choose 2 answers.

- In a test setup method, test data is inserted once and made available for all test methods in the test class.
- The @testSetup annotation is not supported when the @isTest(SeeAllData=True) annotation is used.
- A method defined with the @testSetup annotation executes once for each test method in the test class and counts towards system limits.
- Records created in the test setup method cannot be updated in individual test methods.

Question 11:

A developer needs to implement a custom SOAP Web Service that is used by an external Web application. The developer chooses to include helper methods that are not used by the Web Application in the implementation of the Web Service Class.

Which code segment shows the correct declaration of the class and methods?

- **webservice class WebServiceClass {**

private Boolean helperMethod() /*implementation...*/

global static String updateRecords() /*implementation...*/

}
- **global class WebServiceClass {**

private Boolean helperMethod() /*implementation...*/

global String updateRecords() /*implementation...*/

}
- **global class WebServiceClass {**

****private Boolean helperMethod() /*implementation...*/****

```

webservice static String updateRecords() /*implementation...*/

}

• webservice class WebServiceClass {

    private Boolean helperMethod() /*implementation...*/

    webservice static String updateRecords() /*implementation...*/

}

```

Question 12:

Universal Containers uses a simple Order Management app. On the Order Lines, the order line total is calculated by

multiplying the Item price with the quantity ordered. There is a Master-Detail relationship between the Order and the

Order Lines object.

What is the best practice to get the sum of all order line totals on the order header?

- **Process Builder.**
- **Apex trigger.**
- **Declarative Rollup Summaries App.**
- **Roll-up summary field.**

Question 13:

A business has a proprietary Order Management System (OMS) that creates orders from their website and fulfills the orders. When the order is created in the OMS, an integration also creates an order record in Salesforce and relates it to the contact as identified by the email on the order. As the order goes through different stages in the OMS, the integration also updates it in Salesforce.

It is noticed that each update from the OMS creates a new order record in Salesforce.

Which two actions will prevent the duplicate order records from being created in Salesforce?

Choose 2 answers.

- Write a before trigger on the order object to delete any duplicates.
- Ensure that the order number in the OMS is unique.
- Use the email on the contact record as an external ID.
- Use the order number from the OMS as an external ID.

Question 14:

Given the code below in an Apex class:

```
List<Account> aList = [SELECT Id, Active__c FROM Account];  
  
for (Account a ; aList) {  
  
    if (!a.Active__c) {  
  
        a.Name = 'INACTIVE';  
  
    }  
  
}  
  
update aList;
```

What should a developer do to correct the code so that there is no chance of hitting a governor limit?

- Add a LIMIT clause to the SOQL statement.
- Change the DML to use `Database.update(aList, false)`;
- Change the DML to use `Database.update(aList, true)`;
- Add a WHERE clause to the SOQL statement.

Question 15:

What is the benefit of developing applications in a multi-tenant environment?

- Default out-of-the-box configuration.[→ screenshot answer](#)
- Enforced best practices for development.

- Access to predefined computing resources.
- Unlimited processing power and memory.

Question 16:

Universal Containers decided to use exclusively declarative development to build out a new Salesforce application.

Which three options should be used to build out the database layer for the application?

Choose 3 answers.

- Roll-up summaries.
- Triggers.
- Relationships.
- Custom objects and fields.
- Process Builder.

other options
Flow builder
Validation rules

Question 17:

A Salesforce Administrator used Flow Builder to create a flow named "accountOnboarding". The flow must be used inside an Aura component.

Which tag should a developer use to display the flow in the component?

- aura-flow
- lightning-flow
- aura:flow
- lightning:flow

Question 18:

Universal Containers uses a Master-Detail relationship and stores the availability date on each Line Item of an Order and Orders are only shipped when all of the Line Items are available.

Which method should be used to calculate the estimated ship date for an Order?

- Use the LATEST formula on each of the latest availability date fields.
- Use a CEILING formula on each of the latest availability date fields.

- Use a DAYS formula on each of the availability date fields and a COUNT Roll-Up Summary field on the Order.
- Use a MAX Roll-Up Summary field on the latest availability date fields.

Question 19:

Get Cloudy Consulting (GCC) has a multitude of servers that host its customers' websites. GCC wants to provide a server's status page that is always on display in its call center. It should update in real-time with any changes made to any servers. To accommodate this on the server-side, a developer created a Server Update platform event.

The developer is working on a Lightning web component to display the information.

What should be added to the Lightning web component to allow the developer to interact with the Server Update platform event?

- import { subscribe, unsubscribe, onError } from 'lightning/empApi';
- import { subscribe, unsubscribe, onError } from 'lightning/ServerUpdate'
- import { subscribe, unsubscribe, onError } from 'lightning/pubsub'
- import { subscribe, unsubscribe, onError } from 'lightning/MessageChannel'

Question 20:

Which two process automation can be used on their own to send Salesforce Outbound Message?

Choose 2 answers.

- Strategy Builder.
- Workflow Rule.
- Process Builder.
- Flow Builder.

Question 21:

A developer is asked to prevent anyone other than a user with Sales Manager profile from changing the Opportunity Status to Closed Lost if the lost reason is blank.

Which automation allows the developer to satisfy this requirement in the most efficient manner?

- An approval process on the Opportunity object.
- **An error condition formula on a validation rule on Opportunity.**
- An Apex trigger on the Opportunity object.
- A record trigger flow on the Opportunity object.

Question 22:

What are two best practices when it comes to Lightning Web Component Events?

Choose 2 answers.

- **Use CustomEvent to pass data from a child to parent component.**
- **Use events configured with bubbles: false and composed: false.**
- Use event.target to communicate data to elements that are not in the same shadow tree.
- Use event.detail to communicate data to elements in the same shadow tree.

Question 23:

Which code displays the contents of a Visualforce page as a PDF?

- <apex:page contentType="application/pdf">
- **<apex:page renderAs="pdf">**
- <apex:page renderAs="application/pdf">
- <apex:page contentType="pdf">

Question 24:

Cloud Klick(CK) wants to back up all of the data and attachments in the Salesforce org once a month.

Which approach should a developer use to meet this requirement?

- **Use the Data Loader command line.**
- **Define a Data Export scheduled job.**
- Create a Schedulable Apex class.
- Schedule a report

Question 25:

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.

What three statements are useful inside the unit test to effectively test the custom controller?

Choose 3 answers.

- **insert pageRef;**
- **Test.setCurrentPage(pageRef);**
- **ApexPages.currentPage().getParameters().put('input','TestValue');**
- **String nextPage = controller.save().getUrl();**
- **public ExtendedController(ApexPages.StandardController cntrl) { }**

Question 26:

A developer is creating an app that contains multiple Lightning web components. One of the child components is used for navigation purposes, When a user clicks a button called Next in the component must be alerted so it can navigate to the next page.

How should this be accomplished?

- **Fire a notification.**
- **Call a method in the Apex controller.**
- **Update a property on the parent.**
- **Create a custom event.**

Question 27:

A lead developer creates an Apex interface called “Laptop”.

Consider the following code snippet:

```
public class SilverLaptop{
```

```
 //code implementation
```

}

How can a developer use the Laptop interface within the SilverLaptop class?

- **public class SilverLaptop implements Laptop**
- **public class SilverLaptop extends Laptop
@Extends{class="Laptop"}**
- **public class SilverLaptop
@Interface{class="Laptop"}**
- **public class SilverLaptop**

Question 28:

What can be used to override the Account's standard Edit button for Lightning Experience?

- **Lightning page.**
- **Lightning action.**
- **Lightning flow.**
- **Lightning component.**

Question 29:

A developer migrated functionality from JavaScript Remoting to a Lightning web component and wants to use the existing `getOpportunities()` method to provide data.

Which modification to the method is necessary?

- **The method must be decorated with `(cacheable=true)`.**
- **The method must be decorated with `@AuraEnabled`.**
- **The method must return a String of a serialized JSON Array.**
- **The method must return a JSON Object.**

Question 30:

doubt qno:25

Managers at Cloud Kicks(cK) want to ensure that only decommissioned containers are able to be deleted in the system. To meet the business requirement a Salesforce

developer adds “Decommissioned” as a picklist value for a *Status__c* custom field within the *Container__c* object.

Which tool should the developer use to enforce only Container records with a status of “Decommissioned” can be deleted?

- Before record-triggered flow.
- Validation rule.
- After record-triggered flow.
- **Apex trigger.**

Question 31:

What can be developed using the Lightning Component framework?

- Salesforce Integrations.
- **Single-page web apps.**
- Dynamic web sites.
- Hosted web applications.

Question 32:

Refer to the following Apex code :

```
Integer x = 0;
```

```
do {  
    x = 1;  
    x++;  
} while (x < 1);  
  
System.debug (x);
```

What is the value of x when it is written to the debug log?

- 0

- 2
- 3
- 1

Question 33:

Universal Containers has created a unique process for tracking container repairs. A custom field, *Status__c*, has been created within the *Container__c* custom object. A developer is tasked with sending notifications to multiple external systems every time the value of the *Status__c* picklist changes.

Which two tools should the developer use to meet the business requirement and ensure low maintenance of the solution?

Choose 2 answers.

still doubt

- **Apex callouts.**
- **Platform event.** ✓
- **Record-Triggered flow.**
- **Apex trigger.**

doubt

Question 34:

Universal Hiring is using Salesforce to capture job applications. A Salesforce administrator created two custom objects,

Job__c acting as the master object, *Job_application__c* acting as the detail.

Within the *Job__c* object, a custom multi-select picklist, *Preferred_Locations__c*, contains a list of approved states for the position. Each *Job_Application__c* record relates to a Contact within the system through a master-detail relationship.

Recruiters have requested the ability to view whether the Contact's Mailing State value matches a value selected on the *Preferred_Locations__c* field, within the *Job_Application__c* record. Recruiters would like this value to be kept in sync, if changes occur to the Contact's Mailing State or if the Job's *Preferred_Location__c* field is updated.

What is the recommended tool a developer should use to meet the business requirement?

- **Record-triggered flow.**
- **Process Builder.**
- **Formula field.**

- **Apex trigger.**

Question 35:

Universal Containers uses Salesforce to create orders. When an order is created, it needs to sync with the in-house order fulfillment system.

The order fulfillment system can accept SOAP messages over HTTPS. If the connection fails, messages should be retired for up to 24 hours.

What is the recommended approach to sync the orders in Salesforce with the order fulfillment system?

- Use Process Builder to call an invocable Apex method that sends a message to the order fulfillment system.
- Set up a Workflow Rule outbound message to the order fulfillment system.
- Write an Apex SOAP service to integrate with the order fulfillment system.
- Create an after-insert trigger on the Order object to make a callout to the order fulfillment system.

Question 36:

Einstein Next Best Action is configured at Universal Containers to display recommendations to internal users on the Account detail page.

If the recommendation is approved, a new opportunity record and task should be generated. If the recommendation is rejected, an Apex method must be executed to perform a callout to an external system.

Which three factors should a developer keep in mind when implementing the Apex method?

Choose 3 answers.

- The method must use the **@InvocableMethod annotation.**
- The method must use the **@AuraEnabled annotation.**
- The method must be defined as **static.**
- The method must be defined as **public.**
- The method must use the **@Future annotation.** ✓

1 of 65. Universal Containers wants Opportunities to no longer be editable when reaching the Closed/Won stage. How should a developer accomplish this?

- A. Use Flow Builder
- B. Use a validation rule.**
- C. Mark fields as read-only on the page layout.
- D. Use the Process Automation Settings.

2 of 65. Which Salesforce org has a complete duplicate copy of the production org including data and configuration?

- A. Partial Copy Sandbox
- B. Production
- C. Full Sandbox**
- D. Developer Pro Sandbox

3 of 65. The following Apex method is part of the Contact Service class that is called from a trigger:

```
public static void setBusinessUnitToEMEA (Contact thisContact) { thisContact.Business_Unit_c = 'EMEA';  
update thisContact; }
```

How should the developer modify the code to ensure best practices are met?

- A. public static void secBusinessUnitToEMEA (List Contact contacts) { for. (Contact thisContact : contacts) (thisContact.Business_Unit__c = 'EMEA'; } update contacts; }**
- B. public static void se BusinessUni TOENEA (Contact thisContact) { Liet contacte = new List

4 of 65. A developer has the following requirements:

- Calculate the total amount on an Order.
- Calculate the line amount for each Line Item based on quantity selected and price.
- Move Line Items to a different Order if a Line Item is not in stock.

Which relationship implementation supports these requirements?

- A. Order has a Master-Detail field to Line Item and there can be many Line Items per Order.
- B. Order has a Lookup field to Line Item and there can be many Line Items per Order.
- C. Line Item has a Master-Detail field to Order and the Master can be re-parented.
- D. Line Item has a Lookup field to Order and there can be many Orders per Line Items.

5 of 65. A developer is implementing an Apex class for a financial system. Within the class, the variables 'creditAmount' and 'debitAmount' should not be able to change once a value is assigned.

In which two ways can the developer declare the variables to ensure their value can only be assigned one time?

Choose 2 answers

- A. Use the final keyword and assign its value when declaring the variable.
- B. Use the final keyword and assign its value in the class constructor.
- C. Use the static keyword and assign its value in the class constructor.
- D. Use the static keyword and assign its value in a static initializer.

6 of 65. Which action may cause triggers to fire?

- A. Renaming or replacing a picklist entry
- B. Changing a user's default division when the transfer division option is checked
- C. Updates to Feed Items
- D. Cascading delete operations

7 of 65. Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records. Which Visualforce feature supports this requirement?

- A. custom controller
- B. tag
- C. recordSetVar page attribute
- D. controller extension

8 of 65. A developer wants to invoke an outbound message when a record meets a specific criterion. Which three features satisfy this use case?

Choose 3 answers

- A. Process Builder can be used to check the record criteria and send an outbound message without Apex code.
- B. Process Builder can be used to check the record criteria and then call Apex code.
- C. Workflows can be used to check the record criteria and send an outbound message.
- D. Flow Builder can be used to check the record criteria and send an outbound message without additional code.
- E. Approval Process has the capability to check the record criteria and send an outbound message without Apex code.

9 of 65. A developer has an Apex controller for a Visualforce page that takes an ID as a URL parameter. How should the developer prevent a cross site scripting vulnerability?

- A. ApexPages.currentPage().getParameters().get('url_param')
- B. String.escapeSingleQuotes (ApexPages.currentPage ().getParameters ().get('url_param'))
- C. String.valueOf (ApexPages.currentPage ().getParameters ().get('url_param'))
- D. ApexPages.currentPage().getParameters().get('url_param') .escapeHTML4()

10 of 65. In the following example, which sharing context will myMethod execute when it is invoked?

```
public class myclass
{
    public void myMethod()
    { /* implementation */ }
}
```

- A. Sharing rules will be enforced by the instantiating class.
- B. Sharing rules will not be enforced for the running user.
- C. Sharing rules will be inherited from the calling context.**
- D. Sharing rules will be enforced for the running user.

11 of 65. A developer needs to have records with specific field values in order to test a new Apex class.
What should the developer do to ensure the data is available to the test?

- A. Use Test.loadData() and reference a CSV file.
- B. Use Test.loadData() and reference a static resource.**
- C. Use Anonymous Apex to create the required data.
- D. Use SOQL to query the org for the required data.

12 of 65. Instead of sending emails to support personnel directly from Salesforce, Universal Containers wants to notify an External system in the event that an unhandled exception occurs.

What is the appropriate publish/subscribe logic to meet this requirement?

- A. Publish the error event using the addError() method and have the external system subscribe to the Event using Cometd.
- B. Since this only involves sending emails, no publishing is necessary. Have the external system Subscribe to the event channel.
- C. Publish the error event using the addError() method and write a trigger to subscribe to the event And notify the external system.
- D. Publish the error event using the EventBus.publish() method and have the external system Subscribe to the event using CometD.**

13 of 65. Which exception type cannot be caught?

- A. A Custom Exception
- B. LimitException**
- C. NoAccessException
- D. CalloutException

14 of 65. The Job Application_c custom object has a field that is a Master-Detail relationship to the Contact object, where the Contact object is the Master. As part of a feature implementation, a developer needs to retrieve a list containing all Contact records where the related Account Industry is 'Technology' while also retrieving the contact's Job_Application_c records.

Based on the object's relationships, what is the most efficient statement to retrieve the list of contacts?

- A. SELECT ID, (SELECT ID FROM Job_Applications__r) FROM Contact WHERE Recounts. Industry 'Technology');
- B. SELECT ID, (SELECT ID FROM Job_Application_c) FROM Contact WHERE Account. Industry = "Technology");
- C. SELECT ID, (SELECT ID FROM Job_Applications_r) FROM Contact WHERE Account. Industry = "Technology");
- D. SELECT ID, (SELECT ID FROM Job_Applications_c) FROM Contact WHERE Account.: Industry = 'Technology');

15 of 65. Given the following Anonymous Block:

```
List casesToUpdate = new List(); for (Case thisCase : [SELECT id, Status FROM Case LIMIT 50000]) {  
    thisCase.Status = 'Working'; casesToUpdate.add(thisCase); }  
  
Database.update(case3ToUpdate, false);}  
  
catch (Exception e)  
  
{ System.debug(e.getMessage()); }
```

What should a developer consider for an environment that has over 10,000 Case records?

- A. The try/catch block will handle any DML exceptions thrown.
- B. try/catch block will handle exceptions thrown by governor limits.
- C. the transaction will succeed, and changes will be committed.
- D. The transaction will fail due to exceeding the governor limit. ✓

16 of 65. A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations.

Which type of Salesforce orgs should they use for their development?

- A. Scratch orgs
- B. Developer sandboxes
- C. Full Copy sandboxes

D. Developer orgs

17 of 65. Which statement describes the execution order when triggers are associated to the same object and event?

- A. Triggers are executed in the order they are created.
- B. Triggers are executed alphabetically by trigger name.
- C. Triggers are executed in the order they are modified.
- D. Trigger execution order cannot be guaranteed.**

18 of 65. A Next Best Action strategy uses an Enhance Element that invokes an Apex method to determine a discount level for a Contact, based on a number of factors.

What is the correct definition of the Apex method?

- A. @InvocableMethod Global staticList<List<Recomandation>> getLevel(List input) o {
/*implementation*/ }**
- B. @InvocableMethod Global static ListRecommendation getLevel(List input) o { /*implementation*/ }
- C. @InvocableMethod Global List<List> getLevel(List input) o { /*implementation*/ }
- D. @InvocableMethod Global Recommendation getlevel(ContactWrapper input) o {
/*implementation*/ }

19 of 65. A developer wants to import 500 Opportunity records into a sandbox.

Why should the developer choose to use Data Loader instead of Data Import Wizard?

- A. Data Import Wizard cannot import all 500 records.
- B. Data Loader automatically relates Opportunities to Accounts.
- C. Data Import Wizard does not support Opportunities.**
- D. Data Loader runs from the developer's browser.

20 of 65. Which two are best practices when it comes to Aura component and application event handling?

Choose 2 answers

- A. Handle low-level events in the event handler and re-fire them as higher-level events.
- B. Try to use application events as opposed to component events.
- C. Reuse the event logic in a component bundle, by putting the logic in the helper.
- D. Use component events to communicate actions that should be handled at the application level

21 of 65. A custom picklist field, Food_Preference_c, exists on a custom object. The picklist contains the following Options: ‘Vegan’, ‘Kosher’, ‘No Preference’. The developer must ensure a value is populated every time a record is Created or updated.

What is the most efficient way to ensure a value is selected every time a record is saved?

- A. Set “Use the first value in the list as the default value as True.
- B. Mark the field as Required on the field definition.
- C Set a validation rule to enforce a value is selected.
- D Mark the field as Required on the object’

22 of 65. What are three benefits of using declarative customizations over code?

Choose 3 answers

- A. Declarative customizations have more flexibility related to limits.
- B Declarative customizations are not subject to governor limits.
- C. Declarative customizations do not require user testing.
- D. Declarative customizations automatically update with each Salesforce release.
- E. Declarative customizations generally require less maintenance.

23 of 65. What are two ways a developer can get the status of an enqueued job for a class that implements the queueable interface?

Choose 2 answers

- A. Query the AsyncApexJob object
- B. View the Apex Status Page

C.View the Apex Flex Queue

D View the Apex Jobs Page

24 of 65. What is the result of the following code?

```
Account a = new Account(); Database.insert(a, false);
```

- A. The record will not be created and an exception will be thrown.
- B. The record will be created and a message will be in the debug log.
- C. The record will be created and no error will be reported.
- D. The record will not be created and no error will be reported**

25 of 65. How many Accounts will be inserted by the following block of code?

```
for (Integer i ; i < 500; i++)  
{ Recount a = new Account (Name -'New Account insert a: }
```

- A. 150
- B. 100
- C 500
- D 0**

26 of 65. Which three steps allow a custom Scalable Vector Graphic (SVG) to be included in a Lightning web component?

[refer 1st occurrence](#)

Choose 3 answers

- A. Import the SVG as a content asset file.
- B. Import the static resource and provide a variable for it in JavaScript.**
- C. Reference the import in the HTML template.**
- D. Reference the variable in the HTML template.
- E Upload the SVG as a static resource.**

27 of 65. An Opportunity needs to have an amount rolled up from a custom object that is not in a Master/Detail Relationship. How can this be achieved?

A Write a trigger on the child object and use a red-black tree sorting to sum the amount for all related Child objects under the Opportunity.

B Write a trigger on the child object and use an aggregate function to sum the amount for all related Child objects under the Opportunity.

C. Write a Process Builder that links the custom object to the Opportunity.

D Use the Streaming API to create real-time roll-up summaries.

28 of 65. When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" must be updated based on the values in a PostalCodeToTimezone_c custom object.

How can a developer implement this feature?

A. Build a Workflow Rule.

B Build an Account Assignment Rule.

C Build an Account Approval Process.

D Build a Flow with Flow Builder. Or Account custom Trigger

29 of 65. A developer created these three Rollup Summary fields in the custom object,

Project_c.: Total_Timesheet_c Total_Approved_Timesheets_c Total_Rejected_Timesheet_c

The developer is asked to create a new field that shows the ratio between rejected and approved timesheets for a given project. What are two benefits of choosing a formula field instead of an Apex trigger to fulfill the request?

Choose 2 answers

A. No test methods will be executed during deployment.

B. A test class that validates the formula field is needed for deployment.

C. A formula field will calculate the value retroactively for existing records.

D. Using a formula field reduces maintenance overhead.

30 of 65. An org has an existing Flow that creates an Opportunity with an Update Records element. A developer must Update the flow to also create a Contact and store the created Contact's ID on the Opportunity.

Which update should the developer make in the Flow?

- A. Add a new Get Records element.
- B Add a new Quick Action element (of type Create).
- C Add a new Update Records element.
- D. Add a new Create Records element.

31 of 65. Universal Containers (UC) wants to lower its shipping cost while making the shipping process more efficient. The Distribution Officer advises UC to implement global addresses to allow multiple Accounts to share a default pickup address. The developer is tasked to create the supporting object and relationship for this business requirement and uses the Setup Menu to create a custom object called "Global Address".

Which field should the developer add to create the most efficient model that supports the business need?

- A. Add a Master-Detail field on the Global Address object to the Account object.
- B. Add a Lookup field on the Account object to the Global Address object. ✓
- C. Add a Lookup field on the Global Address object to the Account object.
- D Add a Master-Detail field on the Account object to the Global Address object

32 of 65. What should a developer use to obtain the Id and Name of all the Leads, Accounts, and Contacts that have the company name "Universal Containers"?

- A FIND 'Universal Containers' IN Company Name Fields RETURNING lead(id, name), account(id, name), contact(id, name)
- B SELECT leadid, name, account(id, name), contact(id, name) FROM Lead, Account, Contact WHERE Name "Universal Containers"
- C SELECT Lead.id, Lead.Name, Account.Id, Account.Name, Contact.Id, Contact.Name FROM Lead, Account, Contact WHERE CompanyName = 'Universal Containers'
- D. FIND 'Universal Containers' IN Name Fields RETURNING lead(id, name), account(id, name), contact(id, name)

34 of 65. How does the Lightning Component framework help developers implement solutions faster?

- A. By providing code review standards and processes
- B. By providing an Agile process with default steps
- C. By providing "change history and version control,

D By providing device-awareness for mobile and desktops

33 of 65. Flow Builder uses an Apex Action to provide additional information about multiple Contacts, stored in a custom class, Contact Info.

Which is the correct definition of the Apex method that gets the additional information?

A. `@InvocableMethod(label='Additional Info')`

`public List<Contact> getInfo(List<Id> contactIds)`

`{ /*implementation*/ }`

B. `@InvocableMethod(label='additional Info')`

`public static ContactInfo getInfo(Id contactId)`

`{ /*implementation*/ }`

C. `@InvocableMethod(Label='additional Info')`

`public ContactInfo(Id contactId)`

`{ /*implementation*/ }`

D. `@invocableMethod(label='Additional Info')`

`public static List<Contact> getInfo(List<Id> contactIds)`

`{ /*Implementation*/ }`

35 of 65. A developer has to identify a method in an Apex class that performs resource intensive actions in memory by Iterating over the result set of a SOQL statement on the account. The method also performs a DML statement to Save the changes to the database.

Which two techniques should the developer implement as a best practice to ensure transaction control and avoid Exceeding governor limits? Choose 2 answers

A. Use the read only annotation to bypass the number of rows returned by a SOQL.

B. Use Partial DML statements to ensure only valid data is committed.

C. Use the System.Limit class to monitor the current CPU governor limit consumption.

D Use the Database.Savepoint method to enforce database integrity.

36 of 65. A developer considers the following snippet of code:

```
Boolean iSOk; Integer x; String theString = 'Hello';  
" If ( iSOK == false && theString == Hello') { X = 1; }  
else if (iSOK == true && theString == 'Hello') { X = 2; }  
else if (iSOK != null && the String "Hello') { X = 3; }  
else { X = 4; } Based on this code, what is the value of x?
```

- A. 3
- B. 1
- C. 4
- D. 2

37 of 65. Which action causes a before trigger to fire by default for Accounts?

- A Renaming or replacing picklists
- B Importing data using the Data Loader and the Bulk API
- C Updating addresses using the Mass Address update tool
- D Converting Leads to Contact accounts

38 of 65. Which three statements are true regarding custom exceptions in Apex?

Choose 3 answers

- A. A custom exception class must extend the system Exception class.
- B. A custom exception class can extend other classes besides the Exception class.
- C. A custom exception class name must end with "Exception".
- D. A custom exception class cannot contain member variables or methods.
- E. A custom exception class can implement one or many interfaces

39 of 65. A developer created a new trigger that inserts a Task when a new Lead is created. After deploying to production, an outside integration that reads task records is periodically reporting errors.

which change should the developer make to ensure the integration is not affected with minimal impact to business logic?

- A Use a Try Catch block after the insert statement.
- B Remove the Apex Class from the Integration User's Profile.
- C Use the Database method with all or None set to false.**
- D Deactivate the Trigger before the Integration runs.

40 of 65. Which two characteristics are true for Aura component events?

Choose 2 answers

doubt

refer 1st occurrence

A Depending on the current propagation phase, calling event.stopPropagation () may not stop the event propagation.

B. The event propagates to every owner in the containment hierarchy.

C. If a container component needs to handle a component event, add a handle access="capture" attribute to its handler.

D. By default, only parent components that create subcomponents (either in their markup or programmatically) can handle events.

41 of 65. Which two operations can be performed using a formula field?

Choose 2 answers

A Displaying the last four digits of an encrypted Social Security number

B. Triggering a Process Builder

C Displaying an Image based on the Opportunity Amount

D Calculating a score on a Lead based on the information from another field"

42 of 65. A developer must implement a CheckPayment Processor class that provides check processing payment capabilities that adhere to what is defined for payments in the PaymentProcessor interface.

public interface Payment Processor

{ void pay (Decimal amount); }

Which is the correct implementation to use the Payment Processor interface class?

A. public class CheckPayment Processor implements Payment Processor { public void pay (Decimal amount); }

B public class CheckPayment Processor extends Payment Processor { public void pay (Decimal amount) {}
C. public class CheckPayment Processor implements Payment Processor public void pay (Decimal amount) {}

D. public class CheckPayment Processor extends Bayment recesser{ public void pay Decimal amount): }

43 of 65. A developer has an integer variable called maxAttempts. The developer needs to ensure that once maxAttempts is initialized, it preserves its value for the length of the Apex transaction; while being able to share the via state between trigger executions.

How should the developer declare maxAttempts to meet these requirements?

- A. Declare maxAttempts as a private static variable on a helper class.
- B. Declare maxAttempts as a constant using the static and final keywords.
- C. Declare maxAttempts as a member variable on the trigger definition.
- D. Declare maxAttempts as a variable on a helper class.

44 of 65. Which process automation should be used to send an outbound message without using Apex code?

- A. Process Builder
- B Workflow Rule
- C. Strategy Builder
- D. Flow Builder

45 of 65. Which Apex class contains methods to return the amount of resources that have been used for a particular governor, such as the number of DML statements?

- A. Limits
- B. Exception
- C. Messaging
- D. OrgLimits

46 of 65 working in a sandbox, an Apex test fails when run in the Test Framework. However, running the Apex test logic in the Execute Anonymous window succeeds with no exceptions or errors. Why did the method fail in the sandbox test framework but succeed in the Developer Console?

- A. The test method does not use System.runs to execute as a specific user.

B The test method relies on existing data in the sandbox.

C. The test method has a syntax error in the code.

D The test method is calling a future method.

47 of 65. Which scenario is valid for execution by unit tests?

A. Set the created date of a record using a system method.

B Generate a Visualforce PDF with `getContentAsPDF()`.

C Execute anonymous Apex as a different user.

D. Load data from a remote site with a callout.

48 of 65. A developer wants to get access to the standard price book in the org while writing a test class that covers an Opportunity line-item trigger.

Which method allows access to the price book?

A. Use `@isTest` (`SeeAllData=true`) and delete the existing standard price book.

B Use `Test.loadData()` and a static resource to load a standard price book..

C. Use `@TestVisible` to allow the test method to see the standard price book.

D. Use `Test.getStandardPricebookId()` to get the standard price book ID

49 of 65. Which three data types can a SOQL query return?

Choose 3 answers

A. Long

B. Double

C Integer

D. sObject

E. List

50 of 65. A developer has two custom controller extensions where each has a `save()` method.

Which `save()` method will be called for the following Visualforce page~

A. standard controller save()

B. Runtime error will be generated

C. Extension.save()

D. ExtensionA save()

52 of 65. A developer is tasked to perform a security review of the Contact Search Apex class that exists in the system. Within the class, the developer identifies the following method as a security threat:

```
List<contact> performSearch(string lastName) return Database.query('SELECT id, FirstName, LastName  
FROM Contact WHERE LastName Like **+lastName+**'); }
```

What are two ways the developer can update the method to prevent a SOQL injection attack?

Choose 2 answers

A Use the @ReadOnly annotation and the with sharing keyword on the class.

B. Use variable binding and replace the dynamic query with a static SOQL.

C Use the escapeSingleQuotes method to sanitize the parameter before its use.

D. Use a regular expression expression on the parameter to remove special characters.

54 of 65. Universal Containers stores Orders and Line Items in Salesforce. For security reasons, financial representatives are allowed to see information on the Order such as order amount, but they should not be allowed to see the Line Items on the Order. confusion

Which type of relationship should be used between Orders and Line Items?

A. Lookup

B. Master-Detail

C. Indirect Lookup

D. Direct Lookup

55 of 65. Universal Containers has an order system that uses an Order Number to identify an order for customers and service agents. Order records will be imported into Salesforce.

How should the Order Number field be defined in Salesforce?

A. Lookup

B. Indirect Lookup

C. Number with External ID

D. Direct Lookup

56 of 65. Which Lightning code segment should be written to declare dependencies on a Lightning component, c:accountList, that is used in a Visualforce page?

A. <aura:application access="GLOBAL"><aura:dependency resource="c:accountList"/>
</aura:application>

B <aura:component access="GLOBAL"><aura:dependency resource="c:accountList"/>
</aura:component>

C <aura:component access="GLOBAL" extends="1tng:outApp">
</aura:component >

D <aura:application access="GLOBAL" extends="1tng:outApp"> aura:dependency
resource="c:accountList"/>
</aura:application>

57 of 65. Universal Containers decides to use exclusively declarative development to build out a new Salesforce application

Which three options should be used to build out the database layer for the application? Choose 3 answers

A. Process Builder

B. Triggers

C. Custom objects and fields

D. Roll-up summaries

E. Relationships

58 of 65. A developer must troubleshoot to pinpoint the causes of performance issues when a custom page loads in their org.

Which tool should the developer use to troubleshoot?

A. Visual Studio Code IDE

B. Developer Console

C. Setup Menu

D. AppExchange

59 of 65. Which aspect of Apex programming is limited due to multitenancy?

- A. The number of methods in an Apex class
- B. The number of records processed in a loop
- C. The number of active Apex classes
- D. The number of records returned from database queries**

60 of 65. Which Salesforce feature allows a developer to see when a user last logged in to Salesforce if real-time notification is not required?

- A. Calendar Events
- B. Event Monitoring Log**
- C. Developer Log
- D. Asynchronous Data Capture Events

61 of 65. A developer must create a Credit CardPayment class that provides an implementation of an existing Payment class.

Public virtual class Payment

(public virtual void makePayment (Decimal amount) (implementation)

Which is the correct implementation?

A public class Credit CardPayment implements Payment { public override void makePayment (Decimal amount) /*implementation*/ }

B. public class Credit CardPayment implements Payment { public virtual void makePayment (Decimal amount) /*implementation*/ }

C. public class Credit CardPayment extends Payment { public override void makePayment (Decimal amount) /*implementation*/ }

D public class Credit CardPayment extends Payment{

62 of 65. Universal Containers has a large number of custom applications that were built using a third-party JavaScript framework and exposed using Visualforce pages. The company wants to update these applications to apply styling that resembles the look and feel of Lightning Experience.

What should the developer do to fulfill the business request in the quickest and most effective manner?

- A. Rewrite all Visualforce pages as Lightning components.
- B. Enable Available for Lightning Experience, Lightning Communities, and the mobile app on Visualforce pages used by the custom application.
- C. Set the attribute enable Lightning to true in the definition.
- D. Incorporate the Salesforce Lightning Design System CSS stylesheet into the JavaScript applications.**

63 of 65. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.

Which two tools can they use to run a script that deploys to a sandbox? Choose 2 answers [ANT Migration tool]

- A. VSCode**
- B. Change Sets
- C. Developer Console
- D. SFDX CLI**

64 of 65. What are three ways for a developer to execute tests in an org?

Choose 3 answers

- A. Salesforce DX**
- B. Metadata API**
- C. Bulk API**
- D. Setup Menu**
- E. Tooling API**

Developer console



65 of 65. An Approval Process is defined in the Expense_Item_c object. A business rule indicates that whenever a user changes the Status to 'Submitted' on an Expense Report a record, all the Expense_Item records related to the expense report must enter the approval process individually. Which approach should be used to ensure the business requirement is met?

- A. Create a Process Builder on Expense_Report_c with a 'Submit for Approval' action type to submit all related Expense Item a record when the criteria is met.**
- B. Create a Process Builder on Expense_Report_c with an 'Apex' action type to submit all related Expense Item records when the criteria are met.

C. Create a Process Builder on Expense Report_c to mark the related Expense Item_cas submittable and a trigger on Expense_item_c to submit the records for approval.

D. Create two Process Builders, one on Expense Report to mark the related Expense Item_c as submittable and the second on Expense Item_c to submit the records for approval

66 Question: A recursive transaction is initiated by a DML statement creating records for these two objects: • Accounts • Contacts.

The Account trigger hits a stack depth of 16.

Which statement is true regarding the outcome of the transaction?

A The transaction is partially committed up until the stack depth is exceeded.

B The transaction succeeds and all changes are committed to the database

C The transaction fails and all the changes are rolled back.

D The transaction succeeds as long as the Contact trigger stack depth is less than or equal to 16.

67) How should a developer write unit tests for a private method in an Apex class?

A. Use the TestVisible annotation.

B. Add a test method in the Apex class.

C. Use the SeeAllData annotation.

D. Mark the Apex class as global.

68) Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
public void updateContact (Contact thisContact) { thisContact.IsActive = false; try{ update thisContact;
catch (Exception e) { String errorMessage = 'An error occurred while updating the Contact.
ee.getMessage()); ApexPages.addmessage (new ApexPages.message (ApexPages.severity.FATAL,
errorMessage));}
```

In which two ways can the try/catch be enclosed to enforce object and field-level permissions and prevent the DML statement from being executed if the current logged-in user does not have the appropriate level of access?

Choose 2 answers

A Use Schema.sObjectType.Contact.isAccessible()

B. Use if(thisContact.OwnerIdUserInfo.gett

C. Use if (Schema.sObjectType.Contact.fields. IsActive_c.isUpdateable())

D. Use if (Schemas.objectType.Contact.isUpdateable())

69 Question: What is an example of a polymorphic lookup field in Salesforce?

- A. The ParentId field on the standard Account object
- B. A custom field, Link c, on the standard Contact object that looks up to an Account or a Campaign
- C. The WhatId field on the standard Event object
- D. The LeadId and ContactId fields on the standard Campaign Member object

70. Universal Containers wants to back up all the data and attachments in its Salesforce org once a month. Which approach should a developer use to meet this requirement?

- A) Use the Data Loader command Line.
- B) Schedule a report.
- C) Create a Schedulable Apex class.
- D) Define a Data Export scheduled job.

71. What are two ways that a controller and extension can be specified on a visualforce page?

Choose 2 answers

- A. Apex:page standardController= "Account" extensions = "myControllerExtension"
- B. Apex:page = Account extends = "myControllerExtension"
- C. Apex:page controllers = "Account, myControllerExtension"
- D. Apex:page controller= "Account" extensions = "myControllerExtension".

72) A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple subjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

which three statements are useful inside the unit test to effectively test the custom controller? Choose 3 answers

- A. String nextPage = controller.save().getUrl();
- B. ApexPages.currentPage().getParameters().put('input, TestValue');
- C. insert pageRef;

D. Test.setCurrentPage(pageRef);

E. public ExtendedController(ApexPages.Standard Controller cntri) ()

73)A developer needs to prevent the creation of Request__c records when certain conditions exist in the system. A Request Logic class exists that checks the conditions.

What is the correct implementation?

A. trigger RequestTrigger on Request (after insert) if (RequestLogic.isValid (Request__c) RequestaddError ("Your request cannot be created at this time."));

B. trigger RequestTrigger on Request_c (after insert) RequestLogic.validateRecords trigger.newl:

C. Trigger RequestTrigger on Request_c before insert) if (RequestLogic.isValid(Request__c RequestaddError("Your request cannot be created at this time."));

D. trigger RequestTrigger on Request_c before insert) (RequestLogic.validateRecords (trigger.new

74) A developer must create an Apex class, Contact Controller, that a Lightning component can use to search for Contact records. Users of the Lightning component should only be able to search for Contact records to which they have access. Which two will restrict the records correctly?

Choose 2 answers

A. public without sharing class ContactController

B. public class Contact Controller

C. public with sharing class ContactController

D. public inherited sharing class contactcontroller

75)A developer must create a ShippingCalculator class that cannot be instantiated and must include a working default implementation of a calculate method, that sub-classes can override.

What is the correct implementation of the ShippingCalculator class?

A. Public abstract class ShippingCalculator public void calculate() implementation/

B. public abtract class ShippingCalculator public abstract calculate () { /*implementation*/ }

C. public abstract class ShippingCalculator_ public virtual void calculate) implementation/)

D. public abstract class ShippingCalculator public override calculate() implementation/

76) For which three items can a trace flag be configured?

Choose 3 answers

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

77) Since Aura application events follow the traditional publish-subscribe model, which method is used to fire an event?

- A. emit()
- B. fireEvent()
- C. registerEvent()
- D. fire()

78) A developer 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 tag to accomplish this?

Choose 3 answers.

- A extensions (Correct)
- B action(Correct)
- C readOnly
- D renderAs
- E standardController(Correct)

79) When a user edits the Postal Code on an Account, a custom Account text field named “Timezone” must be updated based on the values in a PostalCodeToTimezone c custom object

How can a developer implement this feature?

- A) Build an Account Workflow Rule.
- B) Build an Account Assignment Rule.

C) Build an Account custom Trigger.

D) Build an Account Approval Process.

80) Which annotation exposes an Apex class as a RESTful web service?

A. @RemoteAction

B. @RestResource

C. @HttpInvocable

D. @AuraEnabled

81) A developer needs to create a baseline set of data (Accounts, Contacts, Products, Assets) for an entire suite of tests allowing them to test independent requirements for various types of Salesforce Cases. Which approach can efficiently generate the required data for each unit test?

A. Use @TestSetup with a void method.

B. Create a mock using the Stub API.

C. Create test data before Test.startTest() in the unit test.

D. Add @IsTest (seeAllData=true) at the start of the unit test class.

82) Universal Containers recently transitioned from Classic to Lightning Experience. One of its business processes requires certain values from the Opportunity object to be sent via an HTTP REST callout to its external order management system based on an ad-hoc basis when the user presses a custom button on the Opportunity detail page. Example values are as follows: Name . Amount • Account Which two methods should the developer implement to fulfill the business requirement?

Choose 2 answers

A. Create a Remote Action on the Opportunity object that executes an Apex immediate action to perform the HTTP REST callout whenever the Opportunity is updated.

B. Create an after update trigger on the Opportunity object that calls a helper method using @Future (Callout=true) to perform the HTTP REST callout.

C. Create a Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose the component on the Opportunity detail page.

D. Create a Lightning component that performs the HTTP REST callout, and use a Lightning Action to expose the component on the Opportunity detail page.

83) A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. The field update in the workflow rule is configured to not re-evaluate workflow rules.

What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

- A. 1
- B. 2**
- C. 4
- D. 3

84) Given the following trigger implementation:
trigger leadTrigger on Lead (before update) { final ID BUSINESS_RECORDTYPEID = '012500000009Qad'; for(Lead thisLead :Trigger.new) { if(thisLead.Company != null && thisLead.RecordTypeId != BUSINESS_RECORDTYPEID){ thisLead.RecordTypeId = BUSINESS_RECORDTYPEID; } } } The developer receives deployment errors every time a deployment is attempted from the Sandbox to Production.

What should the developer do to ensure a successful deployment?

- A) Ensure a record type with an ID of BUSINESS_RECORDTYPEID exists on Production prior to deployment.
- B) Ensure BUSINESS_RECORDTYPEID is retrieved Schema.Describe calls.
- C) Ensure the deployment is validated by a System Admin user on Production.
- D) Ensure BUSINESS_RECORDTYPEID is pushed as part of the deployment components.**

85) What can be developed using the Lightning Component framework?

- A. Dynamic web sites
- B. Salesforce integrations
- C. Single-page web apps**
- D. Hosted web applications

86) The values 'High', 'Medium', and 'Low' are identified as common values for multiple picklists across different objects. What is an approach a developer can take to streamline maintenance of the picklists and their values, while also restricting the values to the ones mentioned above?

- A. Create a picklist on each object and use a global picklist value set containing the values.**

- B. Create the picklist on each object as a required field and select “Display values alphabetically, not in the order entered”.
- C. Create the picklist on each object and add a validation rule to ensure data integrity.
- D. Create the picklist on each object and select “Restrict picklist to the values defined in the value set”.

87) A custom Visualforce controller calls the ApexPages.addMessage() method, but no messages are rendering on the page.

Which component should be added to the Visualforce page to display the message?

- A. <apex:message for="info"/>
- B. <apex: pageMessages />**
- C. <apex:facet name="messages" />
- D. <apex: pageMessage severity="info" />

88) A developer identifies the following triggers on the Expense_c object: deleteExpense, applyDefaultsToExpense, validateExpenseUpdate: The triggers process before delete, before insert, and before update events respectively.

Which two techniques should the developer implement to ensure trigger best practices are followed?
Choose 2 answers

- A. Unify the before insert and before update triggers and use Flow for the delete action.
- B. Unify all three triggers in a single trigger on the Expense_c object that includes all events.**
- C. Create helper classes to execute the appropriate logic when a record is saved**
- D. Maintain all three triggers on the Expense_c object, but move the Apex logic out of the trigger definition.

89) A developer is creating a page that allows users to create multiple Opportunities. The developer is asked to verify the current user's default Opportunity record type, and set certain default values based on the record type before inserting the record. How can the developer find the current user's default record type?

- A. Query the Profile where the ID equals userInfo.getProfileID) and then use the profile.Opportunity.getDefaultRecordType() method.
- B. Use Opportunity.SObjectType.getDescribe ().getRecordTypeInfos) to get a list of record types, and iterate through them until isDefaultRecordTypeMapping() is true.**

C. Create the opportunity and check the opportunity.recordtype, which will have the record ID of the current user's default record type, before inserting.

D. Use the schema.userInfo.opportunity.getDefaultRecordPyp () method.

90) Which three Salesforce resources can be accessed from a Lightning web component?

Choose 3 answers

A. Content asset files

B. All external libraries

C. SVG resources

D. Third-party web components

E. Static resources

91) Universal Containers uses a Master-Detail relationship and stores the availability date on each Line Item of an Order and Orders are only shipped when all of the Line Items are available. Which method should be used to calculate the estimated ship date for an Order?

A. Use a DAY'S formula on each of the availability date fields and a COUNT Roll-Up Summary field on the Order.

B. Use a LATEST formula on each of the latest availability date fields.

C. Use a MAX Roll-Up Summary field on the latest availability date fields.

D. Use a CEILING formula on each of the latest availability date fields.

92) What should be used to create scratch orgs?

A. Developer Console

B. Salesforce CLI

C. Workbench

D. Sandbox refresh

93) Refer to the following code snippet for an environment has more than 200 Accounts belonging to the 'Technology' industry:

```
for(Account thisAccount :
```

```
[Select Id, Industry FROM Account LIMIT 150]{ if(thisAccount.Industry == 'Technology'){  
thisAccount.Is_Tech = true; } update thisAccount; }
```

When the code executes, which two events occur as a result of the Apex transaction?

Choose 2 answers

A) If executed in an asynchronous context, the apex transaction is likely to fail by exceeding the DML governor limit. SOQL without querying the requested field: Account.Is_Tech =

B. The Apex transaction succeeds regardless of any uncaught exception and all processed accounts are updated.

D) If executed in a synchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

94) A developer is writing tests for a class and needs to insert records to validate functionality. Which annotation method should be used to create records for every method in the test class?

A @TestSetup(Correct)

B @isTest (SeeAllData=true)

C @isTest (SeeAllData=true)

D @PreTest

95) Which two statements accurately represent the MVC framework implementation in Salesforce?

Choose 2 answers.

• Lightning component HTML files represent the Model (M) part of the MVC framework.

• Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.

• Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.

• Records created or updated by triggers represent the Model (M) part of the MVC framework

96) What are three considerations when using the @InvocableMethod annotation in Apex? Choose 3 answers

A. A method using the @InvocableMethod annotation can have multiple input parameters.

B. A method using the @InvocableMethod annotation can be declared as Public or Global.

C. A method using the @InvocableMethod annotation must define a return value.

D. A method using the @InvocableMethod annotation must be declared as static.

E. Only one method using the @InvocableMethod annotation can be defined per Apex class.

97) What is the value of the Trigger.old context variable in a before insert trigger?

- A. null
- B. A list of newly created sObjects without IDs
- C. An empty list of sObjects
- D. Undefined

98) A Lightning component has a wired property, searchResults, that stores a list of Opportunities. Which definition of the Apex method, to which the searchResults property is wired, should be used?

- A. @AuraEnabled (cacheable=false) public static List search (String term) { /*implementation*/ }
- B. @AuraEnabled (cacheable=false) public List search (String term) { /*implementations*/ }
- C. @AuraEnabled(cacheable=true) public static List search (String term) { /*implementation*/ }
- D. @AuraEnabled (cacheable=true) public List search (String term) { /*implementation*/ }

99) Which statement generates a list of Leads and Contacts that have a field with the phrase 'ACME'?

- A) List searcheList = [FIND "ACME" IN ALL FIELDS RETURNING Contact, Lead];
- B) Map searchList = [FIND "ACME" IN ALL FIELDS RETURNING Contact, Lead];
- C) <List<List Sobject> searchList = [FIND "ACME" IN ALL FIELDS RETURNING Contact, Lead];
- D) List> searchList = [SELECT Name, ID FROM Contact, Lead WHERE Name like "ACME"];

100) In the Lightning UI, where should a developer look to find information about a Paused Flow Interview?

- A In the system debug log by filtering on Paused Flow Interview.
- B In the Paused Interviews sections of the Apex Flex Queue.
- C On the paused Flow Interviews component on the Home page
- D On the Paused Flow Interviews related list for a given record.

101) Which three code lines are required to create a Lightning component on a Visualforce page?

Choose 3 answers

- A. <apex:slds/>
- B. @Lightning.createComponent**
- C. <apex:includeLightning/>**
- D. @Lightning.use**
- E. @Lightning.useComponent

102) What are two characteristics related to formulas?

Choose 2 answers

- A. Formulas can reference themselves.
- B. Formulas are calculated at runtime and are not stored in the database.**
- C. Fields that are used in a formula field can be deleted or edited without editing the formula.
- D. Formulas can reference values in related objects.**

103) A developer must create a DrawList class that provides capabilities defined in the Sortable and Drawable Interfaces. public interface Sortable { void sort(); } public interface Drawable { void draw(); } Which is the correct implementation?

- A. public class DrawList implements Sortable, Drawable { public void sort() { /*implementation*/ } public void draw() { /*implementation*/ } }**
- B. public class DrawList extends Sortable, Drawable { public void sort() { /*implementation*/ } public void draw() { /*implementation*/ } }
- C. public class DrawList extends Sortable, Drawable { public void sort() { /*implementation*/ } public void draw() { /*implementation*/ } }
- D. public class DrawList implements Sortable, Drawable { public void sort() { /*implementation*/ } public void draw() { /*implementation*/ } }

104) Universal Containers hires a developer to build a custom search page to help users find the Accounts they want. Users will be able to search on Name, Description, and a custom comments field. Which consideration should the developer be aware of when deciding between SOQL and SOSL?

Choose 2 answers

- A. SOQL is faster for text searches.

B. SOSL is able to return more records.

C. SOQL is able to return more records.

D. SOSL is faster for text searches.

105) A developer is asked to create a Visualforce page that displays some Account fields as well as fields configured on the page layout for related Contacts.

How should the developer implement this request?

A) Use the <apex:relatedList> tag.

B) Use the <apex:include> tag.

C) Add a method to the standard controller.

D) Create a controller extension.

106) A software company uses the following objects and relationships: .

Case: to handle customer support issues

Defect_c: a custom object to represent known issues with the company's software

• Case_Defect_c: a junction object between Case and Defect_c to represent that a defect is a cause of a customer issue Case and Defect_c have Private organization-wide defaults.

What should be done to share a specific Case_Defect_c record with a user?

A. Share the parent Case and Defecte records.

B. Share the parent Case record.

C. Share the Case_Defecte record.

D. Share the parent Defecte record.

107) A developer is tasked with performing a complex validation using Apex as part of advanced business logic. When certain criteria are met for a Purchase Order, the developer must throw custom exception.

What is the correct way for the developer to declare a class that can be used as an exception?

A. public class Purchase Order implements Exception ()

B. public class Purchase Order Exception implements Exception ()

C. public class Purchase Order extends Exception ()

D. public class Purchase Order Exception extends Exception ()

108) A developer creates a Lightning web component that imports a method within an Apex class. When a Validate button is pressed, the method runs to execute complex validations. In this implementation scenario, which artifact is part of the Controller according to the MVC architecture?

- A. Apex class**
- B. JavaScript file
- C. HTML file
- D. XML file

109) Which two are phases in the Aura application event propagation framework?

Choose 2 answers

- A. Default**
- B. Emit
- C. Control
- D. Bubble**

110) A developer created a child Lightning web component nested inside a parent Lightning web component. The parent component needs to pass a string value to the child component. In which two ways can this be accomplished?

Choose 2 answers

- A. The parent component can use the Apex controller class to send data to the child component.
- B. The parent component can invoke a method in the child component.
- C. The parent component can use a public property to pass the data to the child component.**
- D. The parent component can use a custom event to pass the data to the child component.**

111) Given the code below in an Apex class:

```
List <Account> List (SELECT Id, Active_c FROM Account]; for (Account a: alist) ! if (ta.Active_c) ( a.Name  
INACTIVE: update aList: What should a developer do to correct the code so that there is no chance of  
hitting a governor limit?
```

- A. Change the DML to use Database.update (aList, true);

- B. Change the DML to use Database.update (slist, false);
- C. Add a LIMIT clause to the SOQL statement.
- D. Add a WHERE clause to the SOQL statement.**

112) A company has been adding data to Salesforce and has not done a good job of limiting the creation of duplicate Lead records. The developer is considering writing an Apex process to identify duplicates and merge the records together.

Which two statements are valid considerations when using merge?

Choose 2 answers

- A. The field values on the master record are overwritten by the records being merged.
- B. The merge method allows up to three records, including the master and two additional records with the same subject type, to be merged into the master record.**
- C. External ID fields can be used with the merge method.
- D. Merge is supported with accounts, contacts, cases, and leads**

113) A developer has a requirement to write Apex code to update a large number of account records on a nightly basis. The system administrator needs to be able to schedule the class to run after business hours on an as-needed basis. Which class definition should be used to successfully implement this requirement?

- A. global inherited sharing class ProcessAccount Processor implements Database.Batchable, Schedulable
- B. global inherited sharing class ProcessAccount Processor implements Database.Batchable
- C. global inherited sharing class Process Account Processor implements Queueable
- D. global inherited sharing class ProcessAccount Processor implements Schedulable**

114) What are two use cases for executing Anonymous Apex code?

Choose 2 answers

- A. To add unit test code coverage to an org
- B. To run a batch Apex class to update all Contacts**
- C. To delete 15,000 inactive Accounts in a single transaction after a deployment
- D. To schedule an Apex class to run periodically**

115) As part of a data cleanup strategy, AW Computing wants to proactively delete associated opportunity records when the related Account is deleted.

Which automation tool should be used to meet this business requirement?

A. Workflow Rules

B. Record-Triggered Flow

C. Process Builder

D. Scheduled Job

116) What should a developer use to fix a Lightning web component bug in a sandbox?

A. Developer Console

B. Execute Anonymous

C. Force.com IDE

D. VS Code

117) If Apex code executes inside the execute() method of an Apex class when Implementing the Batchable Interface, which two statements are true regarding governor limits?

Choose 2 answers

A. The Apex governor limits cannot be exceeded due to the asynchronous nature of the transaction.

B. The Apex governor limits are omitted while calling the constructor of the Apex class.

C. The Apex governor limits might be higher due to the asynchronous nature of the transaction.

D. The Apex governor limits are reset for each iteration of the execute() method.

118) Einstein Next Best Action is configured at Universal Containers to display recommendations to internal users on the Account detail page. If the recommendation is approved, a new opportunity record and task should be generated. If the recommendation is rejected, an Apex method must be executed to perform a callout to an external system. Which three factors should a developer keep in mind when implementing the Apex method?

Choose 3 answers

A. The method must be defined as public.

B. The method must use the @Future annotation.

C. The method must use the @Aura Enabled annotation.

D. The method must use the @invocableMethod annotation.

E. The method must be defined as static.

119) A PrimaryId_c custom field exists on the Candidate_c custom object. The field is used to store each candidate's id number and is marked as Unique in the schema definition. As part of a data enrichment process, Universal Containers has a CSV file that contains updated data for all candidates in the system. The file contains each Candidate's primary id as a data point.

Universal Containers wants to upload this information into Salesforce, while ensuring all data rows are correctly mapped to a candidate in the system.

Which technique should the developer implement to streamline the data upload?

A. Update the PrimaryId_c field definition to mark it as an External Id.

B. Upload the CSV into a custom object related to Candidate_c.

C Create a before insert trigger to correctly map the records.

D. Create a before save flow to correctly map the records.

120) A Salesforce Administrator used Flow Builder to create a flow named "accountOnboarding". The flow must be used inside an Aura component.

Which tag should a developer use to display the flow in the component?

A. Aura: flow

B. aura-flow

C. lightning: flow

D. lightning-flow

121) What are three characteristics of change set deployments?

Choose 3 answers

A. Sending a change set between two orgs requires a deployment connection.

B. Change sets can only be used between related organizations.

C. Change sets can be used to transfer records.

D. Change sets can deploy custom settings data.

E. Deployment is done in a one-way, single transaction.

122) A third-party vendor created an unmanaged Lightning web component. The Salesforce Administrator wishes to expose the component only on Record Page Layouts.

Which two actions should the developer take to accomplish this business objective?

Choose 2 answers

A. Specify lightningCommunity_Fage as a target in the XML file.

B. Ensure isExposed is set to true on the XML file.

C. Specify lightning_RecordPage as a target in the XML file.

D. Specify lightningCommunity_Page Layout as a target in the XML file.

123) In terms of the MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Lightning Web Component-based development over Visualforce?

Choose 2 answers

A. Rich component ecosystem

B. Self-contained and reusable units of an application

C. Built-in standard and custom set controllers

D. Log capturing via the Debug Logs Setup page

124) Which two statements are true about getter and setter methods as they relate to Visualforce?

Choose 2 answers

A. Getter methods must be named get Variable and setter methods must be named setVariable.

B. A corresponding setter method is required for each getter method.

C. Setter methods always have to be declared global.

D. Getter methods pass values from a controller to a page.

125) A lead developer creates an Apex interface called "Laptop". Consider the following code snippet:

```
public class SilverLaptop! //code implementation
```

How can a developer use the Laptop interface within the SilverLaptop class?

A. (Extende (class="Laptop") public class Silverlaptop

B. Interface (class="Laptop") public class BilverLaptop

C. public class SilverLaptop implements Laptop

D. public class SilverLaptop extends Laptop

126) What are three capabilities of the tag when loading JavaScript resources in Aura components?

Choose 3 answers

A. Loading files from Documents

B Loading externally hosted scripts

C. Specifying loading order

D. One-time loading for duplicate scripts

E. Loading scripts in parallel

127) A business has a proprietary Order Management System (OMS) that creates orders from their website and fulfills the orders. When the order is created in the OMS, an integration also creates an order record in Salesforce and relates it to the contact as identified by the email on the order. As the order goes through different stages in the OMS, the integration also updates it in Salesforce. It is noticed that each update from the OMS creates a new order record in Salesforce.

which two actions will prevent the duplicate order records from being created in Salesforce?

Choose 2 answers

A. Use the email on the contact record as an external ID.

B. Write a before trigger on the order object to delete any duplicates.

C. Ensure that the order number in the OMS is unique.

D. Use the order number from the OMS as an external ID.

128) Universal Containers has a support process that allows users to request support from its engineering team using a custom object, Engineering Support_o. Users should be able to associate multiple Engineering Support_c records to a single Opportunity record. Additionally, aggregate information about the Engineering Support_c records should be shown on the Opportunity record.

What should a developer implement to support these requirements?

A. Lookup field from Engineering Support_e to Opportunity

B. Master-detail field from Engineering Support_c to Opportunity.

C. Lookup field from Opportunity to Engineering Support_c

D. Master-detail field from Opportunity to Engineering Support_c

129) A developer is creating an app that contains multiple Lightning web components. One of the child components is used for navigation purposes. When a user clicks a button called Next in the child component, the parent component must be alerted so it can navigate to the next page.

How should this be accomplished?

- A. Create a custom event.
- B. Call a method in the Apex controller.
- C. Update a property on the parent.
- D. Fire a notification.

130) A developer wants to mark each Account in a List<account> as either Active or Inactive, based on the value in the LastModifiedDate field of each Account being greater than 90 days in the past.

Which Apex technique should the developer use?

- A. A for loop, with a avitch statement inside
- B. An if-else statement, with a roz loop inside
- C. A switch statement, with a for loop inside
- D. A for loop, with an if-else statement inside

131) The OrderHelper class is a utility class that contains business logic for processing orders. Consider the following code snippet: public class without sharing OrderHelper{

//code implementation

A developer needs to create a constant named DELIVERY_MULTIPLIER with a value of 4.15. The value of the constant should not change at any time in the code.

How should the developer declare the DELIVERY MULTIPLIER constant to meet the business objectives?

A. static decimal DELIVERY_MULTIPLIER = 4.15;

B. decimal DELIVERY_MULTIPLIER= 4.15;

C. static final decimal DELIVERY_MULTIPLIER = 4.15;

D. constant decimal DELIVERY MULTIPLIER = 4.15;

132) Universal Containers has created a unique process for tracking container repairs. A custom field, Status_c, has been created within the Container_c custom object. A developer is tasked with sending notifications to multiple external systems every time the value of the Status_c picklist changes. Which

two tools should the developer use to meet the business requirement and ensure low maintenance of the solution?

Choose 2 answers

- A Apex trigger
- B. Record-Triggered flow
- C. Apex callouts
- D. Platform event

133) When using SalesforceDX, what does a developer need to enable to create and manage scratch orgs?

- A. Environment Hub
- B. Production
- C. Dev Hub
- D. Sandbox

134) A developer creates a custom exception as shown below:

```
public class ParityException extends Exception {} What are two ways the developer can fire the exception in Apex ?
```

Choose 2 answers

- A. throw new ParityException();
- B. new ParityException();
- C. new ParityException ('parity does not match');
- D. throw new ParityException ('parity does not match');

135) When importing and exporting data into Salesforce, which two statements are true?

Choose 2 answers

[refer 1st occurrence](#)

- A. Data import wizard is an application that is installed on your computer.
- B. Bulk API can be used to import large data volumes in development environments without bypassing the storage limits.

C. Bulk API can be used to bypass the storage limits when importing large data volumes in development environments.

D. Developer and Developer Pro sandboxes have different storage limits.

136) An org tracks customer orders on an Order object and the line items of an Order on the Line Item object. The Line Item object has a master detail relationship to the Order object. A developer has a requirement to calculate the order amount on an Order and the line amount on each Line Item based on quantity and price. What is the correct implementation?

- A. Implement the line amount as a currency field and the order amount as a SUM formula field.
- B. Write a single before trigger on the Line Item that calculates the item amount and updates the order amount on the Order.
- C. Write a process on the Line Item that calculates the item amount and order amount and updates the fields on the Line Item and the Order.
- D. Implement the line amount as a numeric formula field and the order amount as a roll-up summary field.

137) Get Cloudy Consulting (GCC) has a multitude of servers that host its customers' websites. GCC wants to provide a servers status page that is always on display in its call center. It should update in real time with any changes made to any servers. To accommodate this on the server side, a developer created a Server Update platform event. The developer is working on a Lightning web component to display the information.

What should be added to the Lightning web component to allow the developer to interact with the Server Update platform event?

- A. import { subscribe, unsubscribe, onError } from lightning/Message Channel'
- B. import subscribe, unsubscribe, onError from 'lightning/pubsub'
- C. import subscribe, unsubscribe, onError) from lightning/ServerUpdate'
- D. import subscribe, unsubscribe, onError) from lightning/empApi';

138) A developer wants to retrieve the Contacts and Users with the email address 'dev@uc.com'.

Which SOSL statement should the developer use?

- A. FIND (dev@uc.com) IN Email Fields RETURNING Contact (Email), User (Email)
- B. FIND Email IN Contact, User FOR (dev2uc.com)
- C. FIND (Email = 'dev@uc.com') IN Contact, User

D. FIND (Email = 'dev@uc.com') RETURNING Contact (Email), User (Email)

139) A custom object Trainer_c has a lookup field to another custom object Gym_c. Which SOQL query will get the record for the Viridian City Gym and all its trainers?

- A. SELECT Id, (SELECT Id FROM Trainer_c) FROM Gym_c WHERE Name = 'Viridian City Gym'
- B. SELECT ID FROM Trainer_c WHERE Gym_r.Name = 'Viridian City Gym'
- C. SELECT Id, (SELECT Id FROM Trainers__C) FROM Gym_c WHERE Name = 'Vizidian City Gym'
- D. SELECT Id, (SELECT Id FROM Trainers_r) FROM Gym_ WHERE Name = 'Viridian City Gym'**

140) A developer wrote Apex code that calls out to an external system. How should a developer write the test to provide test coverage?

- A. Write a class that extends HTTPCalloutMock.
- B. Write a class that implements WebServiceMock
- C. Write a class that implements HTTPCalloutMock.**
- D. Write a class that extends WebserviceMock.

141) Which three operations affect the number of times a trigger can fire?

Choose 3 answers

- A. Criteria-based Sharing calculations
- B. Email messages
- C. Lightning Flows**
- D. Workflow Rules**
- E. Roll-Up Summary fields**

142) A developer has the following requirements:

- Calculate the total amount on an Order
- Calculate the line amount for each Line Item based on quantity selected and price. .

Move Line Items to a different Order if a Line Item is not in stock. Which relationship implementation supports these requirements on its own?

- A. Line Item has a re-parentable master-detail field to Order.**

- B. Order has a re-parentable master-detail field to Line Item.
- C. Line Item has a re-parentable lookup field to Order.
- D. Order has a re-parentable lookup field to Line Item.

143) A developer is asked to prevent anyone other than a user with Sales Manager profile from changing the Opportunity Status to Closed Lost if the lost reason is blank.

Which automation allows the developer to satisfy this requirement in the most efficient manner?

- A. A record trigger flow on the Opportunity object
- B. An Apex trigger on the Opportunity object
- C. An approval process on the Opportunity object
- D. An error condition formula on a validation rule on Opportunity**

144) 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 a custom field on the child object of type Lookup.**
- B. Create and populate a custom field on the parent object marked as an External ID.
- C. Create and populate a custom field on the parent object marked as Unique.
- D. Create a custom field on the child object of type External Relationship.

145) A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the platform governor limit.

```
public without sharing class OpportunityService {
    public static List<OpportunityLineItem> getOpportunityProducts (Set<Id> opportunityIds) {
        List<OpportunityLineItem> oppLineItems = new List<OpportunityLineItem>();
        for (Id oppId : opportunityIds) {
            oppLineItems.addAll([SELECT Id FROM OpportunityLineItem WHERE OpportunityId = :oppId]);
        }
        return oppLineItems;
    }
}
```

The above method might be called during a trigger execution via a Lightning component. Which technique should be implemented to avoid reaching the governor limit?

- A. Refactor the code above to perform only one SOQL query, filtering by the set of opportunityIds.**
- B. Use the System.Limits.getQueryCount() method to ensure the number of queries is less than 100.

- C. Use the System.Limits.getQueries() method to ensure the number of queries is less than 100.
- D. Refactor the code above to perform the SOQL query only if the set of opportunityIds contains less than 100 10s.

146) Which two settings must be defined in order to update a record of a junction object?

Choose 2 answers

- A. Read/Write access on the primary relationship
- B. Read/Write access on the junction object
- C. Read/Write access on the secondary relationship
- D. Read access on the primary relationship

147) Which code should be used to update an existing Visualforce page that uses standard Visualforce components so that the page matches the look and feel of Lightning Experience?

- A. <apex:page lightningStyleSheets="true">
- B. <apex: includeLightning/>
- C. <apex:slds/>
- D. <apex:stylesheet value="[1&URLFOR (@Resource.sida, 'assets/sids.css'))">

148) A developer receives an error when trying to call a global server-side method using the @remoteAction decorator. How can the developer resolve the error?

- A. Add static to the server-side method signature.
- B. Decorate the server-side method with (static-false).
- C. Decorate the server-side method with (static-true).
- D. Change the function signature to be private static.

149) A business implemented a gamification plan to encourage its customers to watch some educational videos. Customers can watch videos over several days, and their progress is recorded. Award points are granted to customers for all completed videos. When the video is marked as completed in Salesforce, an external web service must be called so that points can be awarded to the user.

A developer implemented these requirements in the after update trigger by making a call to an external web service. However, a System.CalloutException is occurring.

What should the developer do to fix this error?

- A. Move the callout to an asynchronous method with @future (callout-true) annotation.
- B. Replace the after-update trigger with a before insert trigger.
- C. Surround the external call with a try-catch block to handle the exception.
- D. Write a REST service to integrate with the external web service.

150) Given the following Apex statement:

```
Account myAccount = [SELECT Id, Name FROM Account];
```

What occurs when more than one Account is returned by the SOQL query?

- A. An unhandled exception is thrown, and the code terminates.
- B. The query fails and an error is written to the debug log.
- C. The variable, myAccount, is automatically cast to the List data type.
- D. The first Account returned is assigned to myAccount.

151) Which three statements are accurate about debug logs?

Choose 3 answers

*System debug logs are retained for 24 hours
*Debug logs can be set for specific users, classes and triggers
*Debug logs are cumulative..

- A. The amount of information logged in the debug log can be controlled by the log levels
- B. Amount of information logged in the debug log can be controlled by the bug levels.
- C. Debug log levels are cumulative, where FINE log level includes all events logged at the DEBUG, INFO, WARN, and ERROR levels.
- D. To view Debug logs “Manager users” or “Modify All Data” permission is needed.
- E. Amount of information logged in the debug log can be controlled programmatically.

152) A developer needs to allow users to complete a form on an Account record that will create a record for a custom object. The form needs to display different fields depending on the user's job role. The functionality should only be available to a small group of users.

Which three things should the developer do to satisfy these requirements?

Choose 3 answers

- A. Add a dynamic action to the Account record page.
- B. Create a custom permission for the users.

- C. Create a Lightning web component.
- D. Add a dynamic action to the user's assigned page layouts.
- E. Create a dynamic form.**

153) Which process automation can be used to calculate the shipping cost for an Order when the Order is placed and apply a percentage of the shipping cost to some of the related Order Products?

- A. Entitlement Rules
- B. Flow Builder**
- C. Approval Process
- D. Lightning Component

154) Which two sfdx commands can be used to add testing data to a Developer sandbox?

Choose 2 answers

- A. force:data:tree:import**
- B. force:data:object:create
- C. force:data:bulk:upsert**
- D. force:data:async:upsert

155) What are two best practices when it comes to Lightning Web Component events?

Choose 2 answers

- A. Use event.target to communicate data to elements that aren't in the same shadow tree.**
- B. Use events configured with bubbles: false and composed: false.
- C. Use CustomEvent to pass data from a child to a parent component.**
- D. Use event.detail to communicate data to elements in the same shadow tree

156) The code below deserializes input into a list of Accounts.

```
public class AcctCreator { public void insertAccounts () { String acctJson= getAccountJson (): List  
accts= (List) JSON.deserialize (acctJson, List.class); // DML to insert accounts //... other code including  
getAccountJson implementation
```

Which code modification should be made to insert the Accounts so that field-level security is respected?

A. 01: public with sharing class AcctCreator

B. 05: if (sObjectType.Account.ieCreatable())

C. 05: accts Database.stripinaccessible (accts, Database.CREATABLE);

D. 05: SobjectAccessDecision ad Security.stripinaccessible (AccessType.CREATABLE, accta);

157) A developer created a custom order management app that uses an Apex class. The order is represented by an Order object and an Orderitem object that has a master-detail relationship to Order. During order processing, an order may be split into multiple orders.

What should a developer do to allow their code to move some existing Orderitem records to new Order record?
[refer 1st occurrence](#)

A. Select the Allow reparenting option on the master-detail relationship.

B. Change the master-detail relationship to an external lookup relationship.

C. Add without sharing to the Apex class declaration.

D. Create a junction object between OrderItem and Order.

158) Assuming that 'name' is a String obtained by an (apex : inputText) tag on a Visualforce page, which two SOQL queries performed are safe from SOQL injection?

Choose 2 answers.

A String query = 'SELECT Id FROM Account WHERE Name LIKE \''\$' + name.noQuotes() + '\$\''; List results = Database.query (query);

B String query = "SELECT Id FROM Account WHERE Name LIKE \'\$" + String.escapeSingleQuotes (name) + "\$\""; List results = Database. query (query);(Correct)

C String query = '\$' + name + '\$'; o List results = [SELECT Id FROM Account WHERE Name LIKE : query];(Correct)

D String query = 'SELECT Id FROM Account WHERE Name LIKE '\''\$' + name + '\$\''; o List results = Database. query (query);

159) Cloud Kicks has a multi-screen flow that its call center agents use when handling Inbound service desk calls. At one of the steps in the flow, the agents should be presented with a list of order numbers and dates that are retrieved from an external order management system in real time and displayed on the screen.

What should a developer use to satisfy this requirement?

A. An Apex REST class

B. An outbound message

C. An Apex controller.

D. An Invocable method

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Exam A**QUESTION 1**

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



<https://vceplus.com/>

- 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 components.

Correct Answer: BC

Section: (none)

Explanation



Explanation/Reference:

QUESTION 2

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 types.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

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

How should the Developer overcome this problem?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 4

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 queries results to a single collection and looping through the collection.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which approach should a developer take to automatically add a “Maintenance Plan” to each Opportunity that includes an “Annual Subscription” when an opportunity is closed?

- A. Build a OpportunityLineItem trigger that adds a PriceBookEntry record.
- B. Build an OpportunityLineItem trigger to add an OpportunityLineItem record.
- C. Build an Opportunity trigger that adds a PriceBookEntry record.
- D. Build an Opportunity trigger that adds an OpportunityLineItem record.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

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.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

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"

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 9

How should a developer prevent a recursive trigger?

- A. Use a “one trigger per object” pattern.
- B. Use a static Boolean variable.
- C. Use a trigger handler.
- D. Use a private Boolean variable.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 10**

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 scripts.

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:**QUESTION 11**

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 `getRecordTypeInfosByName()` method in the `DescribeSObjectResult` class.
- D. Execute a SOQL query on the `RecordType` object.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:**QUESTION 12**

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

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

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

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 thrown.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

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

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:



QUESTION 16

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 summary.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

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



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 20

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

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 21**

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.

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 22**

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:**QUESTION 23**

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.Id).Email)
        {
            ld.Prior_Email__c = trigger.oldMap.get (ld.Id).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



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

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

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

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

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 trace.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

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` keywords.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

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

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

What are three characteristics of static methods? (Choose three.)

- A. Initialized only when a class is loaded
- B. A static variable outside of the scope of an Apex transaction
- C. Allowed only in outer classes
- D. Allowed only in inner classes
- E. Excluded from the view state for a Visualforce page



Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

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

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

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 controller.

Correct Answer: A

Section: (none)

Explanation



Explanation/Reference:

QUESTION 31

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 32**

Which three statements are true regarding the `@isTest` annotation? (Choose three.)

- A. A method annotated `@isTest(SeeAllData=true)` in a class annotated `@isTest(SeeAllData=false)` has access to all org data.
- B. A method annotated `@isTest(SeeAllData=false)` in a class annotated `@isTest(SeeAllData=true)` has access to all org data.
- C. A class containing test methods counts toward the Apex code limit regardless of any `@isTest` annotation.
- D. Products and Pricebooks are visible in a test even if a class is annotated `@isTest(SeeAllData=false)`.
- E. Profiles are visible in a test even if a class is annotated `@isTest(SeeAllData=false)`.

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 33**

For which example task should a developer use a trigger rather than a workflow rule?

- A. To set the Name field of an expense report record to Expense and the Date when it is saved
- B. To send an email to a hiring manager when a candidate accepts a job offer
- C. To notify an external system that a record has been modified
- D. To set the primary Contact on an Account record when it is saved

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:**QUESTION 34**

A developer has JavaScript code that needs to be called by controller functions in multiple Aura components by extending a new abstract component.

Which resource in the abstract Aura component bundle allows the developer to achieve this?

- A. helper.js
- B. controller.js
- C. superRender.js
- D. renderer.js

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Which two components are available to deploy using the Metadata API? (Choose two.)

- A. Lead Conversion Settings
- B. Web-to-Case
- C. Web-to-Lead
- D. Case Settings

Correct Answer: AD

Section: (none)

Explanation



Explanation/Reference:

QUESTION 36

Which three statements are true regarding cross-object formulas? (Choose three.)

- A. Cross-object formulas can reference fields from objects that are up to 10 relationships away.
- B. Cross-object formulas can reference fields from master-detail or lookup relationships.
- C. Cross-object formulas can reference child fields to perform an average.
- D. Cross-object formulas can expose data the user does not have access to in a record.
- E. Cross-object formulas can be referenced in roll-up summary fields.

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

Which two practices should be used for processing records in a trigger? (Choose two.)

- A. Use a Map to reduce the number of SOQL calls.
- B. Use @future methods to handle DML operations.
- C. Use a Set to ensure unique values in a query filter.
- D. Use (callout=true) to update an external system.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:



QUESTION 38

What is the debug output of the following Apex code?

```
Decimal theValue;  
System.debug(theValue);
```

- A. 0.0
- B. null
- C. Undefined
- D. 0

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Which type of code represents the Model in the MVC architecture when using Apex and Visualforce pages?

- A. A Controller Extension method that saves a list of Account records
- B. Custom JavaScript that processes a list of Account records
- C. A list of Account records returned from a Controller Extension method
- D. A Controller Extension method that uses SOQL to query for a list of Account records

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

Which tag should a developer include when styling from external CSS is required in a Visualforce page?

- A. apex:includeStyles
- B. apex:includeScript
- C. apex:require
- D. apex:stylesheet



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

A developer has the following class and trigger code.

```
public class InsuranceRates {  
    public static final Decimal smokerCharge = 0.01;  
    ...  
}  
  
trigger ContactTrigger on Contact (before insert) {  
    InsuranceRates rates = new InsuranceRates();  
    Decimal baseCost = XXX;  
    ...  
}
```

Which code segment should a developer insert at the `XXX` to set the `baseCost` variable to the value of the class variable `smokerCharge`?

- A. `InsuranceRates.smokerCharge`
- B. `rates.getSmokerCharge()`
- C. `ContactTrigger.InsuranceRates.smokerCharge`
- D. `rates.smokerCharge`

Correct Answer: A

Section: (none)

Explanation



Explanation/Reference:

QUESTION 42

A developer can use the debug log to see which three types of information? (Choose three.)

- A. HTTP callouts to external systems
- B. Database changes
- C. Resource usage and limits
- D. User login events
- E. Actions triggered by time-based workflow

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:**QUESTION 43**

The Review_c object has a lookup relationship up to the Job_Application_c object. The Job_Application_c object has a master-detail relationship up to the Position_c object. The relationship field names are based on the auto-populated defaults.

What is the recommended way to display field data from the related Position_c record on a Visualforce page for a single Review_c record?

- A. Use the Standard Controller for Review_c and cross-object Formula Fields on the Position_c object to display Position_c data.
- B. Use the Standard Controller for Job_Application_c and a Controller Extension to query for Position_c data.
- C. Use the Standard Controller for Job_Application_c and cross-object Formula Fields on the Review_c object to display Position_c data.
- D. Use the Standard Controller for Review_c and expression syntax in the Page to display related Position_c data through the Job_Application_c object.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:**QUESTION 44**

Which message is logged by the code below?

```
try{  
    List<Id> idList;  
    Account a;  
    insert a;  
    Id acctId = a.Id;  
    idList.add( acctId );  
}catch ( ListException le ){  
    System.debug('List Exception');  
}catch ( NullPointerException npe ){  
    System.debug('NullPointer Exception');  
}catch ( Exception e ){  
    System.debug('Generic Exception');  
}
```

- A. Generic Exception
- B. List Exception
- C. NullPointer Exception



D. No message is logged.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

The sales team at Universal Containers would like to see a visual indicator appear on both Account and Opportunity page layouts to alert salespeople when an Account is late making payments or has entered the collections process.

What can a developer implement to achieve this requirement without having to write custom code?

- A. Formula Field
- B. Workflow Rule
- C. Quick Action
- D. Roll-up Summary Field

Correct Answer: A

Section: (none)

Explanation



Explanation/Reference:

QUESTION 46

Which feature allows a developer to create test records for use in test classes?

- A. Documents
- B. WebServiceTests
- C. HttpCalloutMocks
- D. Static Resources

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 47**

Which control statement should a developer use to ensure that a loop body executes at least once?

- A. for (init_stmt; exit_condition; increment_stmt) {...}
- B. do {...} while (condition)
- C. while (condition) {...}
- D. for (variable : list_or_set) {...}

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:**QUESTION 48**

A company has a custom object named Region. Each Account in Salesforce can only be related to one Region at a time, but this relationship is optional.

Which type of relationship should a developer use to relate an Account to a Region?

- A. Parent-Child
- B. Hierarchical
- C. Lookup
- D. Master-Detail

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:**QUESTION 49**

How can a developer get all of the available record types for the current user on the Case object?

- A. Use DescribeSObjectResult of the Case object.
- B. Use SOQL to get all Cases.
- C. Use DescribeFieldResult of the Case.RecordType field.
- D. Use Case.getRecordTypes().

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

A developer needs to create an audit trail for records that are sent to the recycle bin.

Which type of trigger is most appropriate to create?

- A. after delete
- B. after undelete
- C. before undelete
- D. before delete



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

In which three areas can a Lightning component be used in the Lightning Experience? (Choose three.)

- A. Lightning Report page
- B. Lightning Connect page
- C. Lightning Record Page
- D. Lightning Community Page
- E. Lightning Home page

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

A change set deployment from a sandbox to production fails due to a failure in a managed package unit test. The developer spoke with the managed package owner and they determined it is a false positive and can be ignored.

What should the developer do to successfully deploy?

- A. Select “Run local tests” to run all tests in the org that are not in the managed package.
- B. Select “Fast Deploy” to run only the tests that are in the change set.
- C. Select “Run local tests” to run only the tests that are in the change set.
- D. Edit the managed package’s unit test.

Correct Answer: A

Section: (none)

Explanation



Explanation/Reference:

QUESTION 53

A developer needs to include a Visualforce page in the detail section of a page layout for the Account object, but does not see the page as an available option in the Page Layout Editor.

Which attribute must the developer include in the <apex:page> tag to ensure the Visualforce page can be embedded in a page layout?

- A. standardController= “Account”
- B. extensions= “AccountController”
- C. controller= “Account”
- D. action= “AccountId”

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Candidates are reviewed by four separate reviewers and their comments and scores which range from 1 (lowest) to 5 (highest) are stored on a review record that is a detail record for a candidate.

What is the best way to indicate that a combined review score of 15 or better is required to recommend that the candidate come in for an interview?

- A. Use a Validation Rule on a total score field on the candidate record that prevents a recommended field from being true if the total score is less than 15.
- B. Use a Rollup Summary field to calculate the sum of the review scores, and store this in a total score field on the candidate.
- C. Use Visual Workflow to set a recommended field on the candidate whenever the cumulative review score is 15 or better.
- D. Use a Workflow Rule to calculate the sum of the review scores and send an email to the hiring manager when the total is 15 or better.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 55

What is a benefit of using a trigger framework?

- A. Reduces trigger execution time
- B. Allows functional code to be tested by a test class
- C. Increases trigger governor limits
- D. Simplifies addition of context-specific logic

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



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QUESTION 1

Which statement results in an Apex compiler error?

- A. Map<Id,Leas> lmap = new Map<Id,Lead>([Select ID from Lead Limit 8]);
- B. Date d1 = Date.Today(), d2 = Date.ValueOf('2018-01-01');
- C. Integer a=5, b=6, c, d = 7;
- D. List<string> s = List<string>{'a','b','c');

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

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 components.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

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 types.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

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

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

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

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

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

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

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

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

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 queries results to a single collection and looping through the collection.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

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 variables.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

Which approach should a developer take to automatically add a "Maintenance Plan" to each Opportunity that includes an "Annual Subscription" when an opportunity is closed?

- A. Build a OpportunityLineItem trigger that adds a PriceBookEntry record.
- B. Build an OpportunityLineItem trigger to add an OpportunityLineItem record.
- C. Build an Opportunity trigger that adds a PriceBookEntry record.
- D. Build an Opportunity trigger that adds an OpportunityLineItem record.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

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.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

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"

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

How should a developer prevent a recursive trigger?

- A. Use a "one trigger per object" pattern.
- B. Use a static Boolean variable.
- C. Use a trigger handler.
- D. Use a private Boolean variable.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

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.

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

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 scripts.

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

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 getRecordTypeInfosByName() method in the DescribeSObjectResult class.
- D. Execute a SOQL query on the RecordType object.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A developer has the controller class below.

```
public with sharing class myFooController {  
    public integer prop { get; private set;  
}
```

Which code block will run successfully in an execute anonymous window?

- A. myFooController m = new myFooController(); System.assert(m.prop !=null);
- B. myFooController m = new myFooController(); System.assert(m.prop ==0);
- C. myFooController m = new myFooController(); System.assert(m.prop ==null);
- D. myFooController m = new myFooController(); System.assert(m.prop ==1);

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

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

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

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

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()) {...}

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

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.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

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 thrown.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

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

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

Using the Schema Builder, a developer tries to change the API name of a field that is referenced in an Apex test class. What is the end result?

- A. The API name is not changed and there are no other impacts.
- B. The API name of the field and the reference in the test class is changed.
- C. The API name of the field is changed, and a warning is issued to update the class.
- D. The API name of the field and the reference in the test class is updated.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

When is an Apex Trigger required instead of a Process Builder Process?

- A. When a record needs to be created
- B. When multiple records related to the triggering record need to be updated
- C. When a post to Chatter needs to be created
- D. When an action needs to be taken on a delete or undelete, or before a DML operation is executed.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

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 summary.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

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

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

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

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.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

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.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

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.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

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

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

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.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

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

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

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 fields.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

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 limits.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

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.

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

Why would a developer consider using a custom controller over a controller extension?

- A. To increase the SOQL query governor limits.
- B. To implement all of the logic for a page and bypass default Salesforce functionality
- C. To leverage built-in functionality of a standard controller
- D. To enforce user sharing settings and permissions

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

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.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

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.Id).Email)
        {
            ld.Prior_Email__c = trigger.oldMap.get (ld.Id).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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

How should a developer create a new custom exception class?

- A. public class CustomException extends Exception{}
- B. CustomException ex = new (CustomException)Exception();

- C. public class CustomException implements Exception{}
- D. (Exception)CustomException ex = new Exception();

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

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

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

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

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 trace.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

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 keywords.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

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

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

What are three characteristics of static methods? (Choose three.)

- A. Initialized only when a class is loaded
- B. A static variable outside of the scope of an Apex transaction
- C. Allowed only in outer classes
- D. Allowed only in inner classes
- E. Excluded from the view state for a Visualforce page

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

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

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

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 controller.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

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

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

A developer is asked to create a custom Visualforce page that will be used as a dashboard component. Which three are valid controller options for this page? (Choose three.)

- A. Use a standard controller.
- B. Use a standard controller with extensions.
- C. Use a custom controller with extensions.
- D. Do not specify a controller.
- E. Use a custom controller.

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

A Platform Developer needs to implement a declarative solution that will display the most recent Closed Won date for all Opportunity records associated with an Account.

Which field is required to achieve this declaratively?

- A. Roll-up summary field on the Opportunity object
- B. Cross-object formula field on the Opportunity object
- C. Roll-up summary field on the Account object
- D. Cross-object formula field on the Account object

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Which three statements are true regarding the @isTest annotation? (Choose three.)

- A. A method annotated @isTest(SeeAllData=true) in a class annotated @isTest(SeeAllData=false) has access to all org data.

- B. A method annotated @isTest(SeeAllData=false) in a class annotated @isTest(SeeAllData=true) has access to all org data.
- C. A class containing test methods counts toward the Apex code limit regardless of any @isTest annotation.
- D. Products and Pricebooks are visible in a test even if a class is annotated @isTest(SeeAllData=false).
- E. Profiles are visible in a test even if a class is annotated @isTest(SeeAllData=false).

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

What is the data type returned by the following SOSL search?
[FIND 'Acme*' IN NAME FIELDS RETURNING Account, Opportunity];

- A. List<List<Account>, List<Opportunity>>
- B. Map<sObject, sObject>
- C. List<List<sObject>>
- D. Map<Id, sObject>

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

A company wants to create an employee rating program that allows employees to rate each other. An employee's average rating must be displayed on the employee record. Employees must be able to create rating records, but are not allowed to create employee records.
Which two actions should a developer take to accomplish this task? (Choose two.)

- A. Create a trigger on the Rating object that updates a fields on the Employee object.
- B. Create a lookup relationship between the Rating and Employee object.
- C. Create a roll-up summary field on the Employee and use AVG to calculate the average rating score.
- D. Create a master-detail relationship between the Rating and Employee objects.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

Which two SOSL searches will return records matching search criteria contained in any of the searchable text fields on an object? (Choose two.)

- A. [FIND 'Acme*' IN ANY FIELDS RETURNING Account, Opportunity];
- B. [FIND 'Acme*' RETURNING Account, Opportunity];
- C. [FIND 'Acme*' IN ALL FIELDS RETURNING Account, Opportunity];
- D. [FIND 'Acme*' IN TEXT FIELDS RETURNING Account, Opportunity];

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

For which example task should a developer use a trigger rather than a workflow rule?

- A. To set the Name field of an expense report record to Expense and the Date when it is saved
- B. To send an email to a hiring manager when a candidate accepts a job offer
- C. To notify an external system that a record has been modified
- D. To set the primary Contact on an Account record when it is saved

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

Which feature should a developer use to update an inventory count on related Product records when the status of an Order is modified to indicate it is fulfilled?

- A. Process Builder process
- B. Lightning component
- C. Visualforce page
- D. Workflow rule

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

A developer has JavaScript code that needs to be called by controller functions in multiple Aura components by extending a new abstract component. Which resource in the abstract Aura component bundle allows the developer to achieve this?

- A. helper.js
- B. controller.js
- C. superRender.js
- D. renderer.js

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

Which option should a developer use to create 500 Accounts and make sure that duplicates are not created for existing Account Sites?

- A. Sandbox template
- B. Data Loader
- C. Data Import Wizard
- D. Salesforce-to-Salesforce

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

Which two components are available to deploy using the Metadata API? (Choose two.)

- A. Lead Conversion Settings
- B. Web-to-Case
- C. Web-to-Lead
- D. Case Settings

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

Which three statements are true regarding cross-object formulas? (Choose three.)

- A. Cross-object formulas can reference fields from objects that are up to 10 relationships away.
- B. Cross-object formulas can reference fields from master-detail or lookup relationships.
- C. Cross-object formulas can reference child fields to perform an average.
- D. Cross-object formulas can expose data the user does not have access to in a record.
- E. Cross-object formulas can be referenced in roll-up summary fields.

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

Which two statements are true about Apex code executed in Anonymous Blocks? (Choose two.)

- A. The code runs with the permissions of the user specified in the runAs() statement.
- B. The code runs with the permissions of the logged in user.
- C. The code runs in system mode having access to all objects and fields.
- D. All DML operations are automatically rolled back.
- E. Successful DML operations are automatically committed.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

From which two locations can a developer determine the overall code coverage for a sandbox? (Choose two.)

- A. The Apex Test Execution page
- B. The Test Suite Run panel of the Developer Console
- C. The Apex classes setup page
- D. The Tests tab of the Developer Console

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

Which two practices should be used for processing records in a trigger? (Choose two.)

- A. Use a Map to reduce the number of SOQL calls.
- B. Use @future methods to handle DML operations.
- C. Use a Set to ensure unique values in a query filter.
- D. Use (callout=true) to update an external system.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

Which two statements are acceptable for a developer to use inside procedural loops? (Choose two.)

- A. delete contactList;
- B. contactList.remove(i);
- C. Contact con = new Contact();
- D. Account a = [SELECT Id, Name FROM Account WHERE Id = :con.AccountId LIMIT 1];

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

1 of 65. A developer must create a `DrawList` class that provides capabilities defined in the `Sortable` and `Drawable` interfaces.

```
public interface Sortable {  
    void sort();  
}
```

```
public interface Drawable {  
    void draw();  
}
```

Which is the correct implementation?

- A. public class DrawList extends Sortable, extends Drawable {
 public void sort() { /*implementation*/}
 public void draw() { /*implementation*/}
}
- B. public class DrawList implements Sortable, implements Drawable {
 public void sort() { /*implementation*/}
 public void draw() { /*implementation*/}
}
- C. public class DrawList implements Sortable, Drawable {
 public void sort() { /*implementation*/}
 public void draw() { /*implementation*/}
}
- D. public class DrawList extends Sortable, Drawable {
 public void sort() { /*implementation*/}
 public void draw() { /*implementation*/}
}

Salesforce Certified Platform Developer I

Time Remaining : 01:37:42

- 2 of 65.** On a brand new developer org, a developer writes a single trigger named AccountTrigger on the Account object to perform complex validations on the after insert and after update DML events. A Salesforce administrator creates a Process Builder to update a custom field within the same object every time an Account is created or updated.

How many times will the AccountTrigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?

- A. 6
- B. 2
- C. 1
- D. 4

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:37

3 of 65. A developer considers the following snippet of code:

```
Boolean isOK;  
integer x;  
String theString = 'Hello';  
  
if (isOk == false && theString == 'Hello') {  
    x = 1;  
} else if (isOk == true && theString == 'Hello') {  
    x = 2;  
} else if (isOk != null && theString == 'Hello') {  
    x = 3;  
} else {  
    x = 4;  
}
```

Based on this code, what is the value of x?

- A. 3
- B. 4

Salesforce Certified Platform Developer I

Time Remaining : 01:37:33

4 of 65. Which annotation exposes an Apex class as a RESTful web service?

- A. @AuraEnabled
- B. @HttpInvocable
- C. @RestResource
- D. @RemoteAction

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:28

- 5 of 65. A developer needs to implement a custom SOAP Web Service that is used by an external Web Application. The developer chooses to include helper methods that are not used by the Web Application in the implementation of the Web Service Class.

Which code segment shows the correct declaration of the class and methods?

- A. global class WebServiceClass {
 private Boolean helperMethod() { /* implementation ... */ }
 global String updateRecords() { /* implementation ... */ }
}
- B. webservice class WebServiceClass {
 private Boolean helperMethod() { /* implementation ... */ }
 webservice static String updateRecords() { /* implementation ... */ }
}
- C. webserice class WebServiceClass {
 private Boolean helperMethod() { /* implementation ... */ }
 global static String updateRecords() { /* implementation ... */ }
}
- D. global class WebServiceClass {
 private Boolean helperMethod() { /* implementation ... */ }
 webservice static String updateRecords() { /* implementation ... */ }
}

Salesforce Certified Platform Developer I

Time Remaining : 01:37:24

- 6 of 65.** A custom Visualforce controller calls the `ApexPages.addMessage()` method, but no messages are rendering on the page.

Which component should be added to the Visualforce page to display the message?

- A. `<apex:pageMessage severity="info" />`
- B. `<apex:pageMessages />`
- C. `<apex:message for="info"/>`
- D. `<apex:facet name="messages" />`

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:21

7 of 65. Universal Containers uses Service Cloud with a custom field, Stage__c, on the Case object.

Management wants to send a follow-up email reminder 6 hours after the Stage__c field is set to "Waiting on Customer". The Salesforce Administrator wants to ensure the solution used is bulk safe.

Which automation tool should a developer recommend to meet these business requirements?

- A. Record-Triggered Flow
- B. Einstein Next Best Action
- C. Entitlement Process
- D. Scheduled Flow

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:17

- 8 of 65.** A developer is asked to prevent anyone other than a user with Sales Manager profile from changing the Opportunity Status to Closed Lost if the lost reason is blank.

Which automation allows the developer to satisfy this requirement in the most efficient manner?

- A. An error condition formula on a validation rule on Opportunity
- B. An Apex trigger on the Opportunity object
- C. A record trigger flow on the Opportunity object
- D. An approval process on the Opportunity object

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:13

- 9 of 65.** What should a developer use to script the deployment and unit test execution as part of continuous integration?
- A. VS Code
 - B. Salesforce CLI
 - C. Execute Anonymous
 - D. Developer Console

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:09

10 of 65. When using SalesforceDX, what does a developer need to enable to create and manage scratch orgs?

- A. Production
- B. Dev Hub
- C. Environment Hub
- D. Sandbox

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:05

11 of 65. Given the following Apex statement:

```
Account myAccount = [SELECT Id, Name FROM Account];
```

What occurs when more than one Account is returned by the SOQL query?

- A. The first Account returned is assigned to myAccount.
- B. An unhandled exception is thrown and the code terminates.
- C. The variable, myAccount, is automatically cast to the List data type.
- D. The query fails and an error is written to the debug log.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:37:01

12 of 65. Which three steps allow a custom Scalable Vector Graphic (SVG) to be included in a Lightning web component?

Choose 3 answers

- A. Reference the property in the HTML template.
- B. Import the static resource and provide a JavaScript property for it.
- C. Import the SVG as a content asset file.
- D. Reference the import in the HTML template.
- E. Upload the SVG as a static resource.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:56

13 of 65. The following Apex method is part of the ContactService class that is called from a trigger:

```
public static void setBusinessUnitToEMEA(Contact thisContact) {
    thisContact.Business_Unit__c = 'EMEA';
    update thisContact;
}
```

How should the developer modify the code to ensure best practices are met?

- A. public static void setBusinessUnitToEMEA(Contact thisContact) {
 List<Contact> contacts = new List<Contact>();
 contacts.add(thisContact.Business_Unit__c = 'EMEA');
 update contacts;
}

- B. public static void setBusinessUnitToEMEA(List<Contact> contacts) {
 for(Contact thisContact : contacts){
 thisContact.Business_Unit__c = 'EMEA';
 update contacts[0];
 }
}

13 of 65. The following Apex method is part of the ContactService class that is called from a trigger:

```
public static void setBusinessUnitToEMEA(Contact thisContact) {
    thisContact.Business_Unit__c = 'EMEA';
    update thisContact;
}
```

How should the developer modify the code to ensure best practices are met?

- A. public static void setBusinessUnitToEMEA(Contact thisContact) {
 List<Contact> contacts = new List<Contact>();
 contacts.add(thisContact.Business_Unit__c = 'EMEA');
 update contacts;
}
- B. public static void setBusinessUnitToEMEA(List<Contact> contacts) {
 for(Contact thisContact : contacts){
 thisContact.Business_Unit__c = 'EMEA';
 update contacts[0];
 }
}
- C. public void setBusinessUnitToEMEA(List<Contact> contacts) {
 contacts[0].Business_Unit__c = 'EMEA';
 update contacts[0];
}
- D. public static void setBusinessUnitToEMEA(List<Contact> contacts) {
 for(Contact thisContact : contacts){
 thisContact.Business_Unit__c = 'EMEA';
 }
 update contacts;

Salesforce Certified Platform Developer I

Time Remaining : 01:36:48

14 of 65. Which three resources in an Aura Component can contain JavaScript functions?

Choose 3 answers

- A. Design
- B. Controller
- C. Helper
- D. Style
- E. Renderer

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:44

- 15 of 65. If Apex code executes inside the execute() method of an Apex class when implementing the Batchable interface which two statements are true regarding governor limits?

Choose 2 answers

- A. The Apex governor limits are reset for each iteration of the execute() method.
- B. The Apex governor limits cannot be exceeded due to the asynchronous nature of the transaction.
- C. The Apex governor limits might be higher due to the asynchronous nature of the transaction.
- D. The Apex governor limits are omitted while calling the constructor of the Apex class.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:40

- 16 of 65. Universal Containers hires a developer to build a custom search page to help users find the Accounts they want. Users will be able to search on Name, Description, and a custom comments field.

Which consideration should the developer be aware of when deciding between SOQL and SOSL?

Choose 2 answers

- A. SOQL is able to return more records.
- B. SOSL is able to return more records.
- C. SOQL is faster for text searches.
- D. SOSL is faster for text searches.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:36

17 of 65. A developer is integrating with a legacy on-premise SQL database.

What should the developer use to ensure the data being integrated is matched to the right records in Salesforce?

- A. External Object
- B. External ID field
- C. Formula field
- D. Lookup field

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:31

- 18 of 65.** A developer must implement a `CheckPaymentProcessor` class that provides check processing payment capabilities that adhere to what is defined for payments in the `PaymentProcessor` interface.

```
public interface PaymentProcessor {  
    void pay(Decimal amount);  
}
```

Which is the correct implementation to use the `PaymentProcessor` interface class?

- A. public class CheckPaymentProcessor extends PaymentProcessor {
 public void pay(Decimal amount) {
 // functional code here
 }
}
- B. public class CheckPaymentProcessor implements PaymentProcessor {
 public void pay(Decimal amount);
}
- C. public class CheckPaymentProcessor implements PaymentProcessor {
 public void pay(Decimal amount) {
 // functional code here
 }
}

Salesforce Certified Platform Developer I

Time Remaining : 01:36:26

19 of 65. What are two benefits of using declarative customizations over code?

Choose 2 answers

- A. Declarative customizations automatically update with each Salesforce release.
- B. Declarative customizations automatically generate test classes.
- C. Declarative customizations cannot generate run time errors.
- D. Declarative customizations generally require less maintenance.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:22

20 of 65. What are three considerations when using the `@InvocableMethod` annotation in Apex?

Choose 3 answers

- A. A method using the `@InvocableMethod` annotation must define a return value.
- B. Only one method using the `@InvocableMethod` annotation can be defined per Apex class.
- C. A method using the `@InvocableMethod` annotation can have multiple input parameters.
- D. A method using the `@InvocableMethod` annotation must be declared as static.
- E. A method using the `@InvocableMethod` annotation can be declared as Public or Global.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:16

21 of 65. Which process automation should be used to post a message to Chatter without using Apex code?

- A. Outbound Message
- B. Strategy Builder
- C. Flow Builder
- D. Entitlement Process

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:06

22 of 65. Cloud Kicks has a multi-screen flow that its call center agents use when handling inbound service desk calls.

At one of the steps in the flow, the agents should be presented with a list of order numbers and dates that are retrieved from an external order management system in real time and displayed on the screen.

What should a developer use to satisfy this requirement?

- A. An outbound message
- B. An invocable method
- C. An Apex controller
- D. An Apex REST class

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:36:02

23 of 65. A developer wants to import 500 Opportunity records into a sandbox.

Why should the developer choose to use Data Loader instead of Data Import Wizard?

- A. Data Loader runs from the developer's browser.
- B. Data Import Wizard does not support Opportunities.
- C. Data Import Wizard can not import all 500 records.
- D. Data Loader automatically relates Opportunities to Accounts.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:57

- 24 of 65.** A developer created a custom order management app that uses an Apex class. The order is represented by an Order object and an OrderItem object that has a master-detail relationship to Order. During order processing, an order may be split into multiple orders.

What should a developer do to allow their code to move some existing OrderItem records to a new Order record?

- A. Add without sharing to the Apex class declaration.
- B. Change the master-detail relationship to an external lookup relationship.
- C. Create a junction object between OrderItem and Order.
- D. Select the Allow reparenting option on the master-detail relationship.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:53

- 25 of 65. Managers at Universal Containers want to ensure that only decommissioned containers are able to be deleted in the system. To meet the business requirement a Salesforce developer adds "Decommissioned" as a picklist value for the Status__c custom field within the Container__c object.

Which tool should the developer use to enforce only Container records with a status of "Decommissioned" can be deleted?

- A. Apex trigger
- B. Validation rule
- C. After record-triggered flow
- D. Before record-triggered flow

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:48

26 of 65. Which exception type cannot be caught?

- A. LimitException
- B. NoAccessException
- C. A Custom Exception
- D. CalloutException

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:43

- 27 of 65.** Universal Containers is building a recruiting app with an Applicant object that stores information about an individual person and a Job object that represents a job. Each applicant may apply for more than one job.

What should a developer implement to represent that an applicant has applied for a job?

- A. Formula field on Applicant that references Job
- B. Master-detail field from Applicant to Job
- C. Lookup field from Applicant to Job
- D. Junction object between Applicant and Job

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:39

28 of 65. For which three items can a trace flag be configured?

Choose 3 answers

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

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:35

- 29 of 65.** An Apex method, `getAccounts`, that returns a List of Accounts given a searchTerm, is available for Lightning Web components to use.

What is the correct definition of a Lightning Web component property that uses the `getAccounts` method?

- A. `@wire(getAccounts, '$searchTerm')`
`accountList;`
- B. `@wire(getAccounts, { searchTerm: '$searchTerm' })`
`accountList;`
- C. `@AuraEnabled(getAccounts, { searchTerm: '$searchTerm' })`
`accountList;`
- D. `@AuraEnabled(getAccounts, '$searchTerm')`
`accountList;`

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I**Time Remaining : 01:35:31**

30 of 65. A developer created a child Lightning web component nested inside a parent Lightning web component. The parent component needs to pass a string value to the child component.

In which two ways can this be accomplished?

Choose 2 answers



- A. The parent component can use the Apex controller class to send data to the child component.
- B. The parent component can use a public property to pass the data to the child component.
- C. The parent component can use a custom event to pass the data to the child component.
- D. The parent component can invoke a method in the child component.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:26

- 31 of 65.** A developer must create an Apex class, ContactController, that a Lightning component can use to search for Contact records. Users of the Lightning component should only be able to search for Contact records to which they have access.

Which two will restrict the records correctly?

Choose 2 answers

- A. public class ContactController
- B. public inherited sharing class ContactController
- C. public without sharing class ContactController
- D. public with sharing class ContactController

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:23

- 32 of 65.** A developer is tasked to perform a security review of the ContactSearch Apex class that exists in the system. Within the class, the developer identifies the following method as a security threat:

```
List<Contact> performSearch(String lastName){  
    return Database.query('SELECT Id, FirstName, LastName FROM Contact WHERE LastName Like  
    %'+lastName+'%');  
}
```

What are two ways the developer can update the method to prevent a SOQL injection attack?
Choose 2 answers

- A. Use the escapeSingleQuotes method to sanitize the parameter before its use.
- B. Use the @ReadOnly annotation and the with sharing keyword on the class.
- C. Use a regular expression expression on the parameter to remove special characters.
- D. Use variable binding and replace the dynamic query with a static SOQL.

Mark this item for later review.

Provide question feedback here (optional):

Salesforce Certified Platform Developer I

Time Remaining : 01:35:20

- 33 of 65. A developer is creating a page that allows users to create multiple Opportunities. The developer is asked to verify the current user's default Opportunity record type, and set certain default values based on the record type before inserting the record.

How can the developer find the current user's default record type?

- A. Use the Schema.userInfo.Opportunity.getDefaultRecordType() method.
- B. Use Opportunity.SObjectType.getDescribe().getRecordTypeInfos() to get a list of record types, and iterate through them until isDefaultRecordTypeMapping() is true.
- C. Query the Profile where the ID equals userInfo.getProfileID() and then use the profile.Opportunity.getDefaultRecordType() method.
- D. Create the opportunity and check the opportunity.recordType, which will have the record ID of the current user's default record type, before inserting.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:16

34 of 65. A developer 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. The developer wants to ensure the Visualforce page matches the Lightning Experience user interface.

What attribute needs to be defined within the `<apex:page>` tag to meet the requirement?

- A. `wizard="true"`
- B. `setup="true"`
- C. `lightningStylesheets="true"`
- D. `applyHtmlTag="true"`

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:12

- 35 of 65. Assuming that name is a String obtained by an <apex:inputText> tag on a Visualforce page, which two SOQL queries performed are safe from SOQL injection?

Choose 2 answers

- A. String query = 'SELECT Id FROM Account WHERE Name LIKE \'%' + name.noQuotes() + '%\''; List<Account> results = Database.query(query);
- B. String query = 'SELECT Id FROM Account WHERE Name LIKE \'%' + name + '%\''; List<Account> results = Database.query(query);
- C. String query = 'SELECT Id FROM Account WHERE Name LIKE \'%' + String.escapeSingleQuotes(name) + '%\''; List<Account> results = Database.query(query);
- D. String query = '%' + name + '%'; List<Account> results = [SELECT Id FROM Account WHERE Name LIKE :query];

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:08

- 36 of 65.** A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations.

Which type of Salesforce orgs should they use for their development?

- A. Developer orgs
- B. Full Copy sandboxes
- C. Developer sandboxes
- D. Scratch orgs

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:35:03

- 37 of 65.** A developer needs to allow users to complete a form on an Account record that will create a record for a custom object. The form needs to display different fields depending on the user's job role. The functionality should only be available to a small group of users.

Which three things should the developer do to satisfy these requirements?

Choose 3 answers

- A. Create a Lightning web component.
- B. Create a dynamic form.
- C. Create a custom permission for the users.
- D. Add a dynamic action to the user's assigned page layouts.
- E. Add a dynamic action to the Account record page.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:34:59

38 of 65. A lead developer creates an Apex interface called "Laptop". Consider the following code snippet:

```
public class SilverLaptop{  
    //code implementation  
}
```

How can a developer use the Laptop interface within the SilverLaptop class?

- A. @Extends(class="Laptop")
public class SilverLaptop
- B. @Interface(class="Laptop")
public class SilverLaptop
- C. public class SilverLaptop implements Laptop
- D. public class SilverLaptop extends Laptop

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:34:55

39 of 65. Universal Containers decides to use purely declarative development to build out a new Salesforce application.

Which two options can be used to build out the business logic layer for this application?

Choose 2 answers

- A. Remote Actions
- B. Flow Builder
- C. Validation Rules
- D. Batch Jobs

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:34:50

40 of 65. Consider the following code snippet:

```
public static List<Lead> obtainAllFields(Set<Id> leadIds) {
    List<Lead> result = new List<Lead>();
    for(Id leadId : leadIds){
        result.add([SELECT FIELDS(ALL) FROM Lead WHERE Id = :leadId]);
    }
    return result;
}
```

Given the multi-tenant architecture of the Salesforce platform, what is a best practice a developer should implement and ensure successful execution of the method?

- A. Avoid executing queries without a limit clause.
- B. Avoid using variables as query filters.
- C. Avoid returning an empty List of records.
- D. Avoid performing queries inside for loops.

Salesforce Certified Platform Developer I

Time Remaining : 01:34:46

41 of 65. Which two are phases in the Aura application event propagation framework?

Choose 2 answers

- A. Emit
- B. Default
- C. Control
- D. Bubble

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Taken: 14 minutes of 105 minutes total

Result: Pass

Topic

Percentage Correct

Salesforce Fundamentals 75%

Data Modeling and Management 75%

Process Automation and Logic 91%

User Interface 92%

Testing, Debugging, and Deployment 90%

Congratulations! You have successfully completed the certification exam to become a Salesforce Certified Platform Developer I. Welcome to the Salesforce worldwide community of Certified Professionals!

Number of Items Answered: 65
Number of Items Unanswered: 0
Number of Items Marked for Review: 0

Answers

- | | | | |
|----------------|----------------|---------------|----------------|
| <u>1. C</u> | <u>2. B</u> | <u>3. B</u> | <u>4. C</u> |
| <u>5. D</u> | <u>6. B</u> | <u>7. D</u> | <u>8. A</u> |
| <u>9. B</u> | <u>10. B</u> | <u>11. B</u> | <u>12. ABE</u> |
| <u>13. D</u> | <u>14. CBE</u> | <u>15. AC</u> | <u>16. DA</u> |
| <u>17. B</u> | <u>18. C</u> | <u>19. AD</u> | <u>20. BDE</u> |
| <u>21. C</u> | <u>22. D</u> | <u>23. B</u> | <u>24. C</u> |
| <u>25. B</u> | <u>26. A</u> | <u>27. B</u> | <u>28. BCD</u> |
| <u>29. B</u> | <u>30. BC</u> | <u>31. DB</u> | <u>32. AD</u> |
| <u>33. B</u> | <u>34. C</u> | <u>35. DC</u> | <u>36. D</u> |
| <u>37. BCE</u> | <u>38. C</u> | <u>39. CB</u> | <u>40. D</u> |
| <u>41. DB</u> | <u>42. C</u> | <u>43. D</u> | <u>44. D</u> |
| <u>45. CD</u> | <u>46. A</u> | <u>47. D</u> | <u>48. C</u> |
| <u>49. C</u> | <u>50. BA</u> | <u>51. D</u> | <u>52. B</u> |
| <u>53. C</u> | <u>54. C</u> | <u>55. CB</u> | <u>56. C</u> |
| <u>57. B</u> | <u>58. C</u> | <u>59. B</u> | <u>60. B</u> |
| <u>61. D</u> | <u>62. C</u> | <u>63. D</u> | <u>64. D</u> |

Salesforce Certified Platform Developer I

Time Remaining : 01:31:07

- 65 of 65. An Opportunity needs to have an amount rolled up from a custom object that is not in a master-detail relationship.

How can this be achieved?

- A. Use the Streaming API to create real-time roll-up summaries.
- B. Write a trigger on the Opportunity object and use tree sorting to sum the amount for all related child objects under the Opportunity.
- C. Use the Metadata API to create real-time roll-up summaries.
- D. Write a trigger on the child object and use an aggregate function to sum the amount for all related child objects under the Opportunity.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:11

64 of 65. A developer has the following requirements:

- Calculate the total amount on an Order.
- Calculate the line amount for each Line Item based on quantity selected and price.
- Move Line Items to a different Order if a Line Item is not in stock.

Which relationship implementation supports these requirements on its own?

- A. Line Item has a re-parentable lookup field to Order.
- B. Order has a re-parentable master-detail field to Line Item.
- C. Order has a re-parentable lookup field to Line Item.
- D. Line Item has a re-parentable master-detail field to Order.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here.

Salesforce Certified Platform Developer I

Time Remaining : 01:31:15

- 63 of 65. A Salesforce Administrator used Flow Builder to create a flow named "accountOnboarding". The flow must be used inside an Aura component.

Which tag should a developer use to display the flow in the component?

- A. lightning-flow
- B. aura:flow
- C. aura-flow
- D. lightning:flow

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:24

- 61 of 65. A developer is tasked with performing a complex validation using Apex as part of advanced business logic. When certain criteria are met for a PurchaseOrder, the developer must throw a custom exception.

What is the correct way for the developer to declare a class that can be used as an exception?

- A. public class PurchaseOrder implements Exception()
- B. public class PurchaseOrderException implements Exception()
- C. public class PurchaseOrder extends Exception()
- D. public class PurchaseOrderException extends Exception()

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:20

- 62 of 65.** A developer is migrating a Visualforce page into a Lightning web component.

The Visualforce page shows information about a single record. The developer decides to use Lightning Data Service to access record data.

Which security consideration should the developer be aware of?

- A. The `with sharing` keyword must be used to enforce sharing rules.
- B. Lightning Data Service ignores field-level security.
- C. Lightning Data Service handles sharing rules and field-level security.
- D. The `isAccessible()` method must be used for field-level access checks.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:37

58 of 65. Which action may cause triggers to fire?

- A. Cascading delete operations
- B. Renaming or replacing a picklist entry
- C. Updates to Feed Items
- D. Changing a user's default division when the transfer division option is checked

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:45

- 56 of 65. An org tracks customer orders on an Order object and the line items of an Order on the Line Item object. The Line Item object has a master-detail relationship to the Order object.

A developer has a requirement to calculate the order amount on an Order and the line amount on each Line Item based on quantity and price.

What is the correct implementation?

- A. Implement the line amount as a currency field and the order amount as a SUM formula field.
- B. Write a process on the Line Item that calculates the item amount and order amount and updates the fields on the Line Item and the Order.
- C. Implement the line amount as a numeric formula field and the order amount as a roll-up summary field.
- D. Write a single before trigger on the Line Item that calculates the item amount and updates the order amount on the Order.

Mark this item for later review.

What is the result of the following code snippet?

```
public void doWork(Account acct){  
    for (Integer i = 0; i <= 200; i++){  
        insert acct;  
    }  
}
```

- A. 200 Accounts are inserted.
- B. 0 Accounts are inserted.
- C. 1 Account is inserted.
- D. 201 Accounts are inserted.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:32:11

- 51 of 65.** A Salesforce Administrator is creating a record-triggered flow. When certain criteria are met, the flow must call an Apex method to execute a complex validation involving several types of objects.

When creating the Apex method, which annotation should a developer use to ensure the method can be used within the flow?

- A. @future
- B. @AuraEnabled
- C. @RemoteAction
- D. @InvocableMethod

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:32:27

- 48 of 65.** Universal Containers (UC) uses a custom object called Vendor. The Vendor custom object has a master-detail relationship with the standard Account object.

Based on some internal discussions, the UC administrator tried to change the master-detail relationship to a lookup relationship, but was not able to do so.

What is a possible reason that this change was not permitted?

- A. Some of the Vendor records have null for the Account field.
- B. The organization wide default for the Vendor object is Public Read/Write.
- C. The Account object has a roll-up summary field on the Vendor object.
- D. The Account object does not allow changing a field type for a custom field.

Mark this item for later review.

Provide question feedback here (optional):

Salesforce Certified Platform Developer I

Time Remaining : 01:32:36

46 of 65. A developer wrote Apex code that calls out to an external system.

How should a developer write the test to provide test coverage?

- A. Write a class that implements `HTTPCalloutMock`.
- B. Write a class that extends `WebServiceMock`.
- C. Write a class that implements `WebServiceMock`.
- D. Write a class that extends `HTTPCalloutMock`.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:32:39

- 45 of 65.** A developer created these three Rollup Summary fields in the custom object, Project__c:

Total_Timesheets__c
Total_Approved_Timesheets__c
Total_Rejected_Timesheet__c

The developer is asked to create a new field that shows the ratio between rejected and approved timesheets for a given project.

What are two benefits of choosing a formula field instead of an Apex trigger to fulfill the request?

Choose 2 answers

- A. A formula field will trigger existing automation when deployed.
- B. Using a formula field reduces maintenance overhead.
- C. A formula field will calculate the value retroactively for existing records.
- D. A test class that validates the formula field is needed for deployment.

Mark this item for later review.

Salesforce Certified Platform Developer I

Time Remaining : 01:32:31

47 of 65. Considering the following code snippet:

```
public static void insertAccounts(List<Account> theseAccounts) {
    for(Account thisAccount : theseAccounts){
        if(thisAccount.website == null){
            thisAccount.website = 'https://www.demo.com';
        }
    }
    update theseAccounts;
}
```

When the code executes, a DML exception is thrown.

How should the developer modify the code to ensure exceptions are handled gracefully?

- A. Remove null items from the list of Accounts.
- B. Implement Change Data Capture.
- C. Implement the upsert DML statement.
- D. **Implement a try/catch block for the DML.**

Salesforce Certified Platform Developer I

Time Remaining : 01:32:49

43 of 65. A developer needs to have records with specific field values in order to test a new Apex class.

What should the developer do to ensure the data is available to the test?

- A. Use SOQL to query the org for the required data.
- B. Use Anonymous Apex to create the required data.
- C. Use Test.loadData() and reference a JSON file in Documents.
- D. Use Test.loadData() and reference a CSV file in a static resource.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:32:44

- 44 of 65.** Universal Hiring is using Salesforce to capture job applications. A salesforce administrator created two custom objects; Job__c acting as the master object, Job_Application__c acting as the detail.

Within the Job__c object, a custom multi-select picklist, Preferred_Locations__c, contains a list of approved states for the position. Each Job_Application__c record relates to a Contact within the system through a master-detail relationship.

Recruiters have requested the ability to view whether the Contact's Mailing State value matches a value selected on the Preferred_Locations__c field, within the Job_Application__c record. Recruiters would like this value to be kept in sync, if changes occur to the Contact's Mailing State or if the Job's Preferred_Locations__c field is updated.

What is the recommended tool a developer should use to meet the business requirement?

- A. Process Builder
- B. Apex trigger
- C. Record-triggered flow
- D. Formula field

Salesforce Certified Platform Developer I

Time Remaining : 01:32:54

42 of 65. Which action causes a before trigger to fire by default for Accounts?

- A. Renaming or replacing picklists
- B. Updating addresses using the Mass Address update tool
- C. Importing data using the Data Loader and the Bulk API
- D. Converting Leads to Contacts

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:32:19

49 of 65. Given the following Anonymous block:

```
List<Case> casesToUpdate = new List<Case>();
for(Case thisCase : [SELECT Id, Status FROM Case LIMIT 50000]){
    thisCase.Status = 'Working';
    casesToUpdate.add(thisCase);
}
try{
    Database.update(casesToUpdate, false);
} catch(Exception e){
    System.debug(e.getMessage());
}
```

What should a developer consider for an environment that has over 10,000 Case records?

- A. The try-catch block will handle any DML exceptions thrown.
- B. The try-catch block will handle exceptions thrown by governor limits.
- C. The transaction will fail due to exceeding the governor limit.
- D. The code is correct.

Salesforce Certified Platform Developer I

Time Remaining : 01:32:16

50 of 65. A developer completed modifications to a customized feature that is comprised of two elements:

- Apex trigger
- Trigger handler Apex class

What are two factors that the developer must take into account to properly deploy the modification to the production environment?

Choose 2 answers

- A. At least one line of code must be executed for the Apex trigger.
- B. Apex classes must have at least 75% code coverage org-wide.
- C. All methods in the test classes must use @isTest.
- D. Test methods must be declared with the testMethod keyword.

Mark this item for later review.

Provide question feedback here (optional):

Salesforce Certified Platform Developer I

Time Remaining : 01:32:06

52 of 65. What is the result of the following code snippet?

```
public void doWork(Account acct) {
    for (Integer i = 0; i <= 200; i++) {
        insert acct;
    }
}
```

- A. 200 Accounts are inserted.
- B. 0 Accounts are inserted.
- C. 1 Account is inserted.
- D. 201 Accounts are inserted.

Mark this item for later review.

Provide question feedback here (optional):

Please provide a feedback

Salesforce Certified Platform Developer I

Time Remaining : 01:31:58

53 of 65. Which scenario is valid for execution by unit tests?

- A. Generate a Visualforce PDF with `getContentAsPDF()`.
- B. Load data from a remote site with a callout.
- C. Set the created date of a record using a system method.
- D. Execute anonymous Apex as a different user.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Time Remaining : 01:31:52

54 of 65. A developer is debugging the following code to determine why Accounts are not being created.

```
List<Account> accts = getAccounts(); // getAccounts implemented elsewhere  
Database.insert(accts, false);
```

How should the code be altered to help debug the issue?

- A. Add a try-catch around the insert method.
- B. Change the DML statement to insert accts.
- C. Collect the insert method return value in a SaveResult variable.
- D. Set the second insert method parameter to true.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here..

Salesforce Certified Platform Developer I

Time Remaining : 01:31:49

55 of 65. Which two events need to happen when deploying to a production org?

Choose 2 answers

- A. All Visual flows must have at least 1% test coverage.
- B. All triggers must have some test coverage.
- C. All Apex code must have at least 75% test coverage.
- D. All Workflow rules must have at least 1% test coverage.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:41

- 57 of 65. A developer has a Visualforce page and custom controller to save Account records. The developer wants to display any validation rule violations to the user.

How can the developer make sure that validation rule violations are displayed?

- A. Perform the DML using the Database.upsert() method.
- B. Include <apex:messages> on the Visualforce page.
- C. Add custom controller attributes to display the message.
- D. Use a try/catch with a custom exception class.

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here..

Salesforce Certified Platform Developer I

Time Remaining : 01:31:32

59 of 65. While writing an Apex class, a developer wants to make sure that all functionality being developed is handled as specified by the requirements.

Which approach should the developer use to be sure that the Apex class is working according to specifications?

- A. Create a test class to execute the business logic and run the test in the Developer Console.
- B. Include a try/catch block to the Apex class.
- C. Run the code in an Execute Anonymous block in the Developer Console.
- D. Include a savepoint and Database.rollback().



Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:31:28

- 60 of 65. A developer must provide custom user interfaces when users edit a Contact in either Salesforce Classic or Lightning Experience.

What should the developer use to override the Contact's Edit button and provide this functionality?

- A. A Lightning page in Salesforce Classic and a Visualforce page in Lightning Experience
- B. A Visualforce page in Salesforce Classic and a Lightning component in Lightning Experience
- C. A Lightning component in Salesforce Classic and a Lightning component in Lightning Experience
- D. A Visualforce page in Salesforce Classic and a Lightning page in Lightning Experience

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here.

26 of 60. Which three code lines are required to create a Lightning component on a Visualforce page?

Choose 3 answers

- A. \$lightning.use
- B. <apex:includeLightning/>
- C. \$lightning.useComponent
- D. \$lightning.createComponent
- E. <apex:slds/>



Salesforce Certified Platform Developer I

Time Remaining : 01:20:51

56 of 65. What are three characteristics of change set deployments?

Choose 3 answers

- A. Sending a change set between two orgs requires a deployment connection.
- B. Change sets can only be used between related organizations.
- C. Change sets can be used to transfer records.
- D. Change sets can deploy custom settings data.
- E. Deployment is done in a one-way, single transaction.

Mark this item for later review.

1.

Salesforce Certified Platform Developer I

Time Remaining : 01:28:55

1 of 60. The Account object in an organization has a master detail relationship to a child object called Branch. The following automation rules can be created on the Account object:

- Rollup summary fields
- Custom validation rules
- Duplicate rules

A developer created a trigger on the Account object.

What two things should the developer consider while testing the trigger code?

Choose 2 answers

A. The validation rules will cause the trigger to fire again.
B. Duplicate rules are executed once all DML operations commit to the database.
C. Rollup summary fields can cause the parent record to go through Save.
D. The trigger may fire multiple times during a transaction.

Mark this item for later review.

Provide question feedback here (optional):

2.

Salesforce Certified Platform Developer I

Time Remaining : 01:28:37

2 of 60. What is an example of a polymorphic lookup field in Salesforce?

A. A custom field, Link__c, on the standard Contact object that looks up to an Account or a Campaign
B. The LeadId and ContactId fields on the standard Campaign Member object
C. The ParentId field on the standard Account object
D. The WhatId field on the standard Event object

Mark this item for later review.

3 of 60. A developer is asked to prevent anyone other than a user with Sales Manager profile from changing the Opportunity Status field. The lost reason is blank.

Which automation allows the developer to satisfy this requirement in the most efficient manner?

- A. An Apex trigger on the Opportunity object
- B. A record trigger flow on the Opportunity object
- C. An error condition formula on a validation rule on Opportunity
- D. An approval process on the Opportunity object

Mark this item for later review.

Provide question feedback here (optional):

Please Provide Feedback here...

4 of 60. Which three operations affect the number of times a trigger can fire?

Choose 3 answers

- A. Roll-Up Summary fields
- B. Email messages
- C. Criteria-based Sharing calculations
- D. Workflow Rules
- E. Lightning Flows

Mark this item for later review.

5 of 60. Refer to the following code snippet for an environment that has more than 200 Accounts belonging to the 'Technology' industry.

```
for(Account thisAccount : [Select Id, Industry FROM Account LIMIT 250]){
    if(thisAccount.Industry == 'Technology'){
        thisAccount.Is_Tech__c = true;
    }
    update thisAccount;
}
```

When the code executes, what happens as a result of the Apex transaction?

- A. The Apex transaction fails regardless of the context of execution by exceeding the DML governor limit.
- B. The Apex transaction fails with the following message: SObject row was retrieved via SOQL without query specified: Account.Is_Tech__c
- C. If executed in an asynchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.
- D. If executed in a synchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.

Mark this item for later review.

- 6 of 60.** A developer is implementing an Apex class for a financial system. Within the class, the variables 'creditAmount' and 'balance' must be able to change once a value is assigned.

In which two ways can the developer declare the variables to ensure their value can only be assigned one time?
Choose 2 answers

- A. Use the `final` keyword and assign its value when declaring the variable.
- B. Use the `static` keyword and assign its value in a static initializer.
- C. Use the `static` keyword and assign its value in the class constructor.
- D. Use the `final` keyword and assign its value in the class constructor.

Mark this item for later review.

- 7 of 60.** What can be developed using the Lightning Component framework?

- A. Dynamic web sites
- B. Single-page web apps
- C. Hosted web applications
- D. Salesforce integrations

Mark this item for later review.

8.

- 15 of 60.** A developer wants to mark each Account in a `List<Account>` as either Active or Inactive, based on the value in `lastModifiedDate` of each Account being greater than 90 days in the past.

Which Apex technique should the developer use?

- A. A `for` loop, with an `if-else` statement inside
- B. An `if-else` statement, with a `for` loop inside
- C. A `for` loop, with a `switch` statement inside
- D. A `switch` statement, with a `for` loop inside

9.

- 16 of 60.** Which code in a Visualforce page and/or controller might present a security vulnerability?

- A. `<apex:outputField escape="false" value="{:ctrl.userInput}" />`
- B. `<apex:outputText escape="false" value="{:!$CurrentPage.parameters.userInput}" />`
- C. `<apex:outputText value="{:!$CurrentPage.parameters.userInput}" />`
- D. `<apex:outputField value="{:ctrl.userInput}" />`

Mark this item for later review.

10.

- 18 of 60.** While working in a sandbox, an Apex test fails when run in the Test Framework. However, running the Apex test Anonymous window succeeds with no exceptions or errors.

Why did the method fail in the sandbox test framework but succeed in the Developer Console?

- A. The test method has a syntax error in the code.
- B. The test method does not use `System.runAs` to execute as a specific user.
- C. The test method is calling an `@future` method.
- D. The test method relies on existing data in the sandbox.

11.

- 20 of 60.** What are two best practices when it comes to Lightning Web Component events?

Choose 2 answers

- A. Use events configured with `bubbles: false` and `composed: false`.
- B. Use `event.target` to communicate data to elements that aren't in the same shadow tree.
- C. Use `event.detail` to communicate data to elements in the same shadow tree.
- D. Use `customEvent` to pass data from a child to a parent component.

Mark this item for later review.

12.

- 21 of 60.** A custom object `Trainer__c` has a lookup field to another custom object `Gym__c`.

Which SOQL query will get the record for the Viridian City Gym and all its trainers?

- A. `SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'`
- B. `SELECT Id, (SELECT Id FROM Trainer__c) FROM Gym__c WHERE Name = 'Viridian City Gym'`
- C. `SELECT ID FROM Trainer__c WHERE Gym__r.Name = 'Viridian City Gym'`
- D. `SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'`

13.

23 of 60. Consider the following code snippet:

```
public static List<Lead> obtainAllFields(Set<Id> leadIds) {
    List<Lead> result = new List<Lead>();
    for(Id leadId : leadIds) {
        result.add([SELECT FIELDS(ALL) FROM Lead WHERE Id = :leadId]);
    }
    return result;
}
```

Given the multi-tenant architecture of the Salesforce platform, what is a best practice a developer should implement in execution of the method?

- A. Avoid executing queries without a limit clause.
- B. Avoid returning an empty List of records.
- C. Avoid using variables as query filters.
- D. Avoid performing queries inside for loops.

14.

25 of 60. Considering the following code snippet:

```
public static void insertAccounts(List<Account> theseAccounts) {
    for(Account thisAccount : theseAccounts) {
        if(thisAccount.website == null){
            thisAccount.website = 'https://www.demo.com';
        }
    }
    update theseAccounts;
}
```

When the code executes, a DML exception is thrown.

How should the developer modify the code to ensure exceptions are handled gracefully?

- A. Implement Change Data Capture.
- B. Remove null items from the list of Accounts.
- C. Implement a try/catch block for the DML.
- D. Implement the upsert DML statement.

15.

- 27 of 60.** A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the governor limit.

```
public Without Sharing class OpportunityService{  
  
    public static List<OpportunityLineItem> getOpportunityProducts(Set<Id> opportunityIds){  
        List<OpportunityLineItem> oppLineItems = new List<OpportunityLineItem>();  
        for(Id thisOppId : opportunityIds){  
            oppLineItems.addAll([Select id FROM OpportunityLineItem WHERE OpportunityId = :thisOppId]);  
        }  
        return oppLineItems;  
    }  
}
```

The above method might be called during a trigger execution via a Lightning component.

Which technique should be implemented to avoid reaching the governor limit?

- A. Use the `System.Limits.getLimitQueries()` method to ensure the number of queries is less than 100.
- B. Use the `System.Limits.getQueryRows()` method to ensure the number of queries is less than 100.

16.

- 28 of 60.** What is the result of the following code?

```
Account a = new Account();  
Database.insert(a, false);
```

- A. The record will not be created and an exception will be thrown.
- B. The record will be created and a message will be in the debug log.
- C. The record will be created and no error will be reported.
- D. The record will not be created and no error will be reported.

Mark this item as correct

17.

30 of 60. Universal Containers has a support process that allows users to request support from its engineering team using a `Engineering_Support__c`.

Users should be able to associate multiple `Engineering_Support__c` records to a single Opportunity record. Additional information about the `Engineering_Support__c` records should be shown on the Opportunity record.

What should a developer implement to support these requirements?

- A. Lookup field from `Engineering_Support__c` to Opportunity
- B. Lookup field from Opportunity to `Engineering_Support__c`
- C. Master-detail field from `Engineering_Support__c` to Opportunity
- D. Master-detail field from Opportunity to `Engineering_Support__c`

18.

31 of 60. Which three statements are true regarding custom exceptions in Apex?

Choose 3 answers

- A. A custom exception class can implement one or many interfaces.
- B. A custom exception class must extend the system `Exception class`.
- C. A custom exception class name must end with "Exception".
- D. A custom exception class cannot contain member variables or methods.
- E. A custom exception class can extend other classes besides the `Exception class`.

Mark this item for later review.

19.

32 of 60. A developer needs to create a baseline set of data (Accounts, Contacts, Products, Assets) for an entire suite independent requirements for various types of Salesforce Cases.

Which approach can efficiently generate the required data for each unit test?

- A. Use `@TestSetup` with a void method.
- B. Create test data before `test.startTest()` in the unit test.
- C. Create a mock using the Stub API.
- D. Add `@IsTest(seeAllData=true)` at the start of the unit test class.

20.

33 of 60. Where are two locations a developer can look to find information about the status of batch or future methods?

Choose 2 answers

- A. Apex Flex Queue
- B. Paused Flow Interviews component
- C. Developer Console
- D. Apex Jobs

Mark this item for later review.

21.

34 of 60. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycle. Which two tools can they use to run a script that deploys to a sandbox?

Choose 2 answers

- A. Developer Console
- B. Ant Migration Tool
- C. Change Sets
- D. SFDX CLI

Mark this item for later review.

22.

37 of 60. When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" must be updated. Another custom object called `PostalCodeToTimezone__c`.

What is the optimal way to implement this feature?

- A. Build an account assignment rule.
- B. Create a formula field.
- C. Build a flow with Flow Builder.
- D. Create an account approval process.

Mark this item for later review.

23.

38 of 60. How should a developer write unit tests for a private method in an Apex class?

- A. Use the `TestVisible` annotation.
- B. Add a test method in the Apex class.
- C. Use the `SeeAllData` annotation.
- D. Mark the Apex class as global.

Mark this item for later review.

24.

40 of 60. A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

Which three statements are useful inside the unit test to effectively test the custom controller?

Choose 3 answers

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

25.

41 of 60. An org has two custom objects:

- Plan__c, that has a master-detail relationship to the Account object
- Plan_Item__c, that has a master-detail relationship to the Plan__c object

What should a developer use to create a Visualforce section on the Account page layout that displays all of the related Plan__c records and all of the Plan_Item__c records related to those Plan__c records.

- A. A standard controller with a controller extension
- B. A custom controller by itself
- C. A standard controller with a custom controller
- D. A controller extension with a custom controller

26.

42 of 60. In terms of the MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Component-based development over Visualforce?

Choose 2 answers

- A. Rich component ecosystem
- B. Log capturing via the Debug Logs Setup page
- C. Self-contained and reusable units of an application
- D. Built-in standard and custom set controllers

27

43 of 60. A developer is migrating a Visualforce page into a Lightning web component.

The Visualforce page shows information about a single record. The developer decides to use Lightning Data Service.

Which security consideration should the developer be aware of?

- A. The `isAccessible()` method must be used for field-level access checks.
- B. The `with sharing` keyword must be used to enforce sharing rules.
- C. Lightning Data Service ignores field-level security.
- D. Lightning Data Service handles sharing rules and field-level security.

28.

44 of 60. In the following example, which sharing context will `myMethod` execute when it is invoked?

```
public class myClass {  
    public void myMethod() { /* implementation */ }  
}
```

- A. Sharing rules will be enforced by the instantiating class.
- B. Sharing rules will be inherited from the calling context.
- C. Sharing rules will not be enforced for the running user.
- D. Sharing rules will be enforced for the running user.

29

45 of 60. What are two ways for a developer to execute tests in an org?

Choose 2 answers

- A. Developer Console
- B. Metadata API
- C. Bulk API
- D. Tooling API

30

46 of 60. Which process automation can be used to calculate the shipping cost for an Order when the Order is placed and add the shipping cost to some of the related Order Products?

- A. Entitlement Rules
- B. Approval Process
- C. Lightning Component
- D. Flow Builder

Mark this item for later review.

Provide question feedback

31.

47 of 60. A developer has identified a method in an Apex class that performs resource intensive actions in memory by iterating over all the rows in a SOQL statement on the account. The method also performs a DML statement to save the changes to the database.

Which two techniques should the developer implement as a best practice to ensure transaction control and avoid exceeding governor limits?

Choose 2 answers

- A. Use the Database.Savepoint method to enforce database integrity.
- B. Use the @readonly annotation to bypass the number of rows returned by a SOQL.
- C. Use the System.Limit class to monitor the current CPU governor limit consumption.
- D. Use partial DML statements to ensure only valid data is committed.

Mark this item for later review.

32

49 of 60. Universal Containers implemented a private sharing model for the Account object. A custom Account search tool was developed to help sales representatives find accounts that match multiple criteria they specify. Since its release, users of the tool report that they are unable to see accounts that they do not own.

What should the developer use to enforce sharing permissions for the currently logged-in user while using the custom search tool?

- A. Use the schema describe calls to determine if the logged-in user has access to the Account object.
- B. Use the without sharing keyword on the class declaration.
- C. Use the UserInfo Apex class to filter all SOQL queries to return records owned by the logged-in user.
- D. Use the with sharing keyword on the class declaration.

33

50 of 60. What are three capabilities of the <ltng:require> tag when loading JavaScript resources in Aura components? Choose 3 answers

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

34

52 of 60. Universal Containers (UC) wants to lower its shipping cost while making the shipping process more efficient. The UC to implement global addresses to allow multiple Accounts to share a default pickup address. The developer is supporting object and relationship for this business requirement and uses the Setup Menu to create a custom ob

Which field should the developer add to create the most efficient model that supports the business need?

- A. Add a lookup field on the Global Address object to the Account object.
- B. Add a master-detail field on the Global Address object to the Account object.
- C. Add a master-detail field on the Account object to the Global Address object.
- D. Add a lookup field on the Account object to the Global Address object.

35

53 of 60. Flow Builder uses an Apex Action to provide additional information about multiple Contacts, stored in a custom cl

Which is the correct definition of the Apex method that gets the additional information?

- A. @InvocableMethod(label='Additional Info')
public static List<ContactInfo> getInfo(List<Id> contactIds)
(/*implementation*/)
- B. @InvocableMethod(label='Additional Info')
public static ContactInfo getInfo(Id contactId)
(/*implementation*/)
- C. @InvocableMethod(label='Additional Info')
public List<ContactInfo> getInfo(List<Id> contactIds)
(/*implementation*/)
- D. @InvocableMethod(label='Additional Info')
public ContactInfo getInfo(Id contactId)

36

- 55 of 60.** Cloud Kicks Fitness, an ISV Salesforce partner, is developing a managed package application. One of the applications calculate body fat using the Apex class, BodyFat, and its method, calculateBodyFat(). The product owner wants the consumer of the application when developing customizations outside the ISV's package name. Which approach should a developer take to ensure calculateBodyFat() is accessible outside the package name?
- A. Declare the class as public and use the global access modifier on the method.
 - B. Declare the class as global and use the public access modifier on the method.
 - C. Declare the class and method using the global access modifier.
 - D. Declare the class and method using the public access modifier.

37

- 56 of 60.** A developer needs to prevent the creation of Request__c records when certain conditions exist in the system that checks the conditions.
- What is the correct implementation?
- A. trigger RequestTrigger on Request__c (after insert) {
 if (RequestLogic.IsValid(Request__c))
 RequestaddError('Your request cannot be created at this time.');
 - B. trigger RequestTrigger on Request__c (before insert) {
 if (RequestLogic.IsValid(Request__c))
 RequestaddError('Your request cannot be created at this time.');
 - C. trigger RequestTrigger on Request__c (before insert)
 RequestLogic.validateRecordIf trigger.new;
 - D. trigger RequestTrigger on Request__c (after insert)
 RequestLogic.validateRecordIf trigger.new;

38

- 57 of 60.** Which two sfdx commands can be used to add testing data to a Developer sandbox?
- Choose 2 answers
- A. force:data:tree:import
 - B. force:data:bulk:upsert
 - C. force:data:object:create
 - D. force:data:async:upsert

58 of 60. Which two settings must be defined in order to update a record of a junction object?

Choose 2 answers

- A. Read/Write access on the secondary relationship
- B. Read/Write access on the junction object
- C. Read/Write access on the primary relationship
- D. Read access on the primary relationship

Mark this question as favorite

1 of 65. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.

Which two tools can they use to run a script that deploys to a sandbox?

Choose 2 answers

- A. Developer Console
- B. Ant Migration Tool
- C. SFDX CLI
- D. Change Sets

2 of 65. Universal Containers has a support process that allows users to request support from its engineering team using custom object, Engineering_Support__c.

Users should be able to associate multiple Engineering_Support__c records to a single Opportunity record. Additionally, aggregate information about the Engineering_Support__c records should be shown on the Opportunity record.

What should a developer implement to support these requirements?

- A. Lookup field from Engineering_Support__c to Opportunity
- B. Master-detail field from Engineering_Support__c to Opportunity
- C. Lookup field from Opportunity to Engineering_Support__c
- D. Master-detail field from Opportunity to Engineering_Support__c

42.

3 of 65. What is a benefit of developing applications in a multi-tenant environment?

- A. Default out-of-the-box configuration
- B. Enforced best practices for development
- C. Access to predefined computing resources
- D. Unlimited processing power and memory

43.

4 of 65. A developer has an Apex controller for a Visualforce page that takes an ID as a URL parameter.

How should the developer prevent a cross site scripting vulnerability?

- A. `ApexPages.currentPage().getParameters().get('url_param')`
- B. `String.valueOf(ApexPages.currentPage().getParameters().get('url_param'))`
- C. `String.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))`
- D. `ApexPages.currentPage().getParameters().get('url_param').escapeHtml4()`

Mark this item for later review.

45.

65. A developer must create a CreditCardPayment class that provides an implementation of an existing class.

```
public virtual class Payment {  
    public virtual void makePayment(Decimal amount) { /*implementation*/ }  
}
```

Which is the correct implementation?

- A. public class CreditCardPayment extends Payment {
 public virtual void makePayment(Decimal amount) { /*implementation*/ }
}
- B. public class CreditCardPayment implements Payment {
 public override void makePayment(Decimal amount) { /*implementation*/ }
}
- C. public class CreditCardPayment extends Payment {
 public override void makePayment(Decimal amount) { /*implementation*/ }
}
- D. public class CreditCardPayment implements Payment {
 public virtual void makePayment(Decimal amount) { /*implementation*/ }
}

46. B is correct answer

5. The Salesforce Administrator created a custom picklist field Account_Status__c, on the Account object. This picklist has possible values of "Inactive" and "Active". As part of a new business process, management wants to ensure an opportunity record is created only for Accounts marked as Active. A developer is asked to implement this business requirement.

Which automation tool should be used to fulfill the business need?

- A. Outbound Messaging
- B. Approval Process**
- C. Entitlement Process
- D. Salesforce Flow

B is correct Answer

47.

7 of 65. Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records.

Which Visualforce feature supports this requirement?

- A. recordSetVar page attribute
- B. controller extension
- C. custom controller
- D. <apex:listButton> tag

48.

of 65. Flow Builder uses an Apex Action to provide additional information about multiple Contact objects. Which Apex method definition is correct?

- Which is the correct definition of the Apex method that gets the additional information?
- A. @InvocableMethod(label='Additional Info')
public static ContactInfo getInfo(Id contactId)
{ /*implementation*/ }
 - B. @InvocableMethod(label='Additional Info')
public ContactInfo getInfo(Id contactId)
{ /*implementation*/ }
 - C. @InvocableMethod(label='Additional Info')
public static List<ContactInfo> getInfo(List<Id> contactIds)
{ /*implementation*/ }
 - D. @InvocableMethod(label='Additional Info')

49.

9 of 65. A developer wants to get access to the standard price book in the org while writing a test class that calls the OpportunityLineItem trigger.

Which method allows access to the price book?

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

50. (Question 13) AD is correct Answer

13 of 65. A third-party vendor created an unmanaged Lightning web component. The Salesforce Admin needs to expose the component only on Record Page Layouts.

Which two actions should the developer take to accomplish this business objective?

Choose 2 answers

- A. Ensure `isExposed` is set to true on the XML file.
- B. Specify `lightningCommunity__Page_Layout` as a target in the XML file.
- C. Specify `lightningCommunity__Page` as a target in the XML file.
- D. Specify `lightning__RecordPage` as a target in the XML file.

AD is correct Answer

Mark this item for later review.

51.

1 of 65. A developer needs to prevent the creation of `Request__c` records when certain conditions exist in the `RequestLogic` class exists that checks the conditions.

What is the correct implementation?

- A. trigger `RequestTrigger` on `Request__c` (before insert) {
 if (`RequestLogic.isValid(Request__c)`)
 `Request.addError('Your request cannot be created at this time.');`
}
- B. trigger `RequestTrigger` on `Request__c` (after insert) {
 `RequestLogic.validateRecords(trigger.new);`
}
- C. trigger `RequestTrigger` on `Request__c` (after insert) {
 if (`RequestLogic.isValid(Request__c)`)
 `Request.addError('Your request cannot be created at this time.');`
}
- D. trigger `RequestTrigger` on `Request__c` (before insert) {
 `RequestLogic.validateRecords(trigger.new);`
}

52.

15 of 65. A developer wants to mark each Account in a `List<Account>` as either Active or Inactive, based on the `LastModifiedDate` field of each Account being greater than 90 days in the past.

Which Apex technique should the developer use?

- A. A for loop, with a switch statement inside
- B. An if-else statement, with a for loop inside
- C. A for loop, with an if-else statement inside
- D. A switch statement, with a for loop inside

53

6 of 65. How should a developer write unit tests for a private method in an Apex class?

- A. Add a test method in the Apex class.
- B. Mark the Apex class as global.
- C. Use the `TestVisible` annotation.
- D. Use the `SeeAllData` annotation.

54

17 of 65. In terms of the MVC paradigm, what are two advantages of implementing the view layer of a SaaS application using Lightning Web Component-based development over Visualforce?

Choose 2 answers

- A. Built-in standard and custom set controllers
- B. Log capturing via the Debug Logs Setup page
- C. Self-contained and reusable units of an application
- D. Rich component ecosystem

55

18 of 65. When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" is updated based on the values in another custom object called `PostalCodeToTimezone__c`.

What is the optimal way to implement this feature?

- A. Create an account approval process.
- B. Build a flow with Flow Builder.
- C. Create a formula field.
- D. Build an account assignment rule.

56

19 of 65. How many Accounts will be inserted by the following block of code?

```
for(Integer i = 0 ; i < 500; i++){
    Account a = new Account(Name='New Account ' + i);
    insert a;
}
```

- A. 0
- B. 500
- C. 100
- D. 150

57

22 of 65. What are two characteristics related to formulas?

Choose 2 answers

- A. Formulas are calculated at runtime and are not stored in the database.
- B. Formulas can reference themselves.
- C. Fields that are used in a formula field can be deleted or edited without editing the formula.
- D. Formulas can reference values in related objects.

58

The StatusFetcher class successfully compiled and saved. However, the Calculator class has a compile time error.

How should the developer fix this code?

- A. Make the doCalculations method in the Calculator class private.
- B. Change the class declaration for the Calculator class to public with inherited sharing.
- C. Change the class declaration for the StatusFetcher class to public with inherited sharing.
- D. Make the isActive method in the StatusFetcher class public.

59.

24 of 65. A developer has a single custom controller class that works with a Visualforce Wizard to support editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce parameter on the initial URL.

Which three statements are useful inside the unit test to effectively test the custom controller?
Choose 3 answers

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

60.

25 of 65. What does the Lightning Component framework provide to developers?

- A. Templates to create custom components
- B. Prebuilt components that can be reused
- C. Support for Classic and Lightning UIs
- D. Extended governor limits for applications

61.

26 of 65. When importing and exporting data into Salesforce, which two statements are true?

Choose 2 answers

- A. Developer and Developer Pro sandboxes have different storage limits.
- B. Bulk API can be used to bypass the storage limits when importing large data volumes in development environments.
- C. Data import wizard is an application that is installed on your computer.
- D. Bulk API can be used to import large data volumes in development environments without the storage limits.

62.

29 of 65. A credit card company needs to implement the functionality for a service agent to process damaged credit cards. When the customers call in, the service agent must gather many pieces of information. Is tasked to implement this functionality.

What should the developer use to satisfy this requirement in the most efficient manner?

- A. Flow Builder
- B. Lightning Component
- C. Approval Process
- D. Apex Trigger

63.

31 of 65. The OrderHelper class is a utility class that contains business logic for processing orders. Consider the code snippet:

```
public class without sharing OrderHelper{  
    //code implementation  
}
```

A developer needs to create a constant named DELIVERY_MULTIPLIER with a value of 4.15. The value of constant should not change at any time in the code.

How should the developer declare the DELIVERY_MULTIPLIER constant to meet the business objectives?

- A. static decimal DELIVERY_MULTIPLIER = 4.15;
- B. static final decimal DELIVERY_MULTIPLIER = 4.15;
- C. decimal DELIVERY_MULTIPLIER = 4.15;
- D. constant decimal DELIVERY_MULTIPLIER = 4.15;

64

34 of 65. A developer created a weather app that contains multiple Lightning web components.

One of the components, called Toggle, has a toggle for Fahrenheit or Celsius units. Another component, Temperature, displays the current temperature in the unit selected in the Toggle component.

When a user toggles from Fahrenheit to Celsius or vice versa in the Toggle component, the info sent to the Temperature component so the temperature can be converted and displayed.

What is the recommended way to accomplish this?

- A. The Toggle component should call a method in the Temperature component.
- B. Create a custom event to handle the communication between components.
- C. Use an application event to communicate between the components.
- D. Use Lightning Message Service to communicate between the components.

65

35 of 65. Which code displays the contents of a Visualforce page as a PDF?

- A. <apex:page contentType="pdf">
- B. <apex:page renderAs="pdf">
- C. <apex:page contentType="application/pdf">
- D. <apex:page renderAs="application/pdf">

66.

of 65. An org has an existing flow that creates an Opportunity with an Update Records element. A developer must update the flow to also create a Contact and store the created Contact's ID on the Opportunity.

Which update must the developer make in the flow?

- A. Add a new Create Records element.
- B. Add a new Get Records element.
- C. Add a new Update Records element.
- D. Add a new Roll Back Records element.

67.

37 of 65. Which three data types can a SOQL query return?

Choose 3 answers

- A. Integer
- B. List
- C. Double
- D. sObject
- E. Long

68.

38 of 65. Which two process automations can be used on their own to send Salesforce Outbound Message?

- Choose 2 answers
- A. Process Builder
 - B. Workflow Rule
 - C. Flow Builder
 - D. Strategy Builder

69. (Question 39)- Answer is B (A is incorrect answer it seems)

39 of 65. A developer migrated functionality from JavaScript Remoting to a Lightning web component and was using the existing `getOpportunities()` method to provide data.

Which modification to the method is necessary? **A is correct**

- A. The method must be decorated with `(cacheable=true)`.
- B. The method must be decorated with `@AuraEnabled`.
- C. The method must return a JSON Object.
- D. The method must return a String of a serialized JSON Array.

70.

40 of 65. What is the value of the `trigger.old` context variable in a `before insert` trigger?

- A. null
- B. A list of newly created sObjects without IDs
- C. An empty list of sObjects
- D. Undefined

71

41 of 65. What is an example of a polymorphic lookup field in Salesforce?

- A. The `WhatId` field on the standard Event object
- B. A custom field, `Link__c`, on the standard Contact object that looks up to an Account or
- C. The `LeadId` and `ContactId` fields on the standard Campaign Member object
- D. The `ParentId` field on the standard Account object

Mark this item for later review.

72 (question -43)– A is correct answer

43 of 65. An Approval Process is defined in the Expense_Item__c object. A business rule dictates that whenever a user changes the Status to 'Submitted' on an Expense_Report__c record, all the Expense_Item__c records relate to the expense report must enter the approval process individually.

A developer is asked to explore if this automation can be implemented without writing any Apex code.

Which statement is true regarding this automation request?

A. This can only be automated with Apex code. **A is correct**
B. This approval step cannot be automated and must be done manually.
C. The developer can use Einstein Next Best Actions.
D. The developer can use a record triggered flow with Actions.

73.

44 of 65. A developer creates a custom exception as shown below:

```
public class ParityException extends Exception {}
```

What are two ways the developer can fire the exception in Apex?

Choose 2 answers

A. new ParityException('parity does not match');
B. throw new ParityException('parity does not match');
C. throw new ParityException();
D. new ParityException();

74

47 of 65. Which statement describes the execution order when triggers are associated to the same object and

A. Triggers are executed in the order they are created.
B. Triggers are executed alphabetically by trigger name.
C. Triggers are executed in the order they are modified.
D. Trigger execution order cannot be guaranteed.

Mark this item as correct

- 49 of 65.** A recursive transaction is initiated by a DML statement creating records for these two objects:
- Accounts
 - Contacts

Within the transaction, the Account trigger hits a stack depth of 16.

Which statement is true regarding the outcome of the transaction?

- A. The transaction fails only if the Contact trigger stack depth is greater or equal to 16.
- B. The Account records are rolled back and the Contact records are committed.
- C. The transaction fails and all the changes are rolled back.
- D. The transaction succeeds and all changes are committed to the database.

Mark this question

- 50 of 65.** A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. The field update the workflow rule is configured to not re-evaluate workflow rules.

What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

- A. 2
- B. 1
- C. 3
- D. 4

- 52 of 65.** A large corporation stores Orders and Line Items in Salesforce for different lines of business. Users are allowed to see Orders across the entire organization, but, for security purposes, should only be able to see the Line Items in their line of business.

Which type of relationship should be used between Line Items and Orders?

- A. Master-Detail
- B. Lookup
- C. Direct Lookup
- D. Indirect Lookup

78

56 of 65. The Job_Application__c custom object has a field that is a master-detail relationship to the Contact object, where the Contact object is the master.

As part of a feature implementation, a developer needs to retrieve a list containing all Contact records where the related Account Industry is 'Technology', while also retrieving the Contact's Job_Application__c records.

Based on the object's relationships, what is the most efficient statement to retrieve the list of Contacts?

- A. [SELECT Id, (SELECT Id FROM Job_Application__c) FROM Contact WHERE Account.Industry = 'Technology');
- B. [SELECT Id, (SELECT Id FROM Job_Applications__r) FROM Contact WHERE Accounts.Industry = 'Technology');
- C. [SELECT Id, (SELECT Id FROM Job_Applications__c) FROM Contact WHERE Accounts.Industry = 'Technology');
- D. [SELECT Id, (SELECT Id FROM Job_Applications__r) FROM Contact WHERE Account.Industry = 'Technology');

79

57 of 65. A PrimaryId__c custom field exists on the Candidate__c custom object. The field is used to store each candidate's id number and is marked as Unique in the schema definition.

As part of a data enrichment process, Universal Containers has a CSV file that contains updated data for all candidates in the system. The file contains each Candidate's primary id as a data point. Universal Containers wants to upload this information into Salesforce, while ensuring all data rows are correctly mapped to a candidate in the system.

Which technique should the developer implement to streamline the data upload?

- A. Create a before insert trigger to correctly map the records.
- B. Upload the CSV into a custom object related to Candidate__c.
- C. Update the PrimaryId__c field definition to mark it as an External Id.
- D. Create a before save flow to correctly map the records.

80

60 of 65. Which two statements are true about getter and setter methods as they relate to Visualforce?

Choose 2 answers

- A. A corresponding setter method is required for each getter method.
- B. Getter methods pass values from a controller to a page.
- C. Setter methods always have to be declared global.
- D. Getter methods must be named `getVariable` and setter methods must be named `setVari`

61 of 65. A team of many developers work in their own individual orgs that have the same configuration.

Which type of org is best suited for this scenario?

- A. Partner Developer Edition
- B. Developer Edition
- C. Developer Sandbox
- D. Full Sandbox

82 (Question 62)- Answer AD is correct

52 of 65. A business has a proprietary Order Management System (OMS) that creates orders from their website and fulfills the orders. When the order is created in the OMS, an integration also creates an order record in Salesforce and relates it to the contact as identified by the email on the order. As the order goes through different stages in the OMS, the integration also updates it in Salesforce.

It is noticed that each update from the OMS creates a new order record in Salesforce.

Which two actions will prevent the duplicate order records from being created in Salesforce?
Choose 2 answers

- A. Ensure that the order number in the OMS is unique.
- B. Use the order number from the OMS as an external ID.
- C. Use the email on the contact record as an external ID.
- D. Write a before trigger on the order object to delete any duplicates

AD is correct Answer

63 of 65. A developer created a new after insert trigger on the Lead object that creates Task records for each lead.

After deploying to production, an existing outside integration that inserts Lead records in batches to Salesforce occasionally reporting total batch failures being caused by the Task insert statement. This causes the process in the outside system to stop, requiring a manual restart.

Which change should the developer make to allow the integration to continue when some records in a batch fail due to the Task insert statement, so that manual restarts are not needed?

- A. Deactivate the trigger before the integration runs.
- B. Use a try-catch block after the insert statement.
- C. Use the Database method with allOrNone set to false.
- D. Remove the Apex class from the integration user's profile.

64 of 65. A developer is creating an app that contains multiple Lightning web components.

One of the child components is used for navigation purposes. When a user clicks a button called component, the parent component must be alerted so it can navigate to the next page.

How should this be accomplished?

- A. Fire a notification.
- B. Update a property on the parent.
- C. Call a method in the Apex controller.
- D. Create a custom event.

85 (Question – 65) CD is the correct answer

65 of 65. Universal Containers has created a unique process for tracking container repairs. A custom field, Status__c, has been created within the Container__c custom object. A developer is tasked with sending notifications to multiple external systems every time the value of the Status__c picklist changes.

Which two tools should the developer use to meet the business requirement and ensure low maintenance of the solution?

Choose 2 answers

- A. Record-Triggered flow
- B. Apex trigger
- C. Apex callouts
- D. Platform event

CD is correct answer

~~AD is correct Answer~~

4 of 60. AW Computing tracks order information in custom objects called Order__c and Order_Line__c . Currently, all shipping information is stored in the Order__c object.

The company wants to expand its order application to support split shipments so that any number of Order_Line__c records on a single Order__c can be shipped to different locations.

What should a developer add to fulfill this requirement?

- A. Order_Shipment_Group__c object and master-detail fields to Order__c and Order_Line__c
- B. Order_Shipment_Group__c object and master-detail field on Order_Line__c
- C. Order_Shipment_Group__c object and master-detail field on Order__c
- D. Order_Shipment_Group__c object and master-detail field on Order_Shipment_Group__c

87

5 of 60. A developer created a new `after insert` trigger on the Lead object that creates Task records for each Lead.

After deploying to production, an existing outside integration that inserts Lead records in batches to Salesforce is occasionally reporting total batch failures being caused by the Task insert statement. This causes the integration process in the outside system to stop, requiring a manual restart.

Which change should the developer make to allow the integration to continue when some records in a batch cause failures due to the Task insert statement, so that manual restarts are not needed?

- A. Deactivate the trigger before the integration runs.
- B. Use the Database method with `allOrNone` set to false.
- C. Use a try-catch block after the `insert` statement.
- D. Remove the Apex class from the integration user's profile.

88

18 of 60. A developer created this Apex trigger that calls `MyClass.myStaticMethod`:

```
trigger myTrigger on Contact(before insert)
{
    MyClass.myStaticMethod(trigger.new);
}
```

The developer creates a test class with a test method that calls `MyClass.myStaticMethod` directly, resulting in 81% overall code coverage.

What happens when the developer tries to deploy the trigger and two classes to production, assuming no other code exists?

- A. The deployment fails because no assertions were made in the test method.
- B. The deployment fails because the Apex trigger has no code coverage.
- C. The deployment passes because the Apex code has the required >75% code coverage.
- D. The deployment passes because both classes and the trigger were included in the deployment.

89

21 of 60. A developer writes a trigger on the Account object on the `before update` event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. The `field update` in the workflow rule is configured to not re-evaluate workflow rules.

What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

- A. 1
- B. 4
- C. 2
- D. 3

90

- 29 of 60.** The values 'High', 'Medium', and 'Low' are identified as common values for multiple picklists across different objects.

What is an approach a developer can take to streamline maintenance of the picklists and their values, while also restricting the values to the ones mentioned above?

- A. Create the Picklist on each object and use a Global Picklist Value Set containing the values.
- B. Create the Picklist on each object and add a validation rule to ensure data integrity.
- C. Create the Picklist on each object as a required field and select "Display values alphabetically, not In the order entered".
- D. Create the Picklist on each object and select "Restrict picklist to the values defined in the value set".

91

- 32 of 60.** A developer has a requirement to write Apex code to update a large number of account records on a nightly basis. The system administrator needs to be able to schedule the class to run after business hours on an as-needed basis.

Which class definition should be used to successfully implement this requirement?

- A. global inherited sharing class ProcessAccountProcessor implements Database.Batchable<sObject>, Schedulable
- B. global inherited sharing class ProcessAccountProcessor implements Schedulable
- C. global inherited sharing class ProcessAccountProcessor implements Queueable
- D. global inherited sharing class ProcessAccountProcessor implements Database.Batchable<sObject>

92

- 34 of 60.** A Lightning component has a wired property, searchResults, that stores a list of Opportunities.

Which definition of the Apex method, to which the searchResults property is wired, should be used?

- A. @AuraEnabled(cacheable=true)
public List<Opportunity> search(String term) { /*implementation*/ }
- B. @AuraEnabled(cacheable=true)
public static List<Opportunity> search(String term) { /*implementation*/ }
- C. @AuraEnabled(cacheable=false)
public List<Opportunity> search(String term) { /*implementation*/ }
- D. @AuraEnabled(cacheable=false)
public static List<Opportunity> search(String term) { /*implementation*/ }

93

- 41 of 60.** A developer creates a new Apex trigger with a helper class, and writes a test class that only exercises 95% coverage of the new Apex helper class.

Change Set deployment to production fails with the test coverage warning:

"Test coverage of selected Apex Trigger is 0%, at least 1% test coverage is required."

What should the developer do to successfully deploy the new Apex trigger and helper class?

- A. Increase the test class coverage on the helper class.
- B. Remove the failing test methods from the test class.
- C. Create a test class and methods to cover the Apex trigger.
- D. Run the tests using the 'Run All Tests' method.

94

- 49 of 60.** Which two are best practices when it comes to Aura component and application event handling?

Choose 2 answers

- A. Reuse the event logic in a component bundle, by putting the logic in the helper.
- B. Use component events to communicate actions that should be handled at the application level.
- C. Handle low-level events in the event handler and re-fire them as higher-level events.
- D. Try to use application events as opposed to component events.

95

- 56 of 60.** What does the Lightning Component framework provide to developers?

- A. Prebuilt components that can be reused
- B. Extended governor limits for applications
- C. Templates to create custom components
- D. Support for Classic and Lightning UIs

96

- 57 of 60.** Which Apex class contains methods to return the amount of resources that have been used for a particular governor, such as the number of DML statements?

- A. OrgLimits
- B. Messaging
- C. Limits
- D. Exception

Salesforce Certified Platform Developer I

Time Remaining : 01:12:42

1 of 60. What should be used to create scratch orgs?

A. Salesforce CLI
B. Developer Console
C. Sandbox refresh
D. Workbench

Mark this item for later review.

Provide question feedback here (optional):
Please Provide Feedback here...

Salesforce Certified Platform Developer I

Time Remaining : 01:12:28

4 of 60. Which aspect of Apex programming is limited due to multitenancy?

A. The number of active Apex classes
B. The number of methods in an Apex class
C. The number of records returned from database queries
D. The number of records processed in a loop

Mark this item for later review.

Provide question feedback here (optional):

Salesforce Certified Platform Developer I

Time Remaining : 01:12:23

5 of 60. How does the Lightning Component framework help developers implement solutions faster?

A. By providing an Agile process with default steps
B. By providing change history and version control
C. By providing code review standards and processes
D. By providing device-awareness for mobile and desktops

Mark this item for later review.

Provide question feedback here (optional):

Salesforce Certified Platform Developer I

Time Remaining : 01:12:18

6 of 60. A large corporation stores Orders and Line Items in Salesforce for different lines of business. Users are allowed to see Orders across the entire organization, but, for security purposes, should only be able to see the Line Items for Orders in their line of business.

Which type of relationship should be used between Line Items and Orders?

A. Indirect Lookup
B. Direct Lookup
C. Master-Detail
D. Lookup

Salesforce Certified Platform Developer I
Time Remaining : 01:10:49

- 20 of 60.** The Account object in an organization has a master detail relationship to a child object called Branch. The following automations exist:

- Rollup summary fields
- Custom validation rules
- Duplicate rules

A developer created a trigger on the Account object.

What two things should the developer consider while testing the trigger code?

Choose 2 answers

- A. Rollup summary fields can cause the parent record to go through Save.
- B. The validation rules will cause the trigger to fire again.
- C. Duplicate rules are executed once all DML operations commit to the database.
- D. The trigger may fire multiple times during a transaction.

- 21 of 60.** Which Salesforce org has a complete duplicate copy of the production org including data and configuration?

- A. Partial Copy Sandbox
- B. Full Sandbox
- C. Developer Pro Sandbox
- D. Production

Time Remaining : 01:10:32

- 24 of 60.** Einstein Next Best Action is configured at Universal Containers to display recommendations to internal users on the Account detail page.

If the recommendation is approved, a new opportunity record and task should be generated. If the recommendation is rejected, an Apex method must be executed to perform a callout to an external system.

Which three factors should a developer keep in mind when implementing the Apex method?

Choose 3 answers

- A. The method must be defined as static.
- B. The method must use the @AuraEnabled annotation.
- C. The method must use the @Future annotation.
- D. The method must use the @InvocableMethod annotation.
- E. The method must be defined as public.

25 of 60. Refer to the following code snippet for an environment that has more than 200 Accounts belonging to the 'Technology' industry:

```
for(Account thisAccount : [SELECT Id, Industry FROM Account LIMIT 150]){
    if(thisAccount.Industry == 'Technology'){
        thisAccount.Is_Tech__c = true;
    }
    update thisAccount;
}
```

When the code executes, what happens as a result of the Apex transaction?

- A. The Apex transaction fails with the following message: SObject row was retrieved via SOQL without querying the requested field: Account.Is_Tech__c.
- B. If executed in an asynchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.
- C. If executed in a synchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.
- D. The Apex transaction succeeds regardless of any uncaught exception and all processed accounts are updated.

26 of 60. A developer is writing tests for a class and needs to insert records to validate functionality.

Which annotation method should be used to create records for every method in the test class?

- A. @isTest(SeeAllData=true)
- B. @TestSetup
- C. @StartTest
- D. @PreTest

Mark this item for later review.

Provide question feedback here (optional):

106.

- 33 of 60.** A software company uses the following objects and relationships:
- Case: to handle customer support issues
 - Defect_c: a custom object to represent known issues with the company's software
 - Case_Defect_c: a junction object between Case and Defect_c to represent that a defect is a cause of a customer issue

Case and Defect_c have Private organization-wide defaults.

What should be done to share a specific Case_Defect_c record with a user?

- A. Share the parent Case and Defect_c records.
- B. Share the parent Case record.
- C. Share the Case_Defect_c record.
- D. Share the parent Defect_c record.

107

- 34 of 60.** A developer created these three Rollup Summary fields in the custom object, Project_c:

Total_Timesheets_c
Total_Approved_Timesheets_c
Total_Rejected_Timesheet_c

The developer is asked to create a new field that shows the ratio between rejected and approved timesheets for a given project.

Which should the developer use to implement the business requirement in order to minimize maintenance overhead?

- A. Formula field
- B. Record-triggered flow
- C. Apex trigger
- D. Field Update actions

 Lightshot

108

- 38 of 60.** In the Lightning UI, where should a developer look to find information about a Paused Flow Interview?

- A. In the Paused Interviews section of the Apex Flex Queue
- B. In the system debug log by filtering on Paused Flow Interview
- C. On the Paused Flow Interviews component on the Home page
- D. On the Paused Flow Interviews related list for a given record

Mark this item for later review.

40 of 60. A PrimaryId_c custom field exists on the Candidate__c custom object. The field is used to store each candidate's id number and is marked as Unique in the schema definition.

As part of a data enrichment process, Universal Containers has a CSV file that contains updated data for all candidates in the system. The file contains each Candidate's primary id as a data point. Universal Containers wants to upload this information into Salesforce, while ensuring all data rows are correctly mapped to a candidate in the system.

Which technique should the developer implement to streamline the data upload?

- A. Upload the CSV into a custom object related to Candidate__c.
- B. Update the PrimaryId_c field definition to mark it as an External Id.
- C. Create a before insert trigger to correctly map the records.
- D. Create a before save flow to correctly map the records.

48 of 60. Which Lightning code segment should be written to declare dependencies on a Lightning component, c:accountList, that is used in a Visualforce page?

- A. <aura:application access="GLOBAL">
 <aura:dependency resource="c:accountList"/>
 </aura:application>
- B. <aura:component access="GLOBAL" extends="ltng:outApp">
 <aura:dependency resource="c:accountList"/>
 </aura:component>
- C. <aura:application access="GLOBAL" extends="ltng:outApp">
 <aura:dependency resource="c:accountList"/>
 </aura:application>
- D. <aura:component access="GLOBAL">
 <aura:dependency resource="c:accountList"/>
 </aura:component>

50 of 60. A developer has an integer variable called maxAttempts. The developer needs to ensure that once maxAttempts is initialized, it preserves its value for the length of the Apex transaction; while being able to share the variable's state between trigger executions.

How should the developer declare maxAttempts to meet these requirements?

- A. Declare maxAttempts as a member variable on the trigger definition.
- B. Declare maxAttempts as a private static variable on a helper class.
- C. Declare maxAttempts as a variable on a helper class.
- D. Declare maxAttempts as a constant using the static and final keywords.

53 of 60. What should a developer use to obtain the Id and Name of all the Leads, Accounts, and Contacts that have the company name "Universal Containers"?

- A. FIND 'Universal Containers' IN CompanyName Fields RETURNING lead(id, name), account(id, name), contact(id, name)
- B. FIND 'Universal Containers' IN Name Fields RETURNING lead(id, name), account(id, name), contact(id, name)
- C. SELECT lead(id, name), account(id, name), contact(id, name) FROM Lead, Account, Contact WHERE Name = 'Universal Containers'
- D. SELECT Lead.id, Lead.Name, Account.Id, Account.Name, Contact.Id, Contact.Name FROM Lead, Account, Contact WHERE CompanyName = 'Universal Containers'

55 of 60. The sales management team at Universal Containers requires that the Lead Source field of the Lead record be populated when a Lead is converted.

What should be done to ensure that a user populates the Lead Source field prior to converting a Lead?

- A. Use a validation rule.
- B. Create an after trigger on Lead.
- C. Use a formula field.
- D. Use Lead Conversion field mapping.

Salesforce Certified Platform Developer, I

Time Remaining : 01:07:26

- 54 of 60.** Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
public void updateContact(Contact thisContact){  
    thisContact.Is_Active__c = false;  
    try{  
        update thisContact;  
    }catch(Exception e){  
        String errorMessage = 'An error occurred while updating the Contact. '+e.getMessage();  
        ApexPages.addmessage(new ApexPages.message(ApexPages.severity.FATAL,errorMessage));  
    }  
}
```

In which two ways can the try/catch be enclosed to enforce object and field-level permissions and prevent the DML statement from being executed if the current logged-in user does not have the appropriate level of access?

Choose 2 answers

- A. Use if(Schema.sObjectType.Contact.isUpdateable())
- B. Use if(thisContact.OwnerId == UserInfo.getUserId())
- C. Use if(Schema.sObjectType.Contact.Fields.Is_Active__c.isUpdateable())

115

Time Remaining : 01:07:17

- 56 of 60.** Which two statements are true about using the @testSetup annotation in an Apex test class?

Choose 2 answers

- A. A method defined with the @testSetup annotation executes once for each test method in the test class and counts towards system limits.
- B. The @testSetup annotation is not supported when the @isTest(SeeAllData=True) annotation is used.
- C. Records created in the test setup method cannot be updated in individual test methods.
- D. In a test setup method, test data is inserted once and made available for all test methods in the test class.

Mark this item for later review.

116

- 1 of 65.** A developer is building custom search functionality that uses SOSL to search account and contact records that match search terms provided by the end user. The feature is exposed through a Lightning web component, and the end user is able to provide a list of terms to search.

Consider the following code snippet:

```
@AuraEnabled  
public static List<List<sObject>> searchTerms(List<String> termList){  
    List<List<sObject>> result = new List<List<sObject>>();  
    for(String term : termList){  
        result.addAll([FIND :term IN ALL FIELDS RETURNING Account(Name),  
Contact(FirstName,LastName)]);  
    }  
    return result;  
}
```

What is the maximum number of search terms the end user can provide to successfully execute the search without exceeding a governor limit?

- A. 20
- B. 150
- C. 200
- D. 2,000

117

- 3 of 65.** Which three operations affect the number of times a trigger can fire?

Choose 3 answers

- A. Criteria-based Sharing calculations
- B. Email messages
- C. Lightning Flows
- D. Workflow Rules
- E. Roll-Up Summary fields

118

5 of 65. A Lightning component has a wired property, `searchResults`, that stores a list of Opportunities.

Which definition of the Apex method, to which the `searchResults` property is wired, should be used?

- A. `@AuraEnabled(cacheable=false)`
`public static List<Opportunity> search(String term) { /*implementation*/ }`
- B. `@AuraEnabled(cacheable=false)`
`public List<Opportunity> search(String term) { /*implementation*/ }`
- C. `@AuraEnabled(cacheable=true)`
`public static List<Opportunity> search(String term) { /*implementation*/ }`
- D. `@AuraEnabled(cacheable=true)`
`public List<Opportunity> search(String term) { /*implementation*/ }`

 [Edit this item for later review](#)

119

7 of 65. Universal Containers uses a Master-Detail relationship and stores the availability date on each Line Item of an Order and Orders are only shipped when all of the Line Items are available.

Which method should be used to calculate the estimated ship date for an Order?

- A. Use a DAYS formula on each of the availability date fields and a COUNT Roll-Up Summary field on the Order.
- B. Use a LATEST formula on each of the latest availability date fields.
- C. Use a MAX Roll-Up Summary field on the latest availability date fields.
- D. Use a CEILING formula on each of the latest availability date fields.

120

8 of 65. Since Aura application events follow the traditional publish-subscribe model, which method is used to fire an event?

- A. `emit()`
- B. `fireEvent()`
- C. `registerEvent()`
- D. `fire()`

121 (question 9)- Answer is A

9 of 65. A developer must create a Lightning component that allows users to input Contact record information to create a Contact record, including a `Salary__c` custom field.

What should the developer use, along with a `lightning-record-edit-form`, so that `Salary__c` field functions as a currency input and is only viewable and editable by users that have the correct field level permissions on `Salary__c`?

A is correct

- A. `<lightning-input-field field-name="Salary__c">`
`</lightning-input-field>`
- B. `<lightning-formatted-number value="Salary__c" format-style="currency">`
`</lightning-formatted-number>`
- C. `<lightning-input type="number" value="Salary__c" formatter="currency">`
`</lightning-input>`
- D. `<lightning-input-currency value="Salary__c">`
`</lightning-input-currency>`

122

10 of 65. What can be used to override the Account's standard Edit button for Lightning Experience?

- A. Lightning action
- B. Lightning component
- C. Lightning page
- D. Lightning flow

123

11 of 65. A developer needs to join data received from an integration 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 a custom field on the child object of type Lookup.
- B. Create and populate a custom field on the parent object marked as an External ID.
- C. Create and populate a custom field on the parent object marked as Unique.
- D. Create a custom field on the child object of type External Relationship.

124

12 of 65. A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations.

Which type of Salesforce orgs should they use for their development?

- A. Developer sandboxes
- B. Scratch orgs
- C. Full Copy sandboxes
- D. Developer orgs

125

16 of 65. Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
public void updateContact(Contact thisContact){  
    thisContact.Is_Active__c = false;  
    try{  
        update thisContact;  
    }catch(Exception e){  
        String errorMessage = 'An error occurred while updating the Contact. '+e.getMessage();  
        ApexPages.addmessage(new ApexPages.message(ApexPages.severity.FATAL,errorMessage));  
    }  
}
```



CD is correct ai

In which two ways can the try/catch be enclosed to enforce object and field-level permissions and prevent the DML statement from being executed if the current logged-in user does not have the appropriate level of access?

Choose 2 answers

- A. Use if(Schema.sObjectType.Contact.isAccessible())
- B. Use if(thisContact.OwnerId == UserInfo.getUserId())
- C. Use if(Schema.sObjectType.Contact.fields.Is_Active__c.isUpdateable())
- D. Use if(Schema.sObjectType.Contact.isUpdateable())

126

17 of 65. A developer created a trigger on the Account object and wants to test if the trigger is properly bulkified. The developer team decided that the trigger should be tested with 200 account records with unique names.

What two things should be done to create the test data within the unit test with the least amount of code?

Choose 2 answers

- A. Use the @isTest(seeAllData=true) annotation in the test class.
- B. Create a static resource containing test data.
- C. Use Test.loadData to populate data in your test methods.
- D. Use the @isTest(isParallel=true) annotation in the test class.

127

18 of 65. What are three ways for a developer to execute tests in an org?

Choose 3 answers

- A. SalesforceDX
- B. Bulk API
- C. Metadata API
- D. Setup Menu
- E. Tooling API

128

19 of 65. Refer to the following Apex code:

```
Integer x = 0;
do {
    x = 1;
    x++;
} while (x < 1);
System.debug(x);
```

What is the value of x when it is written to the debug log?

- A. 0
- B. 1
- C. 2
- D. 3

129 – (Question 20) – Answer is A

20 of 65. Universal Containers has implemented an order management application. Each Order can have one or more Order Line items. The Order Line object is related to the Order via a master-detail relationship. For each Order Line item, the total price is calculated by multiplying the Order Line item price with the quantity ordered.

What is the best practice to get the sum of all Order Line item totals on the Order record?

- A. Roll-up summary field
- B. Quick action
- C. Apex trigger
- D. Formula field

A is correct Answer

 Mark this item for later review.

130 (Question 21) – Answer is C

21 of 65. Which code should be used to update an existing Visualforce page that uses standard Visualforce components so that the page matches the look and feel of Lightning Experience?

- A. <apex:page lightningStyleSheets="true">
- B. <apex:includeLightning/>
- C. <apex:slds/>
- D. <apex:styleSheet value="(!URLFOR(\$Resource.slds,'assets/slds.css'))">

C is the correct answer

131

23 of 65. What are two use cases for executing Anonymous Apex code?

Choose 2 answers

- A. To add unit test code coverage to an org
- B. To run a batch Apex class to update all Contacts
- C. To delete 15,000 Inactive Accounts in a single transaction after a deployment
- D. To schedule an Apex class to run periodically

132

29 of 65. A software company uses the following objects and relationships:

- Case: to handle customer support issues
- Defect_c: a custom object to represent known issues with the company's software
- Case_Defect_c: a junction object between Case and Defect_c to represent that a defect is a cause of a customer issue

Case and Defect_c have Private organization-wide defaults.

What should be done to share a specific Case_Defect_c record with a user?

- A. Share the parent Case and Defect_c records.
- B. Share the parent Case record.
- C. Share the Case_Defect_c record.
- D. Share the parent Defect_c record.

133

32 of 65. A business implemented a gamification plan to encourage its customers to watch some educational videos.

Customers can watch videos over several days, and their progress is recorded. Award points are granted to customers for all completed videos. When the video is marked as completed in Salesforce, an external web service must be called so that points can be awarded to the user.

A developer implemented these requirements in the after update trigger by making a call to an external web service. However, a `System.CalloutException` is occurring.

What should the developer do to fix this error?

- A. Move the callout to an asynchronous method with `@future(callout=true)` annotation.
- B. Replace the after update trigger with a before insert trigger.
- C. Surround the external call with a try-catch block to handle the exception.
- D. Write a REST service to integrate with the external web service.

134

33 of 65. A developer must troubleshoot to pinpoint the causes of performance issues when a custom page loads in their org.

Which tool should the developer use to troubleshoot?

- A. Visual Studio Code IDE
- B. Developer Console
- C. AppExchange
- D. Setup Menu

135

- 35 of 65.** Management asked for opportunities to be automatically created for accounts with annual revenue greater than \$1,000,000. A developer created the following trigger on the Account object to satisfy this requirement.

```
for(Account a: Trigger.new){  
    if(a.AnnualRevenue > 1000000){  
        List<Opportunity> oppList = [SELECT Id FROM Opportunity WHERE accountId = :a.Id];  
        if(oppList.size() == 0){  
            Opportunity oppy = new Opportunity(Name = a.name, StageName = 'Prospecting',  
CloseDate = system.today().addDays(30));  
            insert oppy;  
        }  
    }  
}
```

Users are able to update the account records via the UI and can see an opportunity created for high annual revenue accounts. However, when the administrator tries to upload a list of 179 accounts using Data Loader, it fails with System.Exception errors.

Which two actions should the developer take to fix the code segment shown above?

Choose 2 answers

- A. Move the DML that saves opportunities outside the for loop.
- B. Use Database.query to query the opportunities.
- C. Check if all the required fields for Opportunity are being added on creation.
- D. Query for existing opportunities outside the for loop.

136

- 36 of 65.** A developer identifies the following triggers on the Expense__c object:

```
deleteExpense,  
applyDefaultsToExpense,  
validateExpenseUpdate;
```

The triggers process before delete, before insert, and before update events respectively.

Which two techniques should the developer implement to ensure trigger best practices are followed?

Choose 2 answers

- A. Unify the before insert and before update triggers and use Flow for the delete action.
- B. Unify all three triggers in a single trigger on the Expense__c object that includes all events.
- C. Create helper classes to execute the appropriate logic when a record is saved.
- D. Maintain all three triggers on the Expense__c object, but move the Apex logic out of the trigger definition.

137

- 37 of 65.** A developer must write an Apex method that will be called from a Lightning component. The method may delete an Account stored in the accountRec variable.

Which method should a developer use to ensure only users that should be able to delete Accounts can successfully perform deletions?

- A. Account.isDeletable()
- B. accountRec.sObjectType.isDeletable()
- C. accountRec.isDeletable()
- D. Schema.sObjectType.Account.isDeletable()

138

- 38 of 65.** A developer must create a `ShippingCalculator` class that cannot be instantiated and must include a working default implementation of a `calculate` method, that sub-classes can override.

What is the correct implementation of the `ShippingCalculator` class?

- A. `public abstract class ShippingCalculator {
 public void calculate() { /*implementation*/ }
}`
- B. `public abstract class ShippingCalculator {
 public abstract calculate() { /*implementation*/ }
}`
- C. `public abstract class ShippingCalculator {
 public virtual void calculate() { /*implementation*/ }
}`
- D. `public abstract class ShippingCalculator {
 public override calculate() { /*implementation*/ }
}`

139

- 40 of 65.** Refer to the following code snippet for an environment that has more than 200 Accounts belonging to the 'Technology' industry:

```
for(Account thisAccount : [Select Id, Industry FROM Account LIMIT 250]) {  
    if(thisAccount.Industry == 'Technology'){  
        thisAccount.Is_Tech__c = true;  
    }  
    update thisAccount;  
}
```

When the code executes, what happens as a result of the Apex transaction?

- A. The Apex transaction fails regardless of the context of execution by exceeding the DML governor limit.
- B. If executed in an asynchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.
- C. If executed in a synchronous context, the Apex transaction is likely to fail by exceeding the DML governor limit.
- D. The Apex transaction fails with the following message: SObject row was retrieved via SOQL without querying the requested field: Account.Is_Tech__c.

- 41 of 65.** Universal Containers recently transitioned from Classic to Lightning Experience. One of its business processes requires certain values from the Opportunity object to be sent via an HTTP REST callout to its external order management system based on an ad-hoc basis when the user presses a custom button on the Opportunity detail page. Example values are as follows:
- Name
 - Amount
 - Account

Which two methods should the developer implement to fulfill the business requirement?

Choose 2 answers

- A. Create a Remote Action on the Opportunity object that executes an Apex immediate action to perform the HTTP REST callout whenever the Opportunity is updated.
- B. Create an after update trigger on the Opportunity object that calls a helper method using `@Future(Callout=true)` to perform the HTTP REST callout.
- C. Create a Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose the component on the Opportunity detail page.
- D. Create a Lightning component that performs the HTTP REST callout, and use a Lightning Action to expose the component on the Opportunity detail page.

141 (Question 42) – Answer is ADE

- 42 of 65.** Which three statements are accurate about debug logs?

Choose 3 answers

- A. Debug log levels are cumulative, where FINE log level includes all events logged at the DEBUG, INFO, WARN, and ERROR levels.
- B. The maximum size of a debug log is 5 MB.
- C. Only the 20 most recent debug logs for a user are kept.
- D. Debug logs can be set for specific users, classes, and triggers.
- E. System debug logs are retained for 24 hours.

ADE is correct answer

142- (Question 43) – Answer is ABE

- 43 of 65.** A developer needs to allow users to complete a form on an Account record that will create a record for a custom object. The form needs to display different fields depending on the user's job role. The functionality should only be available to a small group of users.

Which three things should the developer do to satisfy these requirements?

Choose 3 answers

- A. Add a dynamic action to the Account record page.
- B. Create a custom permission for the users.
- C. Create a Lightning web component.
- D. Add a dynamic action to the user's assigned page layouts.
- E. Create a dynamic form.

ABE is correct

144

- 45 of 65.** Universal Containers has a large number of custom applications that were built using a third-party JavaScript framework and exposed using Visualforce pages. The company wants to update these applications to apply styling that resembles the look and feel of Lightning Experience.

What should the developer do to fulfill the business request in the quickest and most effective manner?

- A. Enable Available for Lightning Experience, Lightning Communities, and the mobile app on Visualforce pages used by the custom application.
- B. Rewrite all Visualforce pages as Lightning components.
- C. Set the attribute enableLightning to true in the definition.
- D. Incorporate the Salesforce Lightning Design System CSS stylesheet into the JavaScript applications.

145

- 47 of 65.** A company has been adding data to Salesforce and has not done a good job of limiting the creation of duplicate Lead records. The developer is considering writing an Apex process to identify duplicates and merge the records together.

Which two statements are valid considerations when using merge?

Choose 2 answers

- A. The field values on the master record are overwritten by the records being merged.
- B. The merge method allows up to three records, including the master and two additional records with the same sObject type, to be merged into the master record.
- C. External ID fields can be used with the merge method.
- D. Merge is supported with accounts, contacts, cases, and leads.

— Read this page for later reading

146

- 48 of 65.** A Next Best Action strategy uses an Enhance Element that invokes an Apex method to determine a discount level for a Contact, based on a number of factors.

What is the correct definition of the Apex method?

- A. @InvocableMethod
global Recommendation getLevel(ContactWrapper input)
{ /*implementation*/ }
- B. @InvocableMethod
global static List<Recommendation> getLevel(List<ContactWrapper> input)
{ /*implementation*/ }
- C. @InvocableMethod
global List<List<Recommendation>> getLevel(List<ContactWrapper> input)
{ /*implementation*/ }
- D. @InvocableMethod
global static List<List<Recommendation>> getLevel(List<ContactWrapper> input)
{ /*implementation*/ }

147

49 of 65. Which three Salesforce resources can be accessed from a Lightning web component?

Choose 3 answers

- A. Content asset files
- B. All external libraries
- C. SVG resources
- D. Third-party web components
- E. Static resources

148

51 of 65. Which process automation can be used to calculate the shipping cost for an Order when the Order is placed and apply a percentage of the shipping cost to some of the related Order Products?

- A. Entitlement Rules
- B. Flow Builder
- C. Approval Process
- D. Lightning Component

149

52 of 65. A developer needs to create a baseline set of data (Accounts, Contacts, Products, Assets) for an entire suite of tests allowing them to test independent requirements for various types of Salesforce Cases.

Which approach can efficiently generate the required data for each unit test?

- A. Use @TestSetup with a void method.
- B. Create a mock using the Stub API.
- C. Create test data before Test.startTest() in the unit test.
- D. Add @IsTest(seeAllData=true) at the start of the unit test class.

150

55 of 65. A developer is creating a Lightning web component to show a list of sales records.

The Sales Representative user should be able to see the commission field on each record. The Sales Assistant user should be able to see all fields on the record except the commission field.

How should this be enforced so that the component works for both users without showing any errors?

- A. Use Lightning Data Service to get the collection of sales records.
- B. Use WITH SECURITY_ENFORCED in the SOQL that fetches the data for the component.
- C. Use Security.stripInaccessible to remove fields inaccessible to the current user.
- D. Use Lightning Locker Service to enforce sharing rules and field-level security.