

Platform Developer-I WI

22

Very important for WI22 exam

Que 1. What are two ways that a controller extension can be specified on a visualforce page?

Choose 2 answers

Apex:page standardController="Account" extensions="myControllerExtension"

Apex:page controller="Account" extensions ="myControllerExtension"

Que 2. A developer wants to import 500 Opportunity records into a sandbox.

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

Data Import Wizard does not support Opportunities.

Que 3. What is a benefit of developing applications in a multi-tenant environment?

Default out-of-the-box configuration.

Que 4. Which three Salesforce resources can be accessed from a Lightning web component?

Choose 3 answers

Content asset files

SVG resources

Static resources

Que 5 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?

Number With External ID

Que 6. 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 transaction will succeed and changes will be committed.

Que 7. 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?

Include <apex:messages> on the Visualforce page.

Que 8. Which two are phases in the Salesforce Application Event propagation framework?

Choose 2 answers

Bubble

Default

Que 9. Which two are best practices when it comes to Aura component and application event handling?

Choose 2 answers

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.

Que 10. What is the result of the following code?

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

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

The record will not be created and an exception will be thrown.

Que 11. 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 are not allowed to see the Line Items on the Order.

Which type of relationship should be used?

Lookup

Que 12. 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?

Scratch orgs

Que 13. When using SalesforceDX, what does a developer need to enable to create and manage scratch orgs?

Dev Hub

Que 14. An org tracks customers 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?

Implement the line amount as a currency field and the order amount as a SUM formula field.

Que 15. Flow Builder 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 static List<ContactInfo> getInfo(List<Id> contactIds)

(/*implementation*/)

Que 16. 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 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 Account.Industry = ‘Technology’];

Que 17. 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?

Validation Rule

Que 18. 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.

Que 19. How does the Lightning Component framework help developers implement solutions faster?

By providing device-awareness for mobile and desktops.

Que 20. 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 definitions of a Lightning Web Component property that uses the getAccounts method?

```
@wire{ getAccounts, (searchTerm: '$searchTerm') }
```

```
accountList;
```

Que 21. What will be the output in the debug log in the event of a QueryException during a call to the Query 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, Done.

Que 22. 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 be sure that the Apex class works correctly?

Include a try/catch block to the Apex class.

Que 23. Which action causes a before trigger to fire by default for Accounts?

Converting Leads to Person accounts or Contact accounts.

Que 24. 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 2 answers

Use a validation rule.

Use a trigger.

Que 25. 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?

Create a test class and methods to cover the Apex trigger.

Que 26. 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 successfull deployment?

Ensure BUSINESS_RECORDTYPEID is pushed as part of the deployment components.

Que 27. Which scenario is valid for execution by unit tests?

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

Que 28. Which three statements are true regarding custom exceptions in Apex?

Choose 3 answers

A custom exception class can implement one or many interfaces.

A custom exception class can extend other classes besides the Exception class.

A custom exception class must extend the system Exception class.

Que 29. 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 fulfil the business request in the quickest and most effective manner?

Incorporate the Salesforce Lightning Design System CSS stylesheet into the JavaScript applications.

Que 30. 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 systems based on a user-initiated actions on the Opportunity detail page. Example values are as follows:

- Name
- Amount
- Account

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

Choose 2 answers

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 Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose the component on the Opportunity detail page.<apex

Que 31. Which code in a Visualforce page and/or controller might present a security vulnerability?

<apex:outputText escape="false" value="{\$CurrentPage.parameters.userInput}" />

Que 32. For which three items can a trace flag be configured?

Choose 3 answers

User

Apex Trigger

Apex Class

Que 33. A developer at Universal Containers is tasked with implementing a new Salesforce application that will be maintained completely by their company's Salesforce administrator.

Which three options should be considered for building out the business logic layer of the application?

Choose 3 answers

Validation Rules

Process Builder

Flow Builder

Que 34. A developer wants to get access to the standard price book in the org while writing a test class that covers an OpportunityLineItem trigger.

Which method allows access to the price book?

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

Que 35. 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 @ReadOnly annotation and the with sharing keyword on the class.
- B Use a regular expression expression on the parameter to remove special characters.
- C Use variable binding and replace the dynamic query with a static SOQL.
- D Use the escapeSingleQuotes method to sanitize the parameter before its use.

C D

Que 36. 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?

Ant Migration Tool

SFDX CLI

Que 37. 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 variable to ensure their value can only be assigned one time?

Use the static keyword and assign its value in the class constructor.

Use the final keyword and assign its value when declaring the variable.

Que 38. 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 techniques should the developer use?

A for loop, with an if/else statement inside.

Que 39. Universal container decided it will not send emails to support personnel directly for salesforce in the event that an unhandled exceptions occurs. Instead UC wants an external system to be notified of the error.

What is the appropriate publish/subscribe logic to meet these requirements?

Ans: Publish the error event using the Eventbus.publish() method and have the external system subscribe to the using CometD.

Que 40. Which Salesforce org has a complete duplicate copy of the production org including data and configuration?

Full Sandbox

Que 41. How can a developer check the test coverage of active process Builders and Flows before deploying them in a Change Set?

Use SOQL and the Tooling API.

Que 42. 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 == 'Techonogy') {  
        thisAccount.Is_Tech_c = true;  
    }  
    Update thisAccount;  
}
```

When the code executes, which two events occur as a result of the Apex transaction?

Choose 2 answers

The Apex transaction succeeds regardless of any uncaught exception and all processed accounts are updated.

The Apex transaction fails with the following message: “SObject row was retrieved via SOQL without querying the requested field: Account.Is_Tech_c”.

Que 43. 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.

Use Opportunity.SObjectType.getDescribe().getRecordTypeInfos() to get a list of record types and iterate through them until isDefaultRecordTypeMapping() is true.

Que 44. Which code should be used to update an existing visualforce page that uses standard visualforce component so that the page matches the look and feel of lightning experience?

<Apex: page lightningStylesheets='true'>

Que 45. Which three data types can a SOQL query return?

Choose 3 answers

List

sObject

Integer

Que 46. A developer writes a trigger on the account object on the before update event that increments count field. A workflow rule also increments that count field every time an Account is created or updated. The field update in the workflow rule is configured to not to re-evaluate workflow rule.

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?

Ans: 2

Que 47. A developer wants to invoke an outbound message when a record meets a specific criteria.

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 Workflows can be used to check the record criteria and send an outbound message.
- C Approval Process has the capability to check the record criteria and send an outbound message without Apex Code.
- D Visual Workflow can be used to check the record criteria and send an outbound message without Apex Code.
- E Process builder can be used to check the record criteria and send an outbound message with Apex Code.

B C E

Que 48. Which two statements accurately represent the MVC framework implementation in salesforce?

Triggers used to create records represent the Model (M) part of the MVC framework.

Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.

Que 49. 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 virtual void calculate() {/*implementation*/}}

}

Que 50. 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.

- C Database.query(query);
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.

CD

Que 51. Which process automation should be used to send an outbound message without using Apex code?

Workflow Rule

Que 52. What are two ways for a developer to execute tests in an org?

Developer Console

Tooling API

Que 53. Universal container wants a list button to display a visualforce page that allows users to edit multiple records which visualforce feature supports this requirement.

Ans: Recordsetvar page attribute

Que 54. Which three web technologies can be integrated into a visualforce page?

CSS

JavaScript

HTML

Que 55. A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the platform governor limit.

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

```
public class without sharing 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 Refactor the code above to perform the SOQL query only if the Set of opportunityIds contains less 100 Ids.
- C Refactor the code above to perform only one SOQL query, filtering by the Set of opportunityIds.
- D Use the System.Limits.getQueries() method to ensure the number of queries is less than 100

C

Que 56. A developer needs to create a custom interface in Apex:

Which three considerations must developer keep in mind while developing the apex interface.

Ans:

Choose 3 answers

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

A D E

ADE

Que 57. The following Apex method is part of the contactService class that is called from a trigger:

40. 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(List<Contact> contacts){
 for(Contact thisContact : contacts){
 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(Contact thisContact){
 List<Contact> contacts = new List<Contact>();
 contacts.add(thisContact.Business_Unit__c = 'EMEA');
 update contacts;

Ans : A

Que 58. A SSN_c custom field exists on the candidate_c custom object. The field is used to store each candidate's social security number and is marked as unique in the schema definition.

49. A SSN_c custom field exists on the Candidate_c custom object. The field is used to store each candidate's social security 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 social security number 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 Create a Process Builder on the Candidate_c object to map the records.
- C Create a before insert trigger to correctly map the records.
- D Update the SSN_c field definition to mark it as an External Id.

Ans : D

Que 59. Which Salesforce feature allows a developer to see when a user last logged in to Salesforce if real-time notification is not required?

Event Monitoring Log

Que 60. What is a fundamental difference between a master detail relationship and a lookup relationship.

Ans: A Master detail relationship detail record inherits the sharing and security of its master record.

Que 61. A developer writes a single trigger on the Account object on the after insert and after updates events. A workflow rule modifies a field every time an Account is created or updated.

Ans : 2

Que 62. A developer must implement a checkpaymentprocessor class that provides check processing payment capabilities that adhere to what is defines for payments in the payment Processor Interface.

Public interface PaymentProcessor {

Valid pay(Dacimal amount);

}

Public class CheckPaymentProcessor implements PaymentProcessor {

Public void pay (Decimal amount) {}

}

Que 63. An org has an existing Visual Flow 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 Contacts's ID on the Opportunity.

Which update should the developer make in the Visual Flow?

Add a new Create Records element.

Que 64. 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.

1. 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 <lightning-input-currency value="Salary_c">
B <lightning-input-field field-name="Salary_c">
C <lightning-input type="number" value="Salary_c" formatter="currency">
D <lightning-formatted-number value="Salary_c" format-style="currency">

Ans : C

Que 65. A developer wrote Apex code that calls out to an external systems.

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

Write a class that implements the HTTPCalloutMock Interface.

Que 66. Which two statements are true about using the @testSetup annotation in an Apex test class?

The @testSetup annotation cannot be used when the @isTest(SeeAllData=True) annotation is used.

The @testSetup method is automatically executed before each test method in the test class is executed. Or

A method defined with the @testSetup annotation executes once for each test method in the test class and counts towards system limits.

Que 67. Which three code lines are required to create a Lightning component on a Visualforce page?

Choose 3 answers

<apex:includeLightning/>

\$Lightning.use

\$Lightning.createComponent

Que 68. 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];
```

```
}
```

Ans : 6

Que 69. Which statement generates a list of Leads and Contacts that have a field with the phrase ‘ACME’?

```
List<List <sObject>> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);
```

Que 70. 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 thepage. Assuming the custom controller is properly referenced on the Visualforcepage, what should the developer do to correct the problem?

Add a getter method for the actType attribute.

Que 71. 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

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.

Que 72. Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
38. Given the following code snippet, that is part of a custom controller for a Visualforce page:  
public void updateContact(Contact thisContact){  
    thisContact.IsActive__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-level permissions and prevent the DML statement from being executed if the current logged-in user does not have the appropriate level of access to the object?

Choose 2 answers

- A Use if(thisContact.OwnerId == UserInfo.getUserId())
- B Use if(Schema.sObjectType.Contact.fields.IsActive__c.isUpdateable())
- C Use if(Schema.sObjectType.Contact.isUpdatable())
- D Use if(Schema.sObjectType.Contact.isUpdatable())

Ans :

Use if (Schema. sObjectType.Contact.fields.IsActive_c.isUpdateable())

Use if(Schema.sObjectType.Contact.isUpdatable())

Que 73. A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modifies a field every time an Account is created or updated.

How many times will the trigger fire if a new Account is inserted, assuming other automation logic is implemented on the Account?

Ans : 2

Que 74. 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;
```

}

Ans : 0

Que 75. How does the Lightning Component framework help developer implements solutions faster?

Ans : By providing device-awareness for mobile and desktops.

Que 76. 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

Self-contained and reusable units of an application

Rich component ecosystem

Que 77. When importing and exporting data into Salesforce, which two statements are true?

Choose 2 answers

Ans: Developer and Developer Pro sandboxes have different storage limits.

Bulk API can be used to import large data volumes in development environments without bypassing the storage limits.

Que 78. 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 should a developer implement this feature?

Build an Account custom Trigger.

Que 79. Universal Containers 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 a Max Roll-Up Summary field on the latest availability date fields.

Que 80. 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 and use a Global Picklist Value Set containing the values.

Que 81. 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?

Use Test.loadData() and reference a static resource.

Que 82. 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

Que 83. 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 Test menu on the Developer Console to run all test classes for the Contact trigger.

Que 84. What are three considerations when using the @InvocableMethod annotation in Apex?

Choose 3 answers

- 1. A method using the @InvocableMethod annotation can be declared as Public or Global.**
- 2. Only one method using the @InvocableMethod annotation can be defined per Apex class.**
- 3. A method using the @InvocableMethod annotation must be declared as static.**

Que 85. 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.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))`

Que 86. A developer uses a loop to check each Contact in a list. When a Contact with the Title of "Boss" is found, the Apex method should jump to the first line of code outside of the for loop.

Which Apex solution will let the developer implement this requirement?

Ans : break;

Que 87. Which two events need to happen when deploying to a production org?

Choose 2 answers

- 1. All triggers must have at least 1% test coverage.**
- 2. All Apex code must have at least 75% test coverage.**

Que 88. What is a capability of the <ltng:require> tag that is used for loading external Javascript libraries in Lightning Component?

Choose 3 answers

One-time loading for duplicate scripts.

Specifying loading order.

Loading scripts in parallel.

Que 89. What are three characteristics of change set deployments?

They require a deployment connection.

They can be used only between related organizations.

They can be used to transfer records.

Que 90. A developer has two custom controller extensions where each has a save() method.

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

```
<apex:page standardController =”Account”, extensions=”ExtensionA, ExtensionB”>  
    <apex:commandButton action =”{!save}” value=”Save”/>  
</apex:page>
```

A. Runtime error will be generated

B. Standard controller save()

C. ExtensionB save()

D. ExtensionA save()

Que 91. A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects.

The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL

Which statement is unnecessary inside the unit test for the custom controller?

```
ApexPage.currentPage().getParameters().put('Input','TestValue');
```

```
String nextPage = controller.save().getUrl();
```

```
Test.setCurrentPage(pageRef),
```

Que 92. 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?

Ans: The deployment fails because the Avex trigger has no code coverage.

Que 93. Which two statements are valid regarding Apex classes and interfaces?

Choose 2 answers

A class can only have one inner class level.

Inner classes are private by default.

Que 94. Which two statements are true about Getter and Setter methods?

Choose 2 answers

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.

Que 95. Which three statements are accurate about debug logs?

Choose 3 answers

A. To View Debug Logs, “Manager users” or “View All Data” permission is needed.

B. Amount of information logged in the debug log can be controlled by the log 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.

Que 96. 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 related to the expense report must enter the approval process individually.

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

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.

Que 97. How should a developer write unit tests for a private method in an Apex class ?

Use the TestVisible annotation.

Que 98. 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 inherited sharing class ContactController

Public with sharing class ContactController

Que 99. What is an example of a polymorphic lookup field in Salesforce?

The WhatId field on the Standard Event object.

Que 100. 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)

Que 101. 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?

Mark the field as Required on the field definition.

Que 102. 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 constant using the static and final keywords.

Que 103. Which two operations can be performed using a formula field?

Choose 2 answers

Displaying an Image based on the Opportunity Amount.

Calculating a score on a Lead based on the information from another field.

Que 104. 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);  
}
```

Que 105. Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

Fire()

Que 106. Which statement describes the execution order when triggers are associated to the same object and event?

Trigger execution order cannot be guaranteed.

*** Que 107. A Licensed_Professional_c custom object exists in the system with two Master-Detail fields for the following objects : Certification_c and Contact.

Users with the “Certification Representative” role can access the Certification records they own and view the related Licensed Professionals records, however users with the “Sales Representative” role report they cannot view any Licensed Professional records even though they own the associated contact record.

What are two likely causes of users in the “Sales Representative” role not being able to access the Licensed Professional records?

The organization has a private sharing model for Certification_c, and Contact is the primary relationship in the Licensed_Professional_c object.

The organization has a private sharing model for Certification_c, and Certification_c is the primary relationship in the Licensed_Professional_c object.

Que 108. 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?

Flow Builder

*** Que 109. 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 global access modifier.

Que 110. What should be used to create scratch orgs?

Salesforce CLI

Que 111. 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?

Developer Console

Que 112. 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?

VS Code / SFDX CLI

Ant Migration tool

*** Que 113. 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 Assignment Rule.
- B. Build a Workflow Rule.**
- C. Build an Account Approval Process.
- D. Build a Flow with Flow Builder.

Q 114. Universal Containers wants to back up all of the data and attachments in its Salesforce org once a month.

Which approach should a developer use to meet this requirement?

Define a Data Export scheduled job.

Q 115. Which exception type cannot be caught?

LimitException

Que 116. 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

Que 117. 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.

Que 118. 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=true)

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

*** Que 118. Refer to the following code that runs in an Execute Anonymous block:

```
For(List<Lead> theseLeads : [Select LastName, Company, Email From Lead LIMIT 20000]) {  
    For(Lead thisLead : theseLeads){  
        If(thisLead.Email == null)  
            thisLead.Email = assignGenericEmail(thisLead.LastName, thisLead.company);  
    }  
    Database.update(theseLeads, false);  
}
```

If 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.

Que 119. Which aspect of Apex Programming is limited due to multitenancy?

The number of records returned from database queries.

Que 120. Universal Containers 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 schema describe calls to determine if the logged-in user has access to the Account object.

Que 121. 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.

Que 122. 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 a Before Update trigger and accessing the field value from Trigger.new

Que 123. A developer needs to create a custom button for the Account object that, when clicked, will perform a series of calculation 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

standardController

action

renderAs

Que 124. 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?

Schema.sObjectType.Account.isDeletable()

Que 125. 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?

Ans : 4

Que 126. 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?

Line Item has a Master-Detail field to Order and the Master can be re-parented.

Que 127. If Apex code executes inside the execute() method of an Apex class when implementing the Batchable interface, which two statement are true regarding governor limits?

Choose 2 answers

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.

Que 128. 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 Database.Savepoint method to enforce database integrity.

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

Que 129. 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 inherited from the calling context.

Que 130. Universal Containers decides to use purely declarative development to build out a new Salesforce application.

Which three options can be used to build out the business logic layer for this application?

Choose 3 answers

Flow Builder

Validation Rules

Process builder

Que 131. Which two characteristics are true for Aura component events?

Choose 2 answers

Calling event.stopPropagation() may or may not stop the event propagation based on the current propagation phase.

The event propagates to every owner in the containment hierarchy.

Que 132. What can be developed using the Lightning Component framework?

Single-page web apps

Que 133. 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 Lookup.

Que 134. A PrimaryId_c custom field exist 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 environment 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?

Update the primaryId__c field definition to mark it as an External Id.

Que 135. Universal Containers hires a developer to build a custom search page to help users finf 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

SOSL is faster for text searches.

SOQL is able to return more records.

Que 136. What is the value of the Trigger.old context variable in a Before Insert trigger?

Ans : null

Que 137. 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 it's trainers?

SELECT Id, (SELECT Id FROM Trainers_r) FROM Gym_c WHERE Name = 'Viridian City Gym'

Que 138. Universal Containers (UC) uses a custom object called Vendor. The Vendor custom object has a Master-Detail relationship with the standard Accounts 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.

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

The Account records contain Vendor roll-up summary fields.

Que 139. What should a developer do to check the code coverage of a class after running all tests?

View the Class Test Coverage tab on the Apex Class record in Salesforce Setup.

Que 140. Which Lightning Code segment should be written to declare dependencies on a Lightning component, c:accountList, that is used in a Visualforce page?

```
<aura:application access="GLOBAL" extends="ltng:outApp">
  <aura:dependency resource="c:accountList"/>
</aura:application>
```

Que 141. 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/Details 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.

What is the correct implementation?

Implement the line amount as a numeric formula field and the order amount as a roll-up summary field.

Que 142. 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?

@TestSetup

Que 143. Which two statements accurately represent the MVC framework implementation in salesforce?

Records created or updated by triggers represent the Model (M) part of the MVC framework.

Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.

Que 144. 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.

Que 145. 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 a Max Roll-UP Summary field on the latest availability date fields.

Que 146. 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?

Add a LIMIT clause to the first Select SOQL Statement.

Que 147. Which three resources in an Aura Component can contain Javascript functions?

Choose 3 answers

Controller

Helper

Renderer

Que 148. Which action may cause triggers to fire?

Updates to Feed Items

Que 149. Which three steps allow a custom SVG to be included a Lightning Web Component?

Choose 3 answers

Import the static resource and provide a getter for it in JavaScript.

Reference the getter in the HTML template.

Upload the SVG as a static resource.

Que 150. Where are two locations a developer can look to find information about the status of asynchronous or future calls?

Apex Flex Queue

Apex Jobs

Que 151. Instead of sending emails to support personnel directly from Salesforce from the finish method of a batch process, 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 these requirements?

Ans: Publish the error event using the Eventbus.publish() method and have the external system subscribe to the using CometD.

Que 152. Universal Containers wants to assess the advantages of declarative development versus customization for specific use cases in its Salesforce implementation.

What are two characteristics of declarative development over programmatic customization?

Chhose 2 answers

Declarative development can be done using the Setup UI.

Declarative development does not require Apex test classes.

Que 153. 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)

Que 154. 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?

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

Que 155. What does the Lightning Component framework provide to developers?

Prebuilt components that can be reused.

- When importing and exporting data into salesforce, which 2 statements are true?
Developer and Developer Pro Sandboxes have different storage limits
Data Import Wizard is a client application provided by Salesforce
- A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modifies a field every time an Account is created or updated. How many times will the trigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?
2

- 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

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

Lightning Flows, Roll Up Summary Fields, Workflow Rules

- A developer identifies the following triggers on the Expense____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

Unify all three triggers in a single trigger on the Expense object that includes all events.

Create helper classes to execute the appropriate logic when a record is saved.

- 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?

Schema.sObjectType.Account.isDeleteable()

7. 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 Update trigger and accessing the field value from Trigger.Old (before update – trigger.new)

8. 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 and use a Global Picklist Value Set containing the values.

9. 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?

```
@wire(getAccounts, {searchTerm: '$searchTerm'})
```

```
accountList;
```

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

```
<apex:outputText escape="false" value="(16CurrentPage.parameters.userInput)" />
```

11. Which two are phases in the Aura application event framework?

Default, Bubble

12. 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?

Publish the error event using the Eventbus.publish () method and have the external system subscribe to the event using CometD.

13. 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?

@TestSetup

14. 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

15. 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?

Add static to the server side method signature

16. Example 2, Example 3

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

The WhatId field on the standard Event object

18. What are three considerations when using the @InvocableMethod annotation in Apex? Choose 3 answers

A method using the @InvocableMethod annotation can be declared as Public or Global.

Only one method using the @InvocableMethod annotation can be defined per Apex class.

A method using the @InvocableMethod annotation must be declared as static.

19. 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?

Database.insert(records, false)

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

Workflow Rule

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

Dev Hub

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

A Master-Detail relationship detail record inherits the sharing and security of its master record.

23. 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 Custon Exception.");  
        }  
        catch (QueryException ex){  
            system.debug('Query Exception.");  
        }  
        finally {  
            system.debug ("Done.");  
        }  
        return theAccount;  
    }  
}
```

Querying Accounts. Query Exception. Done

24. 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?

An unhandled exception is thrown and the code terminates.

25. Which two statements are true about Getter and Setter methods as they relate to Visualforce?

Choose 2 answers

Getter methods can pass a value from a controller to a page.

Setter methods can pass a value from a controller to a page.

26. Which exception type cannot be caught?

LimitException

27. What is the value of the Trigger.old context variable in a Before Insert trigger?

null

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

Prebuilt components that can be reused

29. 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

SOQL is able to return more records.

SOSL is faster for text searches.

30. Which two characteristics are true for Aura component events?

Choose 2 answers

The event propagates to every owner in the containment hierarchy.

Depending on the current propagation phase ,Calling event.stoppropagation() may not stop the event propagation

31. Universal Containers 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 can be done using the Setup UI.

Declarative development does not require Apex test classes.

32. What should be used to create scratch orgs?

Salesforce CLI

33. If Apex code executes inside the execute () method of an Apex class when implementing the Batchable interface,

which two statement are true regarding governor limits?

Choose 2 answers

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.

34. Which Salesforce feature allows a developer to see when a user last logged in to Salesforce if real-time

notification is not required?

Event Monitoring Log

35. Which three statements are accurate about debug logs?

Choose 3 answers

Manage users or view all data permission.

Debug Log levels are cumulative, where FINE log level includes all events logged at the DEBUG, INFO, WARN, and ERROR levels.

Amount of information logged in the debug log can be controlled by the log levels.

36. 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 customCtrir{  
    private Account theAccount;  
    public String actType;  
    public customCerit (){  
        the Account (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 actType attribute.

37. 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?

@Aura Enabled (cacheable=true)

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

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

Choose 2 answers

Validation rules enforce business rules and represent the Controller (C) part of the MVC framework

Records deleted or updated by triggers represent the Model (M) part of the MVC framework.

39. 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 Test menu on the Developer Console to run all test classes for the Contact trigger.

40. 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?

Flow Builder

41. How can a developer check the test coverage of active process builder and flow before deploying them in a change set?

Tooling API

42. 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 virtual void calculate () / *implementation*/
```

43. 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?

```
public inherited sharing class ContactController  
public with sharing class ContactController
```

44. What are three characteristics of change set deployments?

Choose 3 answers

Change set can be used in one-way, single transaction.

Change set requires a deployment connection.

Change sets can be used in related organizations.

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

```
List<List <sObject>> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);
```

46. 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 the HTTPCalloutMock interface.

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.

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?

Create a test class and methods to cover the Apex trigger

48. A custom picklist field, Food Preference, 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?

Mark the field as Required on the field definition.

49. 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?

Line Item has a Master-Detail field to Order and the Master can be re-parented.

Order has a Master-Detail field to Line Item and there can be many Line Items per Order.

50. Since Aura application events follow the traditional publish-subscribe model, which method is used to fire an event?

Fire()

51. 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 namespace. Which approach should a developer take to ensure calculateBodyFat() is accessible outside the package namespace?

Declare the class and method using the global access modifier.

52. A Primary Id_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?

Update the primaryid_c field definition to mark it as an External Id

53. What are two characteristics related to formulas?

Choose 2 answers

Formulas are calculated at runtime and are not stored in the database.
Formulas can reference values in related objects.

54. 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

55. 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 the changes are committed to the database.

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

Flow builder
Process builder

57. developer wants to mark each Account in a ListAccounts as either Active or Inactive based on the LastModifiedDate field value being more than 90 days.

A for loop, with an if/else statement inside

58. Which aspect of apex programming limited due to multitenancy?

The number of records returned from database queries

59. what are the two ways that a controller and extension can be specified for a custom object named Notice on a visual force pages ?

`apex:page controller="Account extensions-myControllerExtension"
apex:page standardController="Account extensions-myControllerExtension"`

60. Universal Containers recently transitioned from Classic 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?

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 Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose the component on the Opportunity detail page

61. With annotation exposes an apex class as a restful web service?

`@RestResource`

62. Universal Containers 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 `with sharing` keyword on the class declaration

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

`<apex:includeLightning/>
$Lightning.use (Missed)
$Lightning.createComponent`

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

Developer Sandbox

65. What are three capabilities of the `citng` requires tag when loading JavaScript resources in Aura components?

One-time loading for duplicate scripts

Specifying loading order

Loading scripts in parallel.

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

Use a validation rule.

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

Full Sandbox

- 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?

```
public static void setBusiness UnitToEMEA (List<Contact> contacts) {  
for Contact thisContact: contacts){  
thisContact. Business Unit_C = "EMEA":  
}  
update contacts;  
}
```

- 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?

Line Item has a Master-Detail field to Order and the Master can be re-parented.

- 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 final keyword and assign its value when declaring the variable.

B. Use the final keyword and assign its value in the class constructor.

6. Which action may cause triggers to fire?

Updates to feed items

7. Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records.

Which Visualforce feature supports this requirement?

recordSetVar page attribute

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

Which three features satisfy this use case?

Choose 3 answers

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.

E. Approval Process has the capability to check the record criteria and send an outbound message without Apex code.

9. 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?

`ApexPages.currentPage().getParameters().get("url_param").escapeHtml4()`

10. 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 inherited from the calling context.

11. 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?

Use `Test.loadData()` and reference a static resource.

12. 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?

Publish the error event using the `Eventbus.publish()` method and have the external system subscribe to the event using CometD.

13. Which exception type cannot be caught?

`LimitException`

14. 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?

[SELECT id, (SELECT Id FROM Job_Applications_r FROM Contact WHERE Account.Industry = 'Technology');

15. 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 transaction will fail due to exceeding the governor limit.

16. 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?

Scratch orgs

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

Triggers are executed in the order they are created.

18. 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?

@InvocableMethod

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

19. 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?

Data Import Wizard does not support Opportunities.

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

Choose 2 answers

Handle low-level events in the event handler and re-fire them as higher-level events.

Reuse the event logic in a component bundle, by putting the logic in the helper.

21. A custom picklist field, Food Preference_, 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.

Mark the field as Required on the field definition.

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

Choose 3 answers

Declarative customizations do not require user testing

Declarative customizations automatically update with each Salesforce release.

Declarative customizations generally require less maintenance.

23. 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

24. 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.

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

for(Integer i = 0; i < 500; i++)
 Account a = new Account();

a.Name = 'New ' + i;
 Database.insert(a);

0

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

Import the static resource and provide a variable for it in JavaScript.

Upload the SVG as a static resource.

Reference the import in the HTML template.

27. 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 an aggregate function to sum the amount for all related child objects under the Opportunity.

28. 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 e custom object.

Build an account custom trigger.

29. A developer created these three Rollup Summary fields in the custom object., Project :

Total Timesheets_c

Total Approved Timesheets_ 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 Choose 2 answers

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

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

30. 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?

Add a new Create Records element.

31. Universal Containers (UC) wants to lower its shipping cost while making the shipping process more efficient. 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".The Which field should the developer add to create the most efficient model that supports the business need?

Add a Lookup field on the Account object to the Global Address object.

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

FIND 'Universal Containers IN Name Fields RETURNING lead(id, name), accountid, name), contact(id, name)

33. 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?

```
@InvocableMethod (label='Additional Info's  
public static List<ContactInfo> getInfo(List<id> contactIds)  
{implementation /}
```

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

By providing device-awareness for mobile and desktops

35. developer has to identify a method in an Apex class that performs resource intensive actions in memory 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?

Use the System.Limit class to monitor the current CPU governor limit consumption.
Use the Database.Savepoint method to enforce database integrity.

36. A developer considers

```
Boolean is180R  
integer x:  
String theString 'Hello':  
if (is180R == false as theString 'Hello') {  
    3 eleif (LOK true as theString 'Hello') {  
        x = 2;  
    } else if (is180R - null as theString 'Hello') {  
    } else {
```

the following snippet of code:

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

4

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

Importing data using the Data Loader and the Bulk API

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

Choose 3 answers

A custom exception class can implement one or many interfaces.

A custom exception class name must end with "Exception"

A custom exception class must extend the system Exception class.

39. developer created a new trigger that inserts 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.

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

Choose 2 answers

The event propagates to every owner in the containment hierarchy.

If a container component needs to handle a component event add a handleFacets="capture" attribute to its handler

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

Choose 2 answers

Displaying an Image based on the Opportunity Amount

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

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

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

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

```
public class CheckPayment Processor implements Payment Processor {  
    public void pay (Decimal amount) {}  
}
```

43. 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 constant using the static and final keywords.

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

Workflow Rule

45. 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

46. While working in a sandbox, an Apex test fails when run in the Test Framework. However, running the Apex tant 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?

The test method relies on existing data in the sandbox.

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

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

48. A developer wants to get access to the standard price book in the org while writing a test dass that covers an OpportunityLineItem trigger.

Which method allows access to the price book?

Use Test.getStandard PricebookId() to get the standard price book ID.

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

Integer

sObject

List

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

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

```
<apex:page standardController="Account", extensions="ExtensionA, Extension">
<apex:commandButton action="save()" value="Save"/>
</apex:page>
```

standard controller save()

51. Universal Containers wants to notify an external system, in the event that an unhandled exception occurs, by publishing a custom event using Apex. What is the appropriate publish/subscribe logic to meet this requirement?

Publish the error event using the Eventbus.publish () method and have the external system subscribe to the event using CometD.

52. 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

Use variable binding and replace the dynamic query with a static SOQL.

Use the escapeSingleQuotes method to sanitize the parameter before its use.

53. 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-field field-name="Salary_c"></lightning-input-field>
```

54. 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. Which type of relationship should be used between Orders and Line Items?

Lookup

55. 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?

Number with External ID

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

```
<aura:application access="GLOBAL" extends="ltng:outApp"> <aura:dependency  
resource="c:accountList"/>  
  
</aura:application>
```

57. 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

Custom objects and fields

Roll-up summaries

Relationships

58. 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?

Developer Console

59. Which aspect of Apex programming is limited due to multitenancy?

The number of records returned from database queries

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

Event Monitoring Log

61. A developer must create a Credit Card Payment 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 extends Payment{  
    public override void makePayment (Decimal amount){/*implementation*/}  
}
```

62. 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?

Set the attribute enableLightning to true in the definition.

63. 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

VSCode

SFDX CLI

Ant Migration tool

64. What are three ways for a developer to execute tests in an org? Choose 3 answers

Metadata API

Setup Menu

Tooling API

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 record, 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 a Process Builder on Expense_Report_c with a 'Submit for Approval' action type to submit all related Expense Item_records when the criteria is met.

62 of 65. 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, (SELECT Id FROM Trainer_c) FROM Gym WHERE Name = 'Viridian City Gym'

61 of 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?

C.Collect the insert method return value in a SaveResult record.

59 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?

C. global class Webserviceclass {
private Boolean helperMethod (){ / implementation ... /}
global string update Records () { / implementation ... / }

58 of 65. A developer is tasked by Universal Containers to build out a system to track the container repair process. Containers should be tracked as they move through the repair process, starting when a customer reports an issue and ending when the container is returned to the customer.

Which solution meets these business requirements while following best practices?

C. Build a customized Lightning Application using Application Events to ensure data integrity.

55 of 65. 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?

Self-contained and reusable units of an application

Rich component ecosystem

51 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.

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

B. action

C. standardController

D. renderAs

50 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?

Use a MAX Roll-Up Summary field on the latest availability date fields.

49 of 65. What are two ways for a developer to execute tests in an org?

Choose 2 answers

Metadata API

Tooling API

44 of 65. For which three items can a trace flag be configured?

Choose 3 answers

B. Apex Class

C. Apex Trigger

D. User

43 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 Opportunity.SObjectType.getDescribe().getRecord TypeInfos() to get a list of record types, and iterate through them until isDefaultRecord TypeMapping() is true.

42 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 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?

2

40 of 65. 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.

C. A for loop, with an if/else statement inside.

39 of 65. Refer to the following code that runs in an Execute Anonymous block:

```
for (List<Lead> theseLeads: [SELECT LastName, Company, Email FROM Lead LIMIT 20000])(  
    thisLead.Email = assignGenericEmail (thisLead.LastName, thisLead.Company);  
  
    for (Lead thisLead: theseLeads) {  
  
        if(thisLead.Email == null)  
  
            Database.Update (theseLeads, false);
```

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

The transaction will succeed and the full result set changes will be committed to the database.

37 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 various types of Salesforce Cases.

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

D. Use @TestSetup with a void method

36 of 65. What can be developed using the Lightning Component framework?

B. Single-page web apps

35 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 able to do so.

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

C. The Account records contain Vendor roll-up summary fields.

34 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, Drawable {  
  
    public void sort() {  
        //implementation  
    }  
  
    public void draw() {  
        //implementation  
    }  
}
```

33 of 65. 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 be sure that the Apex class works correctly without adding or changing data in the org?

Run the code in an Execute Anonymous block in the Developer Console.

32 of 65. How should a developer write unit tests for a private method in an Apex class?

D. Use the `TestVisible` annotation.

31 of 65. 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)

30 of 65. Which two events need to happen when deploying to a production org?

Choose 2 answers

A. All triggers must have some test coverage.

All Apex code must have at least 75% test coverage.

29 of 65. 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.

27 of 65. 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?

A. Validation Rule

26 of 65. What is a fundamental difference between a Master-Detail relationship and a Lookup relationship?

A. A Master-Detail relationship detail record inherits the sharing and security of its master record.

24 of 65. 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> getOpportunity Products (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?

B. Use the system.Limits.getQueries () method to ensure the number of queries is less than 100.

21 of 65. Universal Containers wants to back up all of the data and attachments in its Salesforce org once a month.

Which approach should a developer use to meet this requirement?

A. Define a Data Export scheduled job.

19 of 65.Which code displays the contents of a Visualforce page as a PDF?

B. <apex:page renderas="pdf">

17 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: pageMessages />

16 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?

- C. Merge is supported with accounts, contacts, and leads.

D. The merge method allows up to three records with the same sObject type to be merged into one record.

15 of 65. A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

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

Choose 3 answers

- A. ApexPages.currentPage().getParameters().put('input', 'TestValue');
- B. Test.setCurrentPage(pageRef);
- C. String nextPage= controller.save().getUrl();

14 of 65.Which two statements are true about Getter and Setter methods as they relate to Visualforce?

Choose 2 answers

- B. Getter methods pass values from a controller to a page.
- C. A corresponding Setter method is required for each Getter method.

10 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?

```
string query = 'SELECT Id FROM Account WHERE Name LIKE \'%' + String.escapeSingleQuotes(name) + '%\' ;
```

```
String query = '%' + name + '%' ;
```

```
List<Account> results= (SELECT Id FROM Account WHERE Name LIKE :query);
```

5 of 65. Given the following code snippet, that is part of a custom controller for a Visualforce page:

```
public void update Contact (Contact this contact) {  
  
    thisContact.IsActive_c = false;  
  
    Calculator  
  
    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

Use if (this contact.OwnerIdUserInfo.getUserId())

D. Use if (Schema.sObjectType.Contact.isUpdatable ())

4 of 65. 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);  
}
```

3 of 65. Which three Salesforce resources can be accessed from a Lightning web component?

Choose 3 answers

Content asset files

Static resources

SVG resources

New set

1 of 65.

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.

2 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. **throw new ParityException();**
- B. new ParityException();
- C. new ParityException ('parity does not match');
- D. **throw new ParityException ('parity does not match');**

3 of 65. 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

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

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

Choose 2 answers

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

7 of 65. 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

- A. Workflow Rules
- B Approval Process
- C. Process Builder
- D. Salesforce Flow

11 of 65. Universal Containers uses Service Cloud with a custom field, stage_, 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.

Choose 2 answers

- A. Einstein Next Best Action:
- B. Record-Triggered Flow
- C. Scheduled Flow
- D. Process Builder

13 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. Aura: flow
- B. aura-flow
- C. lightning: flow
- D. lightning-flow

14 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. Lookup field from Applicant to Job
- B. Master-detail field from Applicant to Job
- C. Formula field on Applicant that references Job
- D. Junction object between Applicant and Job

15 of 65. 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

16 of 65. 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 passes because the Apex code has the required >75% code coverage.

- B. The deployment fails because the Apex trigger has no code coverage.
- C. The deployment fails because no assertions were made in the test method.
- D. The deployment passes because both classes and the trigger were included in the deployment.

17 of 65. 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?

- A. Standard list controller
- B. Custom controller
- C. Lightning controller
- D. Standard controller

18 of 65. A developer created a Lightning web component called statusComponent to be inserted into the Account record page.

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

Choose 2 answers

- A. Add `<asterLabel>Account</asterLabel>` to the `statusComponent.js-meta.xml` file.
- B. Add `<target>lightning_RecordPage</target>` to the `statusComponent.js` file.
- C. Add `<target>lightning_RecordPage</target>` to the `statusComponent.ja-meta.xml` file.
- D. Add `<isExposed>true</isExposed>` to the `statusComponent.js-meta.xml` file.

19 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://ann.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 the upsert DML statement

B. Implement Change Data Capture.

C. Remove null items from the list of Accounts.

D. Implement a try/catch block for the DML.

20 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
- Defect_e: a junction object between Case and Defecte 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 parent Defecte record.

D. Share the case_Defect_c record.

21 of 65. Universal Containers 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_e records to a single Opportunity record. Additionally, aggregate information about the Engineering Support_e records should be shown on the Opportunity record.

What should a developer implement to support these requirements?

A. Master-detail field from Engineering Support to Opportunity

B. Master-detail field from Opportunity to Engineering_Support__c

C. Lookup field from Engineering Support to Opportunity

D. Lookup field from Opportunity to Engineering Support_c

22 of 65. 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?

- A. Use JavaScript remoting with SOQL Offset.
- B. Implement pagination with a StandardSetController.
- C. Implement pagination with an OffsetController.
- D. Use lazy loading and a transient List variable.

23 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. Test methods must be declared with the testMethod keyword.

B. At least one line of code must be executed for the Apex trigger.

C. Apex classes must have at least 75% code coverage org-wide.

D. All methods in the test classes must use isest.

24 of 65. The following automations already exist on the Account object:

- A workflow rule that updates a field when a certain criteria is met
- A custom validation on a 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?

- A. The flow may be launched multiple times.
- B. Workflow rules will fire only after the trigger has committed all DML operations to the database.
- C. The trigger may fire multiple times during a transaction.**
- D. A workflow rule field update will cause the custom validation to run again.

25 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 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 OrderException implements Exception()
- C. public class Purchase Order extends Exception()
- D. public class Purchase OrderException extends Exception()**

26 of 65. 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: async:upsert
- C.force:data: object:create
- D.force:data:bulk:upsert**

27 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. A formula field will calculate the value retroactively for existing records.
- C. Using a formula field reduces maintenance overhead.
- D. A test class that validates the formula field is needed for deployment.

28 of 65.What should a developer use to script the deployment and unit test execution as part of continuous integration?

- A. Salesforce CLI
- B. Execute Anonymous
- C. Developer Console
- D. VS Code

29 of 65. 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<sObject>, Schedulable
- B. global inherited sharing class ProcessAccount Processor implements
Database.Batchable<sObject>
- C. global inherited sharing class Process Account Processor implements Queueable
- D. global inherited sharing class ProcessAccount Processor implements Schedulable

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

C. Use Test.loadData to populate data in your test methods.

D. Create a static resource containing test data.

31 of 65. AW Computing (AWC) handles orders in Salesforce and stores its product inventory in a field, Inventory_e, 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 reduce Inventory (Id prold, Integer qty) {  
    Integer newInventoryAmt = getNewInventoryAmt(prodid, quy),  
    Product e p = new Product_c (Id = prodid, Inventory = 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?

A.InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId__c= prodid,
Reduction_c = qty);
EventBus.publish (ev);

B.InventoryReductionEvent_c ev = new InventoryReductionEvent_c (Productie = prodid, duction_c
= qty);
insert ev;

C.InventoryReductionEvent_c ev = new InventoryReductionEvent ProductId__prodid, Reduction__
= qey);
EventBus publish (ev);

32 of 65. What are two use cases for executing Anonymous Apex code?

Choose 2 answers

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

33 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

34 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 Apex REST class
- B. An outbound message
- C. An invocable method
- D. An Apex controller

35 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 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. Fire a notification.
- C. Update a property on the parent.
- D. Call a method in the Apex controller.

36 of 65. 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  
newAccounts.add(acct);
```

```
while (x < 10);
```

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

A. 5

B. 6

C.10

D. 15

37 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 numeric formula field and the order amount as a roll-up summary 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. Implement the line amount as a currency field and the order amount as a SUM formula field.

D. Write a process on the Line Item that calculates the item amount and order amount and updates the fields on the Line Item

38 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. @AuraEnabled

B. @future

C. **InvocableMethod**

D. RemoteAction

39 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 iter 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

40 of 65. The following code snippet is executed by a Lightning web component in an environment with more than 2,000 lead records:

@AuraEnabled

```
public void static updateleads () {
```

```
for (Lead thisLead: [SELECT Origin_ FROM Lead)){
```

```
    thislead. Leadsource= thisLead.Origin;
```

```
    update thislead;
```

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

A. Total number of records retrieved by SOQL queries

B. Total number of records processed as a result of DML statements

C. Total number of DML statements issued

D. Total number of SOQL queries issued

41 of 65. 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. Change the function signature to be private static.

B. Add static to the server-side method signature.

C. Decorate the server-side method with (static-true).

D. Decorate the server-side method with (static-false).

42 of 65. 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.constant decimal plIER = 4.15z B.O static final decimal DELIVERY FIDL * Sigma * R = 4.15 ;

B.**static final decimal DELIVERY_MULTIPLIER = 4.15;**

C. decimal DELIVERY MULTIPLIER = 4.15;

D. static decimal DELIVERY MULTIPLIER = 4.15;

44 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 invoke a method in the child component.

B. The parent component can use the Apex controller class to send data to 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.**

45 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. **Select the Allow reparenting option on the master-detail relationship.**

B. Add without sharing to the Apex class declaration.

C. Change the master-detail relationship to an external lookup relationship.

D. Create a junction object between OrderItem and Order.

46 of 65. 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 secondary relationship
- C. Read/Write access on the junction object
- D. Read access on the primary relationship

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

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

- A. Set the created date of a record using a system method.
- B. Load data from a remote site with a callout.
- C. Generate a Visualforce PDF with getContentAsPDF () .
- D. Execute anonymous Apex as a different user.

51 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, called Temperature, displays the current temperature in the unit selected in the Toggle component.

When user toggles from Fahrenheit to Celsius or vice versa in the Toggle component, the information must be 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 Lightning Message Service to communicate between the components.

D. Use an application event to communicate between the components.

52 of 65. 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?

A. Change the class declaration for the calculator class to public with inherited sharing.

B. Make the isActive method in the statusfetcher class public.

C. Make the decalculations method in the calculator class private.

D. Change the class declaration for the statusFetcher class to public with inherited sharing.

53 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.com) {
```

```
    if (a.Annual Revenue > 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

- A. Check if all the required fields for Opportunity are being added on creation.
- B. Use Database.query to query the opportunities.
- C. **Query for existing opportunities outside of the for loop.**
- D. **Move the DML that saves opportunities outside of the for loop.**

54 of 65. The code below deserializes input into a list of Accounts.

```
public class AcctCreator {  
    public void insertAccounts () { String acctJson= getAccountJson ();  
  
    List<Account> accts= (List<Account>) JSON.deserialize (acctJson, List<Account>.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.isCreatable())**
- C. 05: accts Database.stripInaccessible (accts, Database.CREATABLE);
- D. 05: SobjectAccessDecision ad Security.stripInaccessible (AccessType.CREATABLE, accts);

55 of 65. Which two statements are true about Getter and Setter methods as they relate to Visualforce?

Choose 2 answers

- A. Setter methods always have to be declared global.
- B. A corresponding Setter method is required for each Getter method.
- C. Getter methods must be named `getVariable` and Setter methods must be named `set Variable`.
- D. Getter methods pass values from a controller to a page.

56 of 65. 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';

57 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 `dysten`, `CalloutException` is occurring

What should the developer do to fix this error?

A.Surround the external call with a try-catch block to handle the exception.

B. Move the callout to an asynchronous method with @future(callout=true) annotation.

C.Replace the after update trigger with a before insert trigger

D.Write a REST service to integrate with the external web service.

58 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. The isAccessible() method must be used for field-level access checks.

C.Lightning Data Service ignores field-level security.

D. Lightning Data Service handles sharing rules and field-level security.

59 of 65. 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 retried for up to 24 hours.

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

A. Write an Apex SOAP service to integrate with the order fulfillment system.

B. Create an after insert trigger on the Order object to make a callout to the order fulfillment system.

C. Use Process Builder to call an invocable Apex method that sends a message to the order fulfillment system.

D. Set up a Workflow Rule outbound message to the order fulfillment system..

61 of 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?

A. Add a try/catch around the insert method.

B. Collect the insert method return value in a SaveResult record.

C. Set the second insert method parameter to TRUE.

D. Add a System.debug() statement before the insert method.

62 of 65. 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 lightning Community_Page as a target in the XML file.

B. Specify lightning Community Page Layout as a target in the XML file.

C. Ensure istxposed is set to true on the XML file.

D. Specify lightning RecordPage as a target in the XML file.

63 of 65. 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

64 of 65. Which annotation exposes an Apex class as a RESTful web service?

- A. @RemoteAction
- B. @HttpInvocable
- C. @RestResource.
- D. @AuraEnabled

65. AW computing tracks order information in custom objects called order_c and order_lines_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_lines_c records on single order_c can be shipped to different locations.

Order_shipment_Group_c object and Master Details field on order_lines_c

Q.An org has two custom objects

Plan_c that has a master-detail Relationship to the Account Object

Plan_item_c 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 Account and all of the Plan_item_c records related to those Plan_c records.

A standard controller with a controller extension

1. A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

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

B,D,E

Choose 3 answers

- A Insert pageRef;
- B Test.setCurrentPage(pageRef);**
- C public ExtendedController(ApexPages.StandardController cntrl) { }
- D ApexPages.currentPage().getParameters().put('Input', 'TestValue');**
- E String nextPage = controller.save().getUrl();**

2. An org has an existing Visual Flow 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?

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

3. 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) ()
}
- B) public class CheckPaymentProcessor extends PaymentProcessor {
 public void pay(Decimal amount) ;
}
- C) public class CheckPaymentProcessor implements PaymentProcessor {
 Public void pay(Decimal amount) ;

```
D) public class CheckPaymentProcessor implements PaymentProcessor {  
    Public void pay(Decimal amount) ()
```

4. 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?

- A) Declare the class as global and use the public access modifier on the method.
- B) Declare the class as public and use the global access modifier on the method.
- C) Declare the class and method using the public access modifier.
- D) Declare the class and method using the global access modifier.

5. 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 scripts in parallel
- E) Loading externally hosted scripts

6. 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) Remove the failing test methods from the test class.
- B) Run the tests using the ‘Run All Tests’ method.
- C) Increase the test class coverage on the helper class.
- D) Create a test class and methods to cover the Apex trigger.

7. For which three items can a trace flag be configured?

Choose 3 answers

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

8. Which two characteristics are true for Aura component events?

Choose 2 answers

- A) Calling `event.stopPropagation()` may or may not stop the event propagation based of the current propagation phase.
- B) If a container component needs to handle a component event, add a `handleFacets="true"` attribute to its handler.
- C) Only parent components that create subcomponents (either in their markup or programmatically) can handle events.
- D) The event propagates to every owner in the containment hierarchy.

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

10. 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) Developer Console
- B) Visual Studio Code IDE
- C) AppExchange
- D) Setup Menu

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

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

12. What can be developed using the Lightning Component framework?

- A) Hosted web applications
- B) Single-page web apps
- C) Dynamic web sites
- D) Salesforce integrations

13. A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modifies a field every time an Account is created or updated.

How many times will the trigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?

How many times will the trigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?

- A) 1
- B) 8
- C) 2
- D) 4

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

Which three features satisfy this use case?

Choose 3 answers

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

- E) Approval Process has the capability to check the record criteria and send an outbound message without Apex Code.

15. 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 Foreign Key.
- B) Create and populate a custom field on the parent object marked as Unique.
- 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 External Relationship.

16. 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 Process Builder on the Candidate__c object to map the records.
- B) Create a before insert trigger to correctly map the records.
- C) Update the PrimaryId__c field definition to mark it as an External Id.
- D) Upload the CSV into a custom object related to Candidate__c.

17. 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) SOSL is able to return more records.
- B) SOQL is faster for text searches.
- C) SOSL is faster for text searches.
- D) SOQL is able to return more records.

18. 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 are not allowed to see the Line Items on the Order.

Which type of relationship should be used?

- A) Master-Detail
- B) Lookup**
- C) Direct Lookup
- D) Indirect Lookup

19. 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 the HTTPCalloutMock interface.**
- C) Write a class that implements WebserviceMock.
- D) Write a class that extends WebserviceMock.

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

Choose 2 answers

- A) Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.**
- B) Lightning component HTML files represent the Model (M) part of the MVC framework.
- C) Triggers that create records represent the Model (M) part of the MVC framework.**
- D) Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.

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

Choose 2 answers

- A) Default**
- B) Emit
- C) Control
- D) Bubble**

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

- A) Flow Builder

- B) Workflow Rule
- C) Strategy Builder
- D) Process Builder

23. Which three web technologies can be integrated into a Visualforce page?

Choose 3 answers

- A) PHP
- B) HTML
- C) Java
- D) CSS
- E) JavaScript

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

25. 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 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 an 'Apex' action type to submit all related Expense_Item__c records when the criteria is met.

- B) 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.
- C) Create a Process Builder on `Expense_Report__c` to mark the related `Expense_Item__c` as submittable and a trigger on `Expense_item__c` to submit the records for approval.
- D) 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 records for approval.

26. A developer needs to prevent the creation of Request c when certain conditions exist in the system. A RequestLogic class exists that checks the conditions.

What is the correct implementation?

- A) trigger RequestTrigger on Request c (after insert) (


```
RequestLogic.validateRecords(trigger.new);
    )
```
- B) trigger RequestTrigger on Request c (before insert) (


```
RequestLogic.validateRecords(trigger.new);
    )
```
- C) trigger RequestTrigger on Request_c (after insert) (


```
if (RequestLogic.isValid(Request_c))
    RequestaddError('Your request cannot be created at this time.');
  )
```
- D) trigger RequestTrigger on Request_c (before insert) (


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

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

28. 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?

- A) Formula Field
- B) Process Builder
- C) Workflow Rule
- D) Validation Rule

29. What is the value of the Trigger.old context variable in a Before Insert trigger?

- A) null
- B) An empty list of sObjects
- C) A list of newly created sObjects without IDs
- D) Undefined

30. 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?

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

31. 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, (SELECT Id FROM Trainer r) FROM Gym c WHERE Name = 'Viridian City Gym'
- C) SELECT Id, (SELECT Id FROM Trainers c) FROM Gym c WHERE Name = 'Viridian City Gym'
- D) SELECT ID FROM Trainer c WHERE Gym r.Name = 'Viridian City Gym'

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

Which method allows access to the price book?

- A) Use Test.loadData () and a static resource to load a standard price book
- B) Use @TestVisible to allow the test method to see the standard price book.
- C) Use Test.getStandardPricebookId() to get the standard price book ID.**
- D) Use @IsTest (SeeAllData=true) and delete the existing standard price book.

33. 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) Exception
- B) Messaging
- C) OrgLimits**
- D) Limits**

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

36. 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 everytime 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) 3
- B) 1**
- C) 2**
- D) 4

37. 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) A for loop, with a switch statement inside
- B) A switch statement, with a for loop inside
- C) An if/else statement, with a for loop inside
- D) A for loop, with an if/else statement inside**

38. 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) Ant Migration Tool**
- B) SFDX CLI**
- C) Change sets
- D) Developer Console

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

- A) View the Code Coverage column in the list view on the Apex Classes page.
- B) View the Overall Code Coverage panel of the Tests tab in the Developer Console.
- C) View the Class Test Coverage tab on the Apex Class record.**
- D) Select and run the class on the Apex Test Execution page.

40. Which aspect of Apex programming is limited due to multitenancy?

- A) The number of active Apex classes
- B) The number of records processed in a loop
- C) The number of methods in an Apex class
- D) The number of records returned from database queries**

41. 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 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.

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

- A) Event Monitoring Log
- B) Asynchronous Data Capture Events
- C) Calendar Events
- D) Developer Log

44. Which statement generates a list of Leads and Contacts that have a field with the phrase ‘ACME’?

- A) List <sObject> searchList = [FIND “ACME” IN ALL FIELDS RETURNING Contact, Lead] ;
- B) Map <sObject> searchList = [FIND “ACME” IN ALL FIELDS RETURNING Contact, Lead] ;
- C) List<List <sObject>> searchList = [FIND “ACME” IN ALL FIELDS RETURNING Contact, Lead] ;
- D) List<List <sObject>> searchList = [SELECT Name, ID FROM Contact, Lead WHERE Name like “ACME”] ;

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

46. 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 without sharing class ContactController
- B) **public with sharing class ContactController**
- C) public class ContactController
- D) **public inherited sharing class ContactController**

47. 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.**

48. 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) Mark the field as Required on the object's page layout.
- B) **Mark the field as Required on the field definition.**
- C) Set a validation rule to enforce a value is selected.
- D) Set "Use the first value in the list as the default value" as True.

49.

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" extends="ltng:outApp">**
<aura:dependency resource="c:accountList"/>
</aura:application>
- B) **<aura:component access="GLOBAL" extends="ltng:outApp">**
<aura:dependency resource="c:accountList"/>
</aura:component>
- C) **<aura:component access="GLOBAL">**
<aura:dependency resource="c:accountList"/>
</aura:component>
- D) **<aura:application access="GLOBAL">**

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

50. What should be used to create scratch orgs?

- A) Sandbox refresh
- B) Workbench
- C) Salesforce CLI
- D) Developer Console

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

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

Choose 2 answers

- A) All Apex code must have at least 75% test coverage.
- B) All triggers must have at least 1% test coverage.
- C) All Process Builder Processes must have at least 1% test coverage.
- D) All Visual Flows must have at least 1% test coverage.

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

54. 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 virtual void calculate() (/*implementation*/)
}
- B) public abstract class ShippingCalculator {
 public override calculate() (/*implementation*/)
}
- C) public abstract class ShippingCalculator {
 public void calculate() (/*implementation*/)
}
- D) public abstract class ShippingCalculator {
 public abstract calculate() (/*implementation*/)
}

55. 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 value=" { ! \$ CurrentPage.parameters.userInput} " />
- C) <apex:outputText escape="false" value=" { ! \$ CurrentPage.parameters.userInput} " />
- D) <apex:outputField value=" { ! ctrl.userInput} " />

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

- A) Override the Account's Edit button with a Lightning component.
- B) Override the Account's Edit button with a Lightning Action.
- C) Override the Account's Edit button with a Lightning page.

- D) Override the Account's Edit button with a Lightning Flow

57. 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.isUpdatable ())
- B) Use if(Schema.sObjectType.Contact.fields.Is_Active_c.isUpdateable ())
- C) Use if(Schema.sObjectType.Contact.isAccessible ())
- D) Use if(thisContact.OwnerId == UserInfo.getUserId ())

58. Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

- A) emit()
- B) fireEvent()
- C) registerEvent()
- D) fire()

59. 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 permission on Salary_c?

- A) <lightning-input type="number" value="Salary_c" formatter="currency"></lightning-input>

- B) <lightning-formatted-number value="Salary c" format-style="currency">
</lightning-formatted-number>
- C) <lightning-input-currency value="Salary c">
</lightning-input-currency>
- D) <lightning-input-field field-name="Salary c">
</lightning-input-field>

60. 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.

61. A developer is asked to create a Visualforce page for Opportunities that allows users to save or merge the current record.

Which approach should the developer use to meet this requirement?

- A) A controller extension
- B) Visualforce page JavaScript
- C) A custom controller
- D) Standard controller methods

62. 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) SELECT Lead.id, Lead.Name, Account.Id, Account.Name, Contact.Id, Contact.Name
FROM Lead, Account, Contact WHERE CompanyName = ‘Universal Containers’
- B) SELECT lead(id, name), account(id, name), contact(id, name) FROM Lead, Account,
Contact WHERE Name = ‘Universal Containers’
- C) FIND ‘Universal Containers’ IN CompanyName Fields RETURNING lead(id, name),
account(id, name), contact(id, name)
- D) FIND ‘Universal Containers’ IN Name Fields RETURNING lead(id, name), account(id,
name), contact(id, name)

63. Which exception type cannot be caught?

- A) NoAccessException
- B) CalloutException

- C) A Custom Exception
- D) LimitException

64. 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) @AuraEnabled(getAccounts, (searchTerm: '\$searchTerm'))
accountList;
- C) @AuraEnabled(getAccounts, '\$searchTerm')
accountList;
- D) @wire(getAccounts, (searchTerm: '\$searchTerm'))
accountList;

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=true)
public List<Opportunity> search(String term) (/*implementation*/)
- B) @AuraEnabled(cacheable=false)
public List<Opportunity> search(String term) (/*implementation*/)
- C) @AuraEnabled(cacheable=false)
Public static List<Opportunity> search(String term) (/*implementation*/)
- D) @AuraEnabled(cacheable=true)
public static List<Opportunity> search(String term) (/*implementation*/)

Q3 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 are not allowed to see the line items on the order.

Which type of relationship should be used?

- A. Indirect lookup
- B. lookup
- C. Master Detail
- D. Direct lookup

Q4 Which three statements are accurate about debug logs?

Choose 3 answers

- A To view debug logs., “Manager users ”Or “view all data ”permission is needed.
- 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.

Q7 a developer wants to mark each Account in a list<Account> as either Active or in active based on the LastModifiedDate field value being more than 90 days.

Which Apex technique should the developer use?

- A A switch statement, with a for loop inside
- B A for loop, with if/ else statement inside
- C An if/else statement, with a for loop inside
- D A for loop, with a switch statement inside

Q8 which scenario is valid for execution by unit tests?

- A. load data from a remote site with a callout.
- B. Execute anonymous Apex as a different user
- C. Set the created date of a record using a system method
- D. Generate a Visualforce PDF with getContentAsPDF()

Q9 How should a developer write unit tests for a private method in an Apex class?

- A. Use the SeeAllData annotation.
- B. Mark the Apex class as global
- C. Use the TestVisible Annotation
- D. Add a test method in the Apex class

10. Which two statements are accurate regarding Apex Classes and Interfaces?

Choose 2 answers

- A. Inner classes are public by default
- B. Interface methods are public by default
- C. A top-level class can only have one inner class level.
- D. Classes are final by default.

11. 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 inherited sharing class ContactController
- B. Public with sharing class ContactController
- C. Public without sharing class ContactController
- D. Public class ContactController

12. The following Apex method is part of the ContactServices class that is called from a trigger:

```
Public static void setBusinessunitToEMEA(contact thisContact){  
    thisContact.Business_Unit = '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;
}

```
C. Public static void setBusinessUnitToEMEA(List<Contact> contacts){  
    For(Contact thisContact : contacts){  
  
        thisContact.Business_Unit_c = 'EMEA';  
        Update contacts[0];  
    }  
}
```

```
D. Public static void setBusinessUnitToEMEA(List<Contact> contacts){  
    Contacts[0].Business_unit c = 'EMEA';  
    Update contacts[0];  
}
```

14. 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)

15. 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. Mark the field as Required on the object’s page layout.
- D. Set a validation rule to enforce a value is selected.

16. 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 201 Accounts are inserted.
- C **0 Accounts are inserted.**
- D 1 Accounts are inserted.

17. 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 transactions; 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 private static variable on a helper class.
- B **Declare maxAttempts as a constant using the static and final keywords.**

- C. Declare maxAttempts as a variable on a helper class.
 - D. Declare maxAttempts as a member variable on the trigger definition.
- 18. 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 visual force pages and from a parameter on the initial URL. (choose 3).**
- A. Public extended controller(ApexPages.StandardController cntrl){}
 - B. ApexPages.currentPage().getParameters().put('input','TestValue');
 - C. Test.setCurrentPage(pageRef);
 - D. insert pageRef;
 - E. String nextPage=controller.save().getUrl();
- 19. 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 evaluate workflow rules.**

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

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

20. Which two operations can be performed using a formula field?

(two answers)

- A. Displaying. Last 4 digits of an encrypted social security number.

- B. Triggering a process Builder.
- C. displaying an image based on opportunity amount.
- D. calculating a scores on a lead based on the information from another field.

Q. 22.

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 . current Page () . getParameter{} .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?

- A. Add with sharing to the custom controller.
- B. Add a getter method for the actType attribute.
- C. Change theAccount attribute to public.
- D. Convert theAccount.Type to a string.

Q. 24.

An Apex method, getAccounts, that returns 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: '$searchTerm'})`
`accountList;`

- B. @wire(getAccounts, '\$searchTerm')
accountList;
- C. @AuraEnabled (getAccounts, '\$searchTerm')
- D. @AuraEnabled (getAccounts, {searchTerm; '\$searchTerm'})
accountList;

Q. 25

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

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

Q. 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];  
}
```

- A. 6
- B. 2
- C. 5
- D. 1

Q.29

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. String.ValueOf(ApexPages.currentPage().getParameters().get('url_param'))
- B. ApexPage.currentPage().getParamters().get('url_param'), escapeHtml4()
- C. ApexPages.currentPage().getParameters().get('url_param')
- D. String.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))

32. Application Events follow the traditional publish-subscribe model

Which method is used to fire an event?

- A) registerEvent()
- B) emit()
- C) fire()
- D) fireEvent()

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

Which three features satisfy this use case?

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

Q. A developer at Universal Containers is tasked with implementing a new Salesforce Application that will be maintained completely by their company's Salesforce administrator.

Which three options should be considered for building out the business logic layer of the application?

Choose 3 answers

- A) Validations Rules
- B) Flow builder
- C) Process builder
- D) Invocable Actions
- E) Scheduled Jobs

Q. 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.**

Q. 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 no error will be reported.
- C) The record will be created and a message will be in the debug log.
- D) **The record will not be created and no error will be reported.**

44. What should be used to create scratch orgs?

- A. Developer Console
- B. **Salesforce CLI**
- C. Workbench
- D. Sandbox refresh

45. A development team wants to use a deployment script to automatically deploy 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. SFDX CLI**
- C. VSCode**
- D. Change Sets

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

How can a developer implement this feature?

- A. Build an Account Assignment rule
- B. Build a Workflow rule
- C. Build an Account Approval Process
- D. Build a flow with Flow Builder**

- 5 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 virtual void calculate() /*implementation*/}
}`
- B. `public abstract class ShippingCalculator {
 Public override calculate() { /*implementation*/ }
}`
- C. `public abstract class ShippingCalculator {
 Public void calculate() { /*implementation*/ }
}`
- D. `public abstract class ShippingCalculator {
 Public abstract calculate() { /*implementation*/ }
}`

- 65. Universal Containers 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, it's release, users of 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?

- A Use the UserInfoApex class to filter all SOQL queries to return records owned by the logged-in user.
- B Use the schema describe calls to determine if the logged-in user has access to the Account object
- C Use the without sharing keyword on the class declaration
- D Use the with sharing keyword on the class declaration

Q. An Approval process is defined in the Expense_Item_c Object. A business rule dictates that whenever a user changes the Status is 'Submitted' on an Expense_Report_c record, 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?

- A. 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 records for approval.
- B. 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.
- C. Create a Process Builder on Expense_Report_c to mark the related Expense_Item_c as submittable and a trigger on Expense_Item_c to submit the records for approval.
- D. Create a Process Builder on Expense_Report_c with an 'Apex' action type to submit all related Expense_Item_c records when the criteria is met.

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

Choose 3 answers

- A. Content asset files

- B. Static resources
- C. All external libraries
- D. Third-party web components
- E. SVGresources

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

What are three characteristics of change set deployments?

Choose 3 answers

- A. Deployment is done in a one-way, single transaction.
- B. Change sets can only be used between related organizations.
- C. Change sets can deploy custom settings data.
- D. Change sets can be used to transfer records.
- E. Sending a change set between two orgs requires a deployment connection.

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

- A. <apex:outputField value="{!ctrl.userInput}" />
- B. <apex:outputText value="{\$CurrentPage.parameters.userInput}"/>
- C. <apex:outputText escape="false" value="{\$CurrentPage.parameters.userInput}" />
- D. <apex:outputField escape="false" value="{!ctrl.userInput}" />

Q. 31

What will be the output in the debug log in the event of a QueryException during a call 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 ('Query Exception.' );  
        }  
        finally {  
            system.debug('Done.');//  
        }  
        return theAccount;  
    }  
}
```

- A. Querying Accounts, Custom Exception. Done.
- B. Querying Accounts, Query Exception. Done.**
- C. Querying Accounts, Custom Exception.
- D. Querying Accounts, Custom Exception.

Q. 33.

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

Choose 3 answers

- A. \$Lightning.use
- B. \$Lightning.useComponent
- C. <apex:includeLightning/>**
- D. <apex:slds/>
- E. \$Lightning.createComponent

Q. 34.

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

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

Q. 36.

A Licensed_Professional_c custom object exists in the system with two Master-Detail fields for the following objects: Certification_c and Contact.

Users with the “Certification Representaive” role can access the Certification records they own and view related Licensed Professional records, however user with the “Sales Representative” role report they cannot view any Licensed Professional records even though they own the associated contact record.

What are two likely causes of users in the “Sales Representative” role not being able to access the Licensed Professional records ?

Choose two Answers

- A. The organization recently modified the Sales Representative role to restrict Read/Write access to Licensed_Professional_c.
- B. The organization recently modified the Sales Representative role to restrict Read access to Licensed_Professional_c.
- C. The organization has private sharing model for Certification_c, and Contact is the primary relationship in the Licensed_Professional_c object.
- D. The organization has private sharing model for Certification_c, and Certification_c is the primary relationship in the Licensed_Professional_c object.

Q. 37.

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

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

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

Which automation tool meets these requirements?

- a. Approval Process
- b. Flow Builder
- c. Process Builder
- d. Lightning Component

2. 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 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?

- a. Declare the class as global and use the public access modifier on the method.
- b. Declare the class and method using public access modifier.
- c. Declare the class as public and use the global access modifier on the method.
- d. Declare the class and method using the global access modifier.

3. How can a developer check the test coverage of active Process Builders and Flows before deploying them in a change set?

- a. Use the Flow Property Page
- b. Use the code coverage setup page.
- c. Use the ApexTestResult class.
- d. Use the SOQL and the Tooling API

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

Which tool should a developer use to troubleshoot?

- a. AppExchange
- b. Visual Studio Code IDE
- c. Developer Console
- d. Setup Menu

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

- A. Event Monitoring Log
- B. Calendar Events
- C. Developer Log
- D. Asynchronous Data Capture Events

Q. 52

Which exception type cannot be caught?

- A. NoAccessException
- B. CalloutException
- C. LimitException
- D. A custom Exception

Q. 56

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

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

Q. 57

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

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

Q. 59

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

- A. Override the Account's Edit button with Lightning component.
- B. Override the Account's Edit button with a Lightning flow.
- C. Override the Account's Edit button with a Lightning page.
- D. Override the Account's Edit button with a Lightning Action.

Q. 60

A Lightning component has a wired property, searchResults, that stores list of opportunities.

Which definition of the Apex method, to which the searchResults property is weird, 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 List<Opportunity> search (String term) /*implementation*/
- D. @AuraEnabled (cacheable=true)
public static List<Opportunity> search (String term) /*implementation*/

61. Which two are the 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. Try to use application events as opposed to component events
- C. Use component events to communicate actions that should be handled at the application level
- D. Handle low-level events in the event handler and re-fire them as higher-level events

62. Instead of sending emails to support personnel directly from Salesforce, Universal Containers wants to notify an external system in the event that an unhandled expectation occurs.

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

- A. Publish that error event using the Eventbus.publish() method and have the external system subscribe the event using CometD
- B. Publish the error event using the addError() method and write triggers to subscribe to the event and notify the external system
- C. Have the external system subscribe to the BatchApexError event, no publishing is necessary
- D. Publish the error event using the addError() method and have the external system subscribe to the event using CometD.

63. Refer to the following code that runs in an Execute Anonymous block:

```
For(List<Lead> thesetLeads : [SELECT LastName, company, Email FROM Lead LIMIT 20000]){

    For (LEAD thisLead : theseLeadds){

        If(thisLead.Email ==null)

            thisLead.Email = assignGenericEmail(thisLead.LastName, this.Leadd);
    }
}
```

```
}
```

```
Database.Update(theseLeads,flase);
```

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

- A. The total number of DML statements issued will be exceeded
- B. The total number of records processed as a result of DML statements will be exceeded
- C. The transaction will be succeeded, and the first ten thousand records will be committed to the database
- D. The transaction will be succeeded, and the full results set changes will be committed to the database.

54. How does the Lightning Component framework help developers implement solutions faster?

- A. By providing an Agile process with defaults steps
- B. By providing code review standards and processes
- C. By providing device-awareness for mobile and desktops
- D. By providing change history and version control

50. Which two statements are true about Getter and Setter methods as they relate to Visualforce?

Choose 2 answers

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

Q 47.

An org has an existing visual flow 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?

- A. Add a new update records element.
- B. Add a new quick action (of type create) element.
- C. Add a new create records element.
- D. Add a new get records element.

Q 1.

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".

Q 5.

Which three web technologies can be integrated into a visualforce page ?

Choose 3 answers.

- A. CSS
- B. JavaScript
- C. Java
- D. HTML
- E. PHP

Q 64.

Which aspect of apex programming is limited due to multitenancy?

- A. The number of records processed in a loop.
- B. The number of methods in an Apex Class.
- C. The number of active apex classes.
- D. The number of records returned from database queries.

Q 58.

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".

55. 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 be sure that the Apex class works correctly?

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

49. Universal Containers wants to back up all of 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.

30. 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) Create the opportunity and check the opportunity.recordType before inserting, which will have the record ID of the current user's default record type.

C) Use the Schema.userInfo.Opportunity.getDefaultRecordType() method.

D) Use Opportunity.SObjectType.getDescribe().getRecordTypeInfos to get a list of record types, and iterate through them until isDefaultRecordTypeMapping() is true.

27. 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?

A) trigger RequestTrigger on Request_c (before insert) {
 RequestLogic.validateRecords(trigger.new);
}

B) trigger RequestTrigger on Request_c (before insert) {
 if (RequestLogic.isValid(Request_c))
 Request.addError('Your request cannot be created at this time.');//
 }
}

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 (after insert) {
 RequestLogic.validateRecords(trigger.new);
}

2. Universal Containers wants Opportunities to be locked from editing when reaching the Closed/Won stage.

Which two strategies can a developer use to accomplish this?

Choose two answers

- A) Use the Process Automation settings.
- B) Use Flow Builder.
- C) Use a validation rule.

D) Use a trigger.

Platform Developer_1 Exam taken 30 August candidate pass

1. 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?

- Mark the field as required on the field definition.

2. Which three code lines are required to create a Lightning component on a Visualforce page? Choose 3 answers.

<apex:includeLightning/>
\$Lightning.createComponent

`$Lightning.use`

3. 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?

- Developer Console

4. order of execution in salesforce

- Validation rule,trigger,workflow,process builder,commit

5. 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;  
}
```

6. Universal Containers has as 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 fulfil the business request in the quickest and most effective manner?

- Incorporate the salesforce Lightning Design System CSS stylesheet into the Javascript applications.

7. An approval Process is defined in the Expense_Report c object. A business rule idictates that whenever a user changes the status to 'submitted' on an Expense_Report c record, 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 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.

8.A developer must create an Apex class, contactcontroller, that a Lightning component can use to search for Contact records. User of the Lightning component should only be able to search Contact records to which they have access. Which two will restrict the records correctly?

- Public inherited sharing class ContactController.
- Public with sharing class ContactController.

9. 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];  
}
```

- 6

10. 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 testclass 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 fails because the Apex trigger has no code coverage

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

- View the Apex Jobs page
- View the Apex Flex Queue.

12. How does the Lightning Component framework help developers implement solutions faster?

- By providing device-awareness for mobile and desktops

13 What are two ways for a developer to execute tests in an org?

- Tooling API
- Developer console

14. What is a fundamental difference b/w Master-Detail relationship and Lookup relationship?

- A Master-Detail relationship detail record inherits the sharing and security of its master record.

15. 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 an Account is created or updated. The field update in the workflow rule is configured to not to 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?

- 4, check in dev console: 2

16. A licensed_professional c custom object exists in the system with two master-detail fields for the following objects: Certification c and Contact. Users with the 'certification representative' role can access the certification records they own and view the related licensed professional records, however, users with the sales representative role report they cannot view any licensed professional records even though they own the associated contact record. What are two likely causes of users in the 'sales reps' role not being able to access the licensed professional records?

- The Organization recently modified the sales reps role to restrict read/write access to licensed_professional c

- The org has a private sharing model for Certification c and certification c is the primary relationship in the licensed-professional c object.

17. Which three steps allow a custom SVG to be included in a Lightning web component? Choose 3 answers

- Upload the SVG as a static resource
- Import the static resource and provide a getter for it in JavaScript
- Reference the getter in the HTML template

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

- Workflow Rule

19. 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 variable binding and replace the dynamic query with a static SOQL.
- Use the escapeSingleQuotes method to sanitize the parameter before its use.

20. A developer uses a loop to check each Contact in a list. When a Contact with the Title of "Boss" is found, the Apex method should jump to the first line of code outside of the for loop.

Which Apex solution will let the developer implement this requirement?

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- Create the picklist on each object and use a Global Picklist Value Set containing the values.

22. Which aspect of Apex programming is limited due to multitenancy?

- The number of records returned from database queries

23. 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?

- **Number with External ID**

24. 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 static List<ContactInfo> getInfo(List<Id> contactIds)
{ /*implementation*/ }`

25. Universal Containers wants to back up all of the data and attachments in its Salesforce org once a month. Which approach should a developer use to meet this requirement?

Define a Data Export scheduled job.

26. 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 injections? Choose 2 answers

- `String query = 'SELECT Id FROM Account WHERE
Name LIKE \'%' + String.escapeSingleQuotes(name)
+ \'%\'`

`List<Account> results = Database.query(query);`

- `String query = '%' + name + '%';
List<Account> results = [SELECT Id FROM Account
WHERE Name LIKE 'query';`

27. 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 deployment?

- **Scratch Orgs**

28. 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?

The Account records contain Vendor Roll-Up Summary fields.

29. Which three process automations can immediately send an email notification to the owner of an Opportunity when its amount is changed to be greater than \$10,000? Choose 3 answers

Process Builder

Workflow Rule

Escalation Rule

30. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles. Which should they use to deploy to the sandbox?

Ant Migration Tool

31. 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 the Database.Savepoint method to enforce database integrity.

32. Which three data types can a SOQL query return? Choose 3 answers

Integer

sObject

List of sObjects

33. 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?

<apex:page lightningStyleSheets="true">

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

List<List <sObject>> searchList = [FIND “*ACME*” IN ALL FIELDS RETURNING Contact, Lead];

35. A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modifies a field every time an Account is created or updated.

How many times will the trigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?

2

36. 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?

Line Item has a Master-Detail field to Order and the Master can be re-parented.

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

```
<apex:outputText escape="false"
value="{!!$CurrentPage.parameters.UserInput}">
</apex:outputText>
```

38. 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=true)`
`public static list<Opportunity> search (string term) /*implementation*/;`

39. 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?

- The Apex governor limits might be higher due to the asynchronous nature of the transaction
- The Apex governor limits are reset for each iteration of the execute() method.

40. What should be enabled for working of Scratch org?

- Developer hub (Dev Hub)

41. How many accounts will be inserted by the following block of code?

```
for(Integer i = 0 ; i < 500; i++) {
    new Account(Name='New Account ' + i);
    Account a =
    insert a; }
```

- 0

42. Boolean odk;

```
Integer x;
if(abok=false;intege
r=x;){ X=1;
}elseif(abok=true;integer=x
;){ X=2;
}elseif(abok!=null;integer=x
;){ X=3;
)el
sei
f{
X=
4;}
```

- X=4

43. what are the three languages used in the visualforce page?

- Javascript, CSS, HTML

44. what are the methods used to show input in classic and lightning ?

- Use visualforce page in classic and lightning component in lightning

45. A developer has a VF page and custom controller to save Account records. The developer wants to display any validation rule violation to the user. How can the developer make sure that validation rule violations are displayed?

- Include <apex:messages> on the visualforce page.

46. A developer observes that an Apex test method fails in the sandbox. To identify the issue, the developer copies the code inside the test method and executes it via the execute anonymous tool in the dev console. the code then executes with no exception or errors. Why did the test method fail in the sandbox and pass in the dev console?

- The test method relies on existing data in the sandbox

47. A developer identifies the following triggers on the Expense_c object:

```
DeleteExpense,  
applyDefaultstoex  
pense  
validateexpenseup  
date;
```

The triggers process before delete, before insert, and before update events respectively. Which two techniques should the developer implement to ensure trigger best practice are followed?

- Create helper classes to execute the appropriate logic when a record is saved
- unify all three triggers in a single trigger on the expense c object that includes all events

48. 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?

- Data import wizard does not support 'opportunities'

49. Universal Containers wants a list button to display a VF page that allows users to edit multiple records. Which VF feature supports this requirements?

- recordSetVar page attribute

50. 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

51. what are two advantages of implementing the view layer of a SF application using aura component based development over VF?

- Self-contained and reusable units of an application
- rich component ecosystem

52. Universal containers implemented a private sharing model for the account object. A custom account search tool was developed with apex to help sales reps 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 'with sharing' keyword on the class declaration

53 . A developer must create a creditcardpayment class that provides an implementation of an existing payment class. Which is the correct implementation.

- Public class creditcardpayment extends payment {
public override void makepayment(decimal amount) /*implementation*/}

54. Which code displays the content of Visualforce page as PDF?

```
<apex:page renderAs="pdf">
```

55. 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?

Flow Builder

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

Prebuilt components that can be reused

57. Which three operations affect the number of times a trigger can fire? Choose 3 answers

Workflow Rules

Process Flows

Roll-up Summary fields

58. Which two are phases in the Salesforce Application Event propagation framework? Choose 2 answer

Bubble

Default

Platform Developer_1 Exam taken 24 August candidate pass

1. 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?

```
Public class DrawList implements
Sortable, Drawable { Public void
sort() { /*implementation*/ } Public
void draw() { /*implementation*/ }
}
```

2. 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.getmessag
e());
}
```

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

The transaction will succeed and changes will be committed.

3. A developer needs to prevent the creation of Request records when certain conditions exist in the system. A Request Logic class exists that checks the conditions. What is the correct implementation?

```
Trigger RequestTrigger on Request
(before insert) {
    RequestLogic.validateRecords(trigge
r.new);
}
```

4. Universal Containers 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 a Max Roll-Up Summary field on the latest availability date fields.

5. Which exception type cannot be caught

LimitException

6. 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 Test menu on the Developer Console to run all test classes for the Contact trigger.

7. A developer wants to retrieve the Contact 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)

8. 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.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_parameter'))

9. Where are two locations a developer can look to find information about the status of asynchronous or future calls? Choose 2 answers

Apex Jobs

Apex Flex Queue

10. 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 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 a Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose component on the Opportunity detail page.

Create a Lightning component that performs the HTTP REST callout, and use a Lightning Action to expose component on the Opportunity detail page.

11. 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?

Use Test.loadData() and reference a static resource.

12. A developer wants to get access to the standard price book in the org while writing a test class that covers an OpportunityLineItem trigger. Which method allows

access to the price book?

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

13. Universal Containers (UC) decided it will not send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs. Instead, UC wants an external system to be notified of the error.

What is the appropriate publish/subscribe logic to meet these requirements?

Have the external system subscribe to the BatchApexError event, no publishing is not necessary.

14. 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?

Use the <apex:relatedList> tag

15. 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?

(SELECT Id, (SELECT Id FROM Job_Application r) FROM Contact WHERE Account.Industry = 'Technology');

16. 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

Relationships

Custom Objects and Fields

Roll-Up Summaries

17. 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?

Create a test class and methods to cover the Apex trigger.

18. What are three ways for a developer to execute tests in an org? Choose 3 answers

Tooling API

Setup Menu

SalesforceDX

19. A developer is implementing an Apex class for a financial system. Within the class, the variables ‘creditAmount’ and ‘debtAmount’ 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 final keyword and assign its value when declaring the variable.

Use the final keyword and assign its value in the class constructor.

20. 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?

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

21. 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.

22. Given the following block of code:

```
Try{  
    List<Accounts> retrieveRecords = [SELECT Id FROM  
    Account WHERE Website = null];  
} catch(Exception e){  
    //manage exception logic  
}
```

What should a developer do to ensure the code execution is disrupted if the retrieveRecords list remains empty after the SOQL query?

Check the state of the retrievedRecords variable and throw a custom exception if the variable is empty.

23A recursive transaction is initiated by a DML statement creating records for these two objects:

1. Accounts

2. 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.

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

Custom controller code:

```
public 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 actType attribute.

25. 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) {}
}**

26. What are three considerations when using the @InvocableMethod annotation in Apex? Choose 3 answers

A method using the @InvocableMethod annotation can be declared as Public or Global.

Only one method using the @InvocableMethod annotation can be defined per Apex class.

A method using the @InvocableMethod annotation must be declared as static.

27. Which two events need to happen when deploying to a production org? Choose 2 answers

All triggers must have at least 1% test coverage.

All Apex code must have at least 75% test coverage.

28. Application Events follow the traditional publish-subscribe model. Which method is used to fire an event?

Fire()

29. Given the following trigger implementation:

```
trigger leadTrigger on Lead (before update){  
    final ID BUSINESS_RECORDTYPEID = '01250000009Qad';  
  
    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 a developer do to ensure a successful deployment?

Ensure BUSINESS_RECORDTYPEID is published as part of the deployment components.

30. An org has an existing Visual Flow 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 ID's on the Opportunity.

Which update should the developer make in the Visual Flow?

Add a new Create Records element.

31. 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 should a developer implement this feature?

Build an Account custom trigger.

32. 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?

@InvocableMethod

global static

List<List<Recommendation>>

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

Notes: The Enhance element can pass any number of inputs to the Apex action. The input parameter must be a list or a list of lists of a user-defined Apex object (for example, a custom class called DataContainer).
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?

• **@TestSetup**

34. 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?

• **@wire(getAccounts, { searchTerm:
'\$searchTerm'}) AccountList;**

35. What will be the output in the debug log in the event of a QueryException during a call to the @query

method in the following

```
Example? Class myClass {  
    class customexception extends  
    queryException {} public static accounts  
    @query() {  
        account  
        theaccount; try (  
        -  
        - - -  
        - - -  
        - - -  
        finally {  
            system.debug('Done.');//  
        }  
        return theAccount;  
    }  
}
```

• **Querying Accounts. Query Exception. Done**

36. Which salesforce feature allows a developer to see when a user last logged into salesforce if real-time notification is not required?

• **Event monitoring log**

37. 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.

• **Public abstract class shippingCalculator {
public virtual void calculate() /*implmentation*/ }**

38. 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 constant using the static and final keywords.

39. Which salesforce org has a complete duplicate copy of the production org including data and configuration?

- Full Sandbox

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

- Refactor the code above to perform only one SOQL query, filtering by the set of opportunityIds.

41. Universal Containers stores orders and line Items in SF. For security reasons, financial reps are allowed to see information on the order such as order amount, but they aren't allowed to see the line items on the order. Which type of relationship should be used?

- Lookup

42. Which three statements are true regarding custom exceptions in Apex?

- Custom Exception class name must end with 'Exception'
- Custom Exception class must extend the system Exception class
- Custom Exception class can implement one or many Interfaces

43. Given the following Apext statement:

Account myAccount = [select ID, name from account] ;

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

- An unhandled exception is thrown and the code terminates

44. 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-input>



Platform Developer 1 Exam Question and Answers SP20

Exam Taken 22nd April, 2020

1. Which three steps allow a custom SVG to be included in a Lightning web component?
Choose 3 answers

- Upload the SVG as a static resource
- Import the static resource and provide a getter for it in JavaScript
- Reference the getter in the HTML template

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

- Workflow Rule

3. 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 variable binding and replace the dynamic query with a static SOQL.
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Which Apex solution will let the developer implement this requirement?

- break;

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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?

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6. Which aspect of Apex programming is limited due to multitenancy?

- The number of records returned from database queries

7. 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?

- **Number with External ID**

8. 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 static List<ContactInfo> getInfo(List<Id> contactIds)
 /*implementation*/ }
```

9. Universal Containers wants to back up all of the data and attachments in its Salesforce org once a month. Which approach should a developer use to meet this requirement?

**Define a Data Export scheduled job.**

10. 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 injections? Choose 2 answers
- ```
String query = 'SELECT Id FROM Account WHERE Name LIKE \'%' +
String.escapeSingleQuotes(name) + '%\''
List<Account> results = Database.query(query);
```

- ```
String query = '%' + name + '%';
List<Account> results = [SELECT Id FROM Account WHERE Name LIKE
query];
```

11. 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 deployment?

- **Scratch Orgs**

12. Which code displays the content of Visualforce page as PDF?

- ```
<apex:page renderAs="pdf">
```

13. 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?

- **Flow Builder**

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

- **Prebuilt components that can be reused**

15. Which three operations affect the number of times a trigger can fire? Choose 3 answers

- **Workflow Rules**
- **Process Flows**
- **Roll-up Summary fields**

16. Which two are phases in the Salesforce Application Event propagation framework? Choose 2 answers

- Bubble
- Default

17. 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?

- **Public class DrawList implements Sortable, Drawable {**

```
    Public void sort() { /*implementation*/ }
    Public void draw() { /*implementation*/ }
}
```

18. 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 transaction will succeed and changes will be committed.**

19. A developer needs to prevent the creation of Request 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 (before insert) {**

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

20. Universal Containers 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 a Max Roll-Up Summary field on the latest availability date fields.**

21. Which exception type cannot be caught?

- **LimitException**

22. 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 Test menu on the Developer Console to run all test classes for the Contact trigger.**

23. A developer wants to retrieve the Contact 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)**

24. 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.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))**

25. Where are two locations a developer can look to find information about the status of asynchronous or future calls? Choose 2 answers

- **Apex Jobs**
- **Apex Flex Queue**

26. 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 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 a Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose component on the Opportunity detail page.
- Create a Lightning component that performs the HTTP REST callout, and use a Lightning Action to expose component on the Opportunity detail page.

27. 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?

- **Use Test.loadData() and reference a static resource.**

28. 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?

- The Account records contain Vendor Roll-Up Summary fields.

29. Which three process automations can immediately send an email notification to the owner of an Opportunity when its amount is changed to be greater than \$10,000? Choose 3 answers

- Process Builder
- Workflow Rule
- Escalation Rule

30. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles. Which should they use to deploy to the sandbox?

- Ant Migration Tool

31. 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 the Database.Savepoint method to enforce database integrity.

32. Which three data types can a SOQL query return? Choose 3 answers

- Integer
- sObject
- List of sObjects

33. 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?

- <apex:page lightningStyleSheets="true">

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

- List<List <sObject>> searchList = [FIND '*ACME*' IN ALL FIELDS RETURNING Contact, Lead];

35. A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modifies a field every time an Account is created or updated.

How many times will the trigger fire if a new Account is inserted, assuming no other automation logic is implemented on the Account?

- 2

36. 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?

- **Line Item has a Master-Detail field to Order and the Master can be re-parented.**

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

- `<apex:outputText escape="false" value="{$CurrentPage.parameters.UserInput}" />`

38. A developer wants to get access to the standard price book in the org while writing a test class that covers an OpportunityLineItem trigger. Which method allows access to the price book?

- **Use Test.getStandardPricebookId() to get the standard price book ID.**

39. Universal Containers (UC) decided it will not send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs. Instead, UC wants an external system to be notified of the error.

What is the appropriate publish/subscribe logic to meet these requirements?

- **Have the external system subscribe to the BatchApexError event, no publishing is not necessary.**

40. 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?

- **Use the <apex:relatedList> tag**

41. 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?

- **(SELECT Id, (SELECT Id FROM Job_Application r) FROM Contact WHERE Account.Industry = 'Technology');**

42. 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

- **Relationships**
- **Custom Objects and Fields**
- **Roll-Up Summaries**

43. 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?

- **Create a test class and methods to cover the Apex trigger.**

44. What are three ways for a developer to execute tests in an org? Choose 3 answers

- Tooling API
- Setup Menu
- SalesforceDX

45. A developer is implementing an Apex class for a financial system. Within the class, the variables 'creditAmount' and 'debtAmount' 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 final keyword and assign its value when declaring the variable.
- Use the final keyword and assign its value in the class constructor.

46. 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?

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

47. 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.**

48. Given the following block of code:

```
Try{  
    List<Accounts> retrieveRecords = [SELECT Id FROM Account WHERE  
    Website = null];  
} catch(Exception e){  
    //manage exception logic  
}
```

What should a developer do to ensure the code execution is disrupted if the retrieveRecords list remains empty after the SOQL query?

- **Check the state of the retrievedRecords variable and throw a custom exception if the variable is empty.**

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

1. Accounts

2. 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.

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

Custom controller code:

```
public 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 actType attribute.

51. 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) {}
}

52. What are three considerations when using the @InvocableMethod annotation in Apex?
Choose 3 answers

- A method using the @InvocableMethod annotation can be declared as Public or Global.

- Only one method using the `@InvocableMethod` annotation can be defined per Apex class.

- A method using the `@InvocableMethod` annotation must be declared as static.

53. Which two events need to happen when deploying to a production org? Choose 2 answers

- All triggers must have at least 1% test coverage.
- All Apex code must have at least 75% test coverage.

54. Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

- `Fire()`

55. Given the following trigger implementation:

```
trigger leadTrigger on Lead (before update){  
    final ID BUSINESS_RECORDTYPEID = '01250000009Qad';  
  
    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 a developer do to ensure a successful deployment?

- Ensure `BUSINESS_RECORDTYPEID` is published as part of the deployment components.

56. An org has an existing Visual Flow 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 ID's on the Opportunity.

Which update should the developer make in the Visual Flow?

- Add a new Create Records element.

57. 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 should a developer implement this feature?

- Build an Account custom trigger.

58. 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?

- `@InvocableMethod`

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

Notes: The Enhance element can pass any number of inputs to the Apex action. The input parameter must be a list or a list of lists of a user-defined Apex object (for example, a custom class called DataContainer).

59. 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?

- **@TestSetup**

62. 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?

- **@wire(getAccounts, { searchTerm: '\$searchTerm'})
AccountList;**

63. What will be the output in the debug log in the event of a QueryException during a call to the @query

method in the following Example?

```
Class myClass {  
    class customeexception extends queryException {}  
    public static accounts @query() {  
        account theaccount;  
        try (  
            -  
            ----  
            ---  
            ---  
        finally {  
            system.debug('Done.');//  
        }  
        return theAccount;  
    }  
}
```

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

64. Which salesforce feature allows a developer to see when a user last logged into salesforce if real-time notification is not required?

- **Event monitoring log**

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.

- **Public abstract class shippingCalculator {
public virtual void calculate() /*implementation*/ }**

66. 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 constant using the static and final keywords.

67. Which salesforce org has a complete duplicate copy of the production org including data and configuration?

- Full Sandbox

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

- Refactor the code above to perform only one SOQL query, filtering by the set of opportunityIds.

69. Universal Containers stores orders and line items in SF. For security reasons, financial reps are allowed to see information on the order such as order amount, but they aren't allowed to see the line items on the order. Which type of relationship should be used?

- Lookup

70. Which three statements are true regarding custom exceptions in Apex?

- Custom Exception class name must end with 'Exception'
- Custom Exception class must extend the system Exception class
- Custom Exception class can implement one or many Interfaces

71. 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?

- An unhandled exception is thrown and the code terminates

72. A developer has a VF page and custom controller to save Account records. The developer wants to display any validation rule violation to the user. How can the developer make sure that validation rule violations are displayed?

- Include <apex:messages> on the visualforce page.

73. A developer observes that an Apex test method fails in the sandbox. To identify the issue, the developer copies the code inside the test method and executes it via the execute anonymous tool in the dev console. The code then executes with no exception or errors. Why did the test method fail in the sandbox and pass in the dev console?

- The test method relies on existing data in the sandbox

74. 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 practice are followed?

- Create helper classes to execute the appropriate logic when a record is saved
- unify all three triggers in a single trigger on the expense c object that includes all events

75. 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?

- Data import wizard does not support 'opportunities'

76. Universal Containers wants a list button to display a VF page that allows users to edit multiple records. Which VF feature supports this requirements?

- recordSetVar page attribute

77. 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

78. what are two advantages of implementing the view layer of a SF application using aura component based development over VF?

- Self-contained and reusable units of an application
- rich component ecosystem

79. Universal containers implemented a private sharing model for the account object. A custom account search tool was developed with apex to help sales reps 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 'with sharing' keyword on the class declaration

81. A developer must create a creditcardpayment class that provides an implementation of an existing payment class. Which is the correct implementation.

- PUblic class creditcardpayment extends payment {
public override void makepayment(decimal amount) /*implementation*/}

82. 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-input>

83. 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=true)
public static list<Opportunity> search (string term) /*implementation*/

84. 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?

- The Apex governor limits might be higher due to the asynchronous nature of the transaction
- The Apex governor limits are reset for each iteration of the execute() method.

85. What should be enabled for working of Scratch org?

- Developer hub (Dev Hub)

86. 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; }

- 0

87. Boolean abok;

```
Integer x;
if(abok=false;integer=x;){
    X=1;
}elseif(abok=true;integer=x;){
    X=2;
}elseif(abok!=null;integer=x;){
    X=3;
}elseif{
    X=4;
}
```

- X=4

88. What are the three languages used in the visualforce page?

- Javascript, CSS, HTML

89. What are the methods used to show input in classic and lightning?

- Use visualforce page in classic and lightning component in lightning

90. Which three code lines are required to create a Lightning component on a Visualforce page? Choose 3 answers.

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

- \$Lightning.use

91. 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?

- Developer Console

92. order of execution in salesforce

- Validation rule,trigger,workflow,process builder,commit

93. 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 = '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 = 'EMEA';  
    }  
    update contacts;  
}
```

94. 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 fulfil the business request in the quickest and most effective manner?

- Incorporate the salesforce Lightning Design System CSS stylesheet into the Javascript applications.

95. 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 related to the expense report must enter the approval process individually. Which approach should be used to ensure the business requirement is met?

- 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.

96. A developer must create an Apex class, contactcontroller, that a Lightning component can use to search for Contact records. User of the Lightning component should only be able to search Contact records to which they have access. Which two will restrict the records correctly?

- Public inherited sharing class ContactController.
- Public with sharing class ContactController.

97. 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];  
}
```

- 6

98. 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 testclass 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 fails because the Apex trigger has no code coverage

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

- View the Apex Jobs page

- View the Apex Flex Queue.

100. How does the Lightning Component framework help developers implement solutions faster?

- By providing device-awareness for mobile and desktops

101. What are two ways for a developer to execute tests in an org?

- Tooling API

- Developer console

102. What is a fundamental difference b/w Master-Detail relationship and Lookup relationship?

- A Master-Detail relationship detail record inherits the sharing and security of its master record.

103. 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 an Account is created or updated. The field update in the workflow rule is configured to not to 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?

- 4, check in dev console: 2

104. A licensed_professional c custom object exists in the system with two master-detail fields for the following objects: Certification c and Contact. Users with the 'certification representative' role can access the certification records they own and view the related licensed professional records, however, users with the sales representative role report they cannot view any licensed professional records even though they own the associated contact record. What are two likely causes of users in the 'sales reps' role not being able to access the licensed professional records?

- The Organization recently modified the sales reps role to restrict read/write access to licensed_professional c

- The org has a private sharing model for Certification c and certification c is the primary relationship in the licensed-professional c object.

105. A custom picklist field, food_preference_c, exists on a custom object. The picklist contains the following options; 'vegan','kosher','no prefernce'. 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?

- Mark the field as required on the field definition.

Question 1: Correct

Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

- fire()(Correct)
- registerEvent()
- emit()
- fireEvent()

Question 2: Correct

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

Question 3: Correct

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

Question 4: Correct

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_RECORDTYPE){

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

Question 5: **Correct**

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 relaxed while calling the constructor of the Apex class.
- The Apex governor limits are reset for each iteration of the execute () method.**(Correct)**
- The Apex governor limits might be higher due to the asynchronous nature of the transaction.**(Correct)**

Question 6: Correct

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
- HTML file
- Apex class(**Correct**)
- JavaScript file

Question 7: Correct

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

- Workflow Rule. (**Correct**)
- Process Builder.
- Strategy Builder.
- Flow Builder.

Question 8: Correct

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

Question 9: **Correct**

An Apex method, `getAccounts`, that returns a List of Accounts given a search Term, 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: '$searchTerm' })`
 - `accountList;(Correct)`
- `@wire(getAccounts, '$searchTerm')`
 - `accountList;`

Question 10: **Correct**

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

Question 11: **Correct**

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.**(Correct)**
- Bulk API can be used to bypass the storage limits when importing large data volumes in development environments.
- Developer and Developer Pro sandboxes have different storage limits.**(Correct)**
- The data import wizard is a client application provided by Salesforce.

Question 12: **Correct**

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

Choose 3 answers.

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

Question 13: **Correct**

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.

- Workflow Rule
- Flow Builder**(Correct)**
- Approval Process
- Process Builder**(Correct)**

Question 14: **Correct**

Which three statements are accurate about debug logs?

Choose 3 answers.

- Debug Log Levels are cumulative, where FINE Log level includes all events logged at the DEBUG, INFO, WARN, and ERROR levels.**(Correct)**

- To View Debug Logs, “Manage Users” or “View All Data” permission is needed.(**Correct**)
- 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.(**Correct**)
- The amount of information logged in the debug log can be controlled programmatically.

Question 15: **Correct**

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 is partially committed up until the stack depth is exceeded.
- The transaction succeeds and all changes are committed to the database.(**Correct**)
- 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 16: **Correct**

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.(**Correct**)
- By providing an agile process with default steps.
- By providing change history and version control.

Question 17: **Correct**

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.

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

Question 18: **Correct**

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

Question 19: **Correct**

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

Question 20: **Correct**

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

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

Question 21: **Correct**

What should be used to create scratch orgs?

- Workbench
- Salesforce CLI(**Correct**)
- Sandbox refresh
- Developer Console

Question 22: **Correct**

A developer wants to mark each Account in a List<Account> as either Active or Inactive based on the Last Modified Date field value being more than 90 days. Which Apex technique should the developer user?

- A Switch statement, with a for loop inside.
- A for loop, with an if/else statement inside.(**Correct**)

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

Question 23: **Correct**

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
- 1
- 2
- 6(**Correct**)

Question 24: **Correct**

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?

- 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.
- Mark the field as Required on the field definition. (**Correct**)
- Set a validation rule to enforce a value is selected.

Question 25: **Correct**

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

Question 26: Correct

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

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

Question 27: Correct

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

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

Question 28: Correct

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?

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

Question 29: **Correct**

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 (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) {
 - RequestLogic.validateRecords(trigger.new);
 - **}(Correct)**
}
- trigger RequestTrigger on Request__c (before insert) {
 - if (RequestLogic.isValid (Request__c))
 - RequestaddError('Your request cannot be created at this time.');
 - }
}

Question 30: **Correct**

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.

- Process Builder can be used to check the record criteria and send an outbound message without Apex 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. (**Correct**)
- Flow Builder can be used to check the record criteria and send an outbound message without additional code. (**Correct**)

Question 31: **Correct**

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

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

Question 32: **Correct**

An Approval Process is defined in the Expense_Report_c object. A business rule dictates that whenever a user changes the Status to 'Submitted' on an Expense_Report_c, all the Expense_Report_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_Report_c as submittable and the second on Expense_Report_c to submit the record for approval. (**Correct**)

- 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 an 'Apex' action type to submit all related Expense_Item__c record when the criteria is met.
- 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.

Question 33: **Correct**

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 Postal Code To TimeZone_c custom object.

How can a developer implement this feature?

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

Question 34: **Correct**

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 orgs
- Scratch orgs **(Correct)**
- Developer sandboxes
- Full Copy sandboxes

Question 35: **Correct**

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.
- Getter methods can pass a value from a controller to a page. (**Correct**)
- Setter methods are required to pass a value from a page to a controller.
- There is no guarantee for orders in which Getter or Setter methods are executed. (**Correct**)

Question 36: **Correct**

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?

- @TestSetup (**Correct**)
- @isTest (SeeAllData=true)
- @isTest (SeeAllData=true)
- @PreTest

Question 37: **Correct**

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 LeadId and ContactId fields on the standard Campaign Member object.
- The WhatId field on the standard Event object. (**Correct**)
- The ParentId field on the standard Account object.

Question 38: **Correct**

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?

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

Question 39: **Correct**

A development team wants to use a development 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 **(Correct)**
- VSCode **(Correct)**
- Change Sets
- Developer Console

Question 40: **Correct**

What are two use cases for executing Anonymous Apex code?

Choose 2 answers.

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

Question 41: **Correct**

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

Question 42: **Correct**

Which three data types can a SOQL query return?

Choose 3 answers.

- Double
- Long
- List**(Correct)**
- sObject**(Correct)**
- Integer**(Correct)**

Question 43: **Correct**

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.

- Use `Opportunity.SObjectType.getDescribe().getRecordTypeInfos()` to get a list of record types, and iterate through them until `isDefaultRecordTypeMapping()` is True. **(Correct)**
- Query the profile where the ID equals to `userInfo.getProfileID()` and then use the `Profile.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.

Question 44: **Correct**

Which two operations can be performed using a formula field?

Choose 2 answers.

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

Question 45: **Correct**

What is the result of the following code?

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

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

- The record will 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 no error will be reported. **(Correct)**
- The record will not be created and an exception will be thrown.

Question 46: **Correct**

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

Question 47: **Correct**

What is the result of the following code snippet?

```
Public void dowork(Account acct){  
    For (Integer i=0; i<=200; i++) {  
        Insert acct;  
    }  
}
```

- 201 Accounts are inserted.
- 0 Accounts are inserted.**(Correct)**
- 200 Accounts are inserted.
- 1 Account is inserted.

Question 48: **Correct**

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

- Triggers are executed alphabetically by trigger name.
- Triggers are executed in the order they are created.
- Trigger execution order cannot be guaranteed.**(Correct)**
- Triggers are executed in the order they are modified.

Question 49: **Correct**

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?

- Indirect Lookup
- Number with External ID(**Correct**)
- Direct Lookup
- Lookup

Question 50: **Correct**

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

Question 51: **Correct**

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

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

Question 52: **Correct**

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

Question 53: **Correct**

What are the three characteristics of changeset deployments?

Choose 3 answers.

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

Question 54: Correct

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

Question 55: **Correct**

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. (**Correct**)
- Change *theAccount* attribute to public.
- Add with sharing to the custom controller.
- Convert *the.Account.Type* to a String.

Question 56: **Correct**

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

Question 57: **Correct**

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. **(Correct)**
- Load data from a remote site with a callout.
- Execute anonymous Apex as a different user.

Question 58: **Correct**

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'))`
- `String.escapeSingleQuotes(ApexPages.currentPage().getParameters().get('url_param'))`
- `ApexPages.currentPage().getParameters().get('url_param').escapeHtml() (Correct)`
- `ApexPages.currentPage().getParameters().get('url_param')`

Question 59: **Correct**

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(**Correct**)

Question 60: **Correct**

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 with sharing class ContactController. (**Correct**)
- Public class ContactController.
- Public inherited sharing class ContactController. (**Correct**)
- Public without sharing class ContactController.

Question 61: **Correct**

Which two statements are accurate regarding Apex classes and interfaces?

Choose 2 answers.

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

Question 62: Correct

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; (**Correct**)
- static decimal DELIVERY_MULTIPLIER = 4.15;
- constant decimal DELIVERY_MULTIPLIER = 4.15;
- decimal DELIVERY_MULTIPLIER = 4.15;

Question 63: Correct

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. (**Correct**)
- Records created or updated by triggers represent the Model (M) part of the MVC framework. (**Correct**)

Question 64: Correct

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?

- Indirect lookup.
- Direct Lookup.
- Lookup.(Correct)
- Master-Detail.

Question 65: Correct

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);  
  
}
```

- Combine the two SELECT statements into a single SOQL statement.(Correct)
- 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 66: Correct

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?

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

Question 67: Correct

Which three steps allow a custom SVG to be included in a Lightning web component?

Choose 3 answers.

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

Question 68: Correct

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

Question 69: Correct

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

- `RemoteAction`
- `@AuraEnabled`
- `@RestResource(Correct)`
- `@HttpInvocable`

Question 70: **Correct**

Which two characteristics are true for Aura component events?

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. **(Correct)**
- By default, containers can handle events thrown by components they contain.
- If a container component needs to handle a component event, add a `handleFacets="true"` attribute to its handler. **(Correct)**

Question 71: **Correct**

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.

- Query for existing opportunities outside of the for loop. **(Correct)**
- Check if all the required fields for Opportunity are being added on creation.
- Use *Database.query* to query the opportunities.
- Move the DML that saves opportunities outside of the for loop. **(Correct)**

Question 72: **Correct**

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?

- Use lazy loading and a transient List variable.
- Implement pagination with an OffsetController.
- Implement pagination with a StandardSetController. **(Correct)**
- Use JavaScript remoting with SOQL Offset.

Question 73: **Correct**

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?

- Formula Field.
- Workflow Rule.
- Process Builder.
- Validation Rule. **(Correct)**

Question 74: **Correct**

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

Choose 2 answers.

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

Question 75: **Correct**

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

Question 76: **Correct**

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

Question 77: **Correct**

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.**(Correct)**
- Custom controller.
- Standard controller.

Question 78: **Correct**

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?

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

Question 79: **Correct**

Refer to the code below:

```
Const p1 = 3.1415926;
```

What is the data type of p1?

- Decimal
- Number**(Correct)**
- Float
- Double

Question 80: **Correct**

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_c
- Order_Shipment_Group_c object and master-detail field on Order_Line_c (**Correct**)
- Order_Shipment_Group_c object and master-detail fields to Order_c and Order_Line_c
- Order_Shipment_Group_c object and master-detail field on Order_Shipment_Group_c

Question 81: **Correct**

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 implements the HTTPCalloutMock interface. (**Correct**)
- Write a class that extends WebserviceMock.
- Write a class that extends HTTPCalloutMock.

Question 82: **Correct**

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

Which method signature should the developer use?

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

Question 83: **Correct**

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.
- Create helper classes to execute the appropriate logic when a record is saved. **(Correct)**
- Unify all three triggers in a single trigger on the *Expense__c* object that includes all events. **(Correct)**
- Unify the before insert and before update triggers and use Process Builder for the delete action.

Question 84: **Correct**

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

Choose 2 answers.

- Default**(Correct)**
- Emit
- Bubble**(Correct)**
- Control

Question 85: Correct

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>)  
JSON.deserialize(acctsJson, List<Account>.class);  
05  
06             // DML to insert accounts  
07         }  
08         // ... other code including getAccountsJson implementation  
09     }
```

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

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

Question 86: Correct

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

Choose 2 answers.

- Paused Flow Interviews component.
- Time-Based Workflow Monitor.
- Apex Flex Queue. **(Correct)**
- Apex Jobs. **(Correct)**

Question 87: **Correct**

What are two characteristics related to formulas?

Choose 2 answers.

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

Question 88: **Correct**

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?

- 11
- 10
- Null
- 1 **(Correct)**

Question 89: **Correct**

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.

- Create a static resource containing test data. **(Correct)**
- Use the `@isTest (isParallel=true)` annotation in the test class.
- Use the `@isTest (seeAllData=true)` annotation in the test class.
- Use `Test.loadData` to populate data in your test methods. **(Correct)**

Question 90: Correct

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 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".
- 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.(Correct)

Question 91: Correct

Which action may cause triggers to fire?

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

Question 92: Correct

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

- <apex:outText value="{\$CurrentPage.parameters.userInput}" />
- <apex:outputText escape="false" value="!&CurrentPage.parameter.usersInput" />(Correct)
- <apex:outputField escape=false" value="!ctrl.userInput" />
- <apex:outputField value="!ctrl.userInput" />

Question 93: Correct

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?

- 200
- 150
- 2000
- 20(**Correct**)

Question 94: Correct

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

Question 95: **Correct**

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(**Correct**)
- An outbound message
- An Apex controller
- An Apex REST class

Question 96: **Correct**

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 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.

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

Question 97: **Correct**

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.
- Flow Builder.**(Correct)**
- Process Builder
- Approval Process.

Question 98: **Correct**

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

Question 99: **Correct**

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?

- Developer Edition.
- Partner Developer Edition.
- Full Sandbox.
- Developer Sandbox. **(Correct)**

Question 100: **Correct**

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

Question 101: Correct

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?

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

Question 102: **Correct**

What does the Lightning Component framework provide to developers?

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

Question 103: **Correct**

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.
- The first Account returned is assigned to myAccount.
- The query fails and an error is written to the debug log.
- An unhandled exception is thrown and the code terminates.**(Correct)**

Question 104: **Correct**

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?

- A workflow rule field update will cause the custom validation to run again.
- Workflow rules will fire only after the trigger has committed all DML operations to the database.
- The flow may be launched multiple times.
- The trigger may fire multiple times during a transaction.**(Correct)**

Question 105: Correct

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

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

Question 106: Correct

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 controller extension with a custom controller.
- A standard controller with a custom controller.
- A custom controller by itself.(Correct)

Question 107: Correct

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?

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

Question 108: **Correct**

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;  
  
}
```

- 500
- 100
- 0(**Correct**)
- 150

Question 109: **Correct**

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. (**Correct**)
- Include a try/catch block to the Apex class.
- Perform a code review with another developer.
- Perform a code review with another developer.

Question 110: **Correct**

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

- VS Code.
- Developer Console.
- Salesforce CLI. (**Correct**)
- Execute Anonymous.

Question 111: **Correct**

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.
- Setup Menu.
- Developer console.**(Correct)**
- Visual Studio Code IDE.

Question 112: **Correct**

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

Choose 3 answers.

- \$Lightning.use**(Correct)**
- \$Lightning.createComponent**(Correct)**
- <apex:slds/>
- \$Lightning.useComponent
- <apex:includeLightning/>**(Correct)**

Question 113: **Correct**

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.
- Specify lightning_Community_Page_Layout as a target in the XML file.
- Ensure isExposed is set to true on the XML file.**(Correct)**
- Specify lightning_RecordPage as a target in the XML file.**(Correct)**

Question 114: **Correct**

Universal Containers wants Opportunities to no longer be editable when reaching the Closed/Won stage.

How should a developer accomplish this?

- Use Flow Builder.
- Mark fields as read-only on the page layout
- Use a validation rule. **(Correct)**
- Use the Process Automation. Settings.

Question 115: **Correct**

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

Question 116: **Correct**

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

Question 117: Correct

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

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

Question 118: Correct

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?

- 15
- 10
- 5(**Correct**)
- 6

Question 119: Correct

For which three items can a trace flag be configured?

Choose 3 answers.

- User.(Correct)
- Visualforce.
- Apex Class.(Correct)
- Process Builder.
- Apex Trigger.(Correct)

Question 120: Correct

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 prodId, Integer qty) {  
  
    Integer newInventoryAmt = getNewInventoryAmt (prodId, qty);  
  
    Product_c p = new Product_c (Id = prodId, 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);
 - insert 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);
 - EventBus.publish(ev);(**Correct**)

Question 121: **Correct**

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?

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

Question 122: **Correct**

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

- Partial Copy Sandbox.
- Developer Pro Sandbox.
- Full Sandbox. (**Correct**)
- Production.

Question 123: Correct

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

Choose 3 answers.

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

Question 124: Correct

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 4
- Example 2(**Correct**)
- Example 1(**Correct**)
- Example 3

Question 125: Correct

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

Question 126: Correct

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 *PurchaseOrderException* extends Exception {} **(Correct)**
- public class *PurchaseOrderException* implements Exception {}
- public class *PurchaseOrder* extends Exception {}
- public class *PurchaseOrder* implements Exception {}

Question 127: **Correct**

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.

- Salesforce Flow. **(Correct)**
- Process Builder. **(Correct)**
- Approval Process.
- Workflow Rules.

Question 128: **Correct**

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

Question 129: **Correct**

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 retrieved by SOQL queries.
- Total number of DML statements issued. **(Correct)**
- Total number of SOQL queries issued.
- Total number of records processed as a result of DML statements.

Question 130: **Correct**

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 implements PaymentProcessor {
 - Public void pay(Decimal amount) ()
 - **}(Correct)**
}
- public class CheckPaymentProcessor extends PaymentProcessor {
 - Public void pay(Decimal amount) ;
 - }
}
- public class CheckPaymentProcessor extends PaymentProcessor {
 - Public void pay(Decimal amount) ()
 - }
}

Question 131: **Correct**

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

Question 132: **Correct**

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

- Dev Hub. (**Correct**)
- Production.
- Sandbox.
- Environment Hub.

Question 133: **Correct**

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?

- 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 `Event bus.publish()` method and have the external system subscribe to the event using CometD. (**Correct**)
- Have the external system subscribe to the Batch Apex Error event, no publishing is necessary.
- Publish the error event using the `addError()` method and write a trigger to subscribe to the event and notify the external system.

Question 134: Correct

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

Question 135: Correct

Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records.

Which Visualforce feature supports this requirement?

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

Question 136: Correct

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?

- 2
- 4(**Correct**)
- 3
- 1

Question 137: Correct

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?

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

Question 138: **Correct**

A Licensed_Professional__c custom object exists in the system with two Master-Detail fields for the following objects: Certification__c and Contact. Users with the "Certification Representative" role can access the Certification records they own and view the related Licensed Professionals records, however users with the "Sales Representative" role report they cannot view any Licensed Professional records even though they own the associated Contact record.

What are two likely causes of users in the "Sales Representative" role not being able to access the Licensed Professional records?

Choose 2 answers.

- The organization recently modified the Sales Representative role to restrict Read/Write access to Licensed_Professional__c.**(Correct)**
- The organization has a private sharing model for Certification__c, and Contact is the primary relationship in the Licensed_Professional__c object.
- The organization recently modified the Sales Representative role to restrict Read access to Licensed_Professional__c.
- The organization has a private sharing model for Certification__c. and Certification__c is the primary relationship in the Licensed_Professional__c object.**(Correct)**

Question 139: **Correct**

Universal Containers 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(**Correct**)
- Lookup field from Opportunity to Engineering_Support_c
- Master-detail field from Opportunity to Engineering_Support_c
- Lookup field from Engineering_Support_c to Opportunity

Question 140: **Correct**

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?

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

Question 141: **Correct**

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

Choose 3 answers.

- Helper(**Correct**)
- Controller(**Correct**)
- Renderer(**Correct**)
- Style
- Design

Question 142: **Correct**

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 Process Builder on the Candidate_c object to map the records.
- Upload the CSV into a custom object related to Candidate_c.
- Create a before insert trigger to correctly map the records.
- Update the PrimaryId__c field definition to mark it as an External Id.**(Correct)**

Question 143: **Correct**

What are three capabilities of the <1tng:require> tag when loading JavaScript resources in Aura components?

Choose 3 answers.

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

Question 144: **Correct**

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

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

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

Question 145: **Correct**

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

Question 146: **Correct**

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 as public and use the global access modifier on the method.
- Declare the class as global and use the public access modifier on the method.
- Declare the class and method using the global access modifier.**(Correct)**
- Declare the class and method using the public access modifier.

Question 147: **Correct**

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

Question 148: **Correct**

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. **(Correct)**
- The try/catch block will handle any DML exceptions thrown.
- The transaction will succeed and changes will be committed.

Question 149: Correct

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. Custom Exception. Done.
- Querying Accounts. Query Exception. Done.(Correct)
- Querying Accounts. Custom Exception.
- Querying Accounts. Query Exception.

Question 150: Correct

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 Test menu on the Developer Console to run all test classes for the Contact trigger.(Correct)
- Use the Open Execute Anonymous feature on the Developer Console to run an 'insert Contact' DML statement.
- Use Deploy from the VSCode IDE to deploy an 'insert Contact' Apex class.

- Use the New button on the Salesforce Contacts Tab to create a new Contact record.

Question 151: **Correct**

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

Question 152: **Correct**

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

Question 153: **Correct**

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 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 a Visualforce page that performs the HTTP REST callout, and use a Visualforce quick action to expose the component on the Opportunity detail page.**(Correct)**
- Create a Lightning component that performs the HTTP REST callout, and use a Lightning Action to expose the component on the Opportunity detail page.**(Correct)**
- 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 Process Builder on the Opportunity object that executes an Apex immediate action to perform the HTTP REST callout whenever the Opportunity is updated.

Question 154: Correct

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_Application__c) FROM Contact WHERE Account.Industry = 'Technology');
 - (SELECT Id, (SELECT Id FROM Job_Applications__c) FROM Contact WHERE Accounts.Industry = 'Technology');
 - (SELECT Id, (SELECT Id FROM Job_Applications_r) FROM Contact WHERE Accounts.Industry = 'Technology');
 - (SELECT Id, (SELECT Id FROM Job_Applications_r) FROM Contact WHERE Account.Industry = 'Technology');
- (Correct)**

Question 155: Correct

Which exception type cannot be caught?

- No Access Exception.
- A Custom Exception.
- Limit Exception. **(Correct)**
- Callout Exception.

Question 156: **Correct**

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.

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

Question 157: **Correct**

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 CSV file.
- Use Test.loadData() and reference a static resource. **(Correct)**

Question 158: **Correct**

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-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-currency value="Salary_c">
 - </lightning-input-currency>
- <lightning-input type="number" value="Salary_c" formatter="currency">
- <lightning-formatted-number value="Salary_c" format-style="currency">
- <lightning-input-field field-name="Salary_c">
 - </lightning-input-field>(Correct)

Question 159: Correct

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?

- 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.
- Set the attribute enable Lightning to true in the definition.(Correct)

Question 160: Correct

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

- In the system debug log by filtering on Paused Flow Interview.
- In the Paused Interviews sections of the Apex Flex Queue.

- On the paused Flow Interviews component on the Home page.(Correct)
- On the Paused Flow Interviews related list for a given record.

Question 161: Correct

What are three benefits of using declarative customizations over code?

Choose 3 answers.

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

Question 162: Correct

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.(Correct)
- Process Builder.(Correct)
- Einstein Next Best Action.
- Record-Triggered Flow.

Question 163: Correct

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?

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

Question 164: **Correct**

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

Choose 2 answers.

- apex:page controllers="Account, myControllerExtension"
- apex:page controller="Account" extensions="myControllerExtension" **(Correct)**
- apex:page standardController="Account" extensions="myControllerExtension" **(Correct)**
- apex:page=Account extends="myControllerExtension"

Question 165: **Correct**

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?

- Messaging.
- Exception.
- Org Limits.
- Limits. **(Correct)**

Question 166: **Correct**

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

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

Question 167: **Correct**

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?

- @future
- @InvocableMethod(**Correct**)
- @AuraEnabled
- @RemoteAction

Question 168: **Correct**

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.

- SOSL is faster for text searches. (**Correct**)
- SOQL is faster for text searches.
- SOQL is able to return more records. (**Correct**)
- SOSL is able to return more records.

Question 169: **Correct**

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

Question 170: **Correct**

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

Choose 2 answers.

- Force:data:tree:import (**Correct**)
- Force:data:async:upsert
- Force:data:bulk:upsert (**Correct**)
- Force:data:object:create

Question 171: **Correct**

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?

- @InvokableMethod

- Global staticList<List<Recommendation>> getLevel(List<ContactWrapper> input)
 - { /*implementation*/ }**(Correct)**
- @InvocableMethod
 - Global static ListRecommendation getLevel(List<ContactWrapper> input)
 - { /*implementation*/ }
- @InvocableMethod
 - Global List<List<Recommendation>> getLevel(List<ContactWrapper> input)
 - { /*implementation*/ }
- @InvocableMethod
 - Global Recommendation getlevel(ContactWrapper input)
 - { /*implementation*/ }

Question 172: **Correct**

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 <target>lightning_RecordPage</target> to the statusComponent.js-meta.xml file.**(Correct)**
- Add <target>lightning_RecordPage</target> to the statusComponent.js file.
- Add <masterLabel>Account</masterLabel> to the statusComponent.js-meta.xml file.
- Add <isExposed>true</isExposed> to the statusComponent.js-meta.xml file.**(Correct)**

Question 173: **Correct**

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. (**Correct**)
- View the apex Jobs page. (**Correct**)
- View the apex flex Queue.
- View the apex status Page.

Question 174: Correct

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(thisContact.OwnerId == UserInfo.getUserId())`
- Use `if(Schema.sObjectType.Contact.IsAccessible())`
- Use `if(Schema.sObjectType.Contact.fields.Is_Active_c.isUpdateable())`(**Correct**)
- Use `if(Schema.sObjectType.Contact.isUpdatable())`(**Correct**)

Question 175: Correct

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 page.
- Override the account's edit button with a Lightning action.
- Override the account's edit button with a lightning flow.
- Override the account's edit button with a lightning component. **(Correct)**

Question 176: **Correct**

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=true)
 - Public static List<Opportunity> search (String term) { /* implementation */ } **(Correct)**
- @AuraEnabled (cacheable=true)
 - Public List<Opportunity> search (String term) { /* implementation */ }
- @AuraEnabled (cacheable=false)
 - Public List<Opportunity> search (String term) { /* implementation */ }
- @AuraEnabled(caceable=false)
 - Public static List<Opportunity> search (String term) { /* implementation */ }

Question 177: **Correct**

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 this Lead : 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 transaction will succeed and the full result set changes will be committed to the DB.(**Correct**)
- 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 first ten thousand records will be committed to the DB.

Question 178: **Correct**

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

Question 179: **Correct**

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

- Asynchronous Data Capture Events
- Event Monitoring Log. (**Correct**)
- Developer Log.
- Calendar Events.

Question 180: **Correct**

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.(Correct)

Question 181: Correct

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

Question 182: Correct

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

- <aura:application access="GLOBAL">
 - <aura:dependency resource="c:accountList"/>
 - </aura:application>
- <aura:component access="GLOBAL">
 - <aura:dependency resource="c:accountList"/>
 - </aura:component>
- <aura:component access="GLOBAL" extends="1tng:outApp">

- <aura:dependency resource="c:accountList"/>
 - </aura:component>
- <aura:application access="GLOBAL" extends="1tng:outApp">
 - <aura:dependency resource="c:accountList"/>
 - </aura:application>(Correct)

Question 183: Correct

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 = [FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead];(Correct)
- 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];

Question 184: Correct

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.(Correct)
- Read access on the primary relationship.
- Read/Write access on the junction object.
- Read/Write access on the primary relationship.(Correct)

Question 185: Correct

Which three statements are true regarding custom exceptions in Apex?

Choose 3 answers.

- A custom exception class must extend the system Exception class.(Correct)

- A custom exception class cannot contain member variables or methods.
- A custom exception class can extend other classes besides the Exception class.
- A custom exception class name must end with 'Exception'.(**Correct**)
- A custom exception class can implement one or many interfaces.(**Correct**)

Question 186: **Correct**

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?

- Use the Streaming API to create real-time roll-up summaries.
- 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.(**Correct**)
- Write a Process Builder that links the custom object to the Opportunity.

Question 187: **Correct**

Which aspect of Apex programming is limited due to multitenancy?

- The number of methods in an Apex class.
- The number of active Apex classes.
- The number of records processed in a loop.
- The number of records returned from database queries.(**Correct**)

Question 188: **Correct**

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") {  
        thisAkccount.ls_Tech_¢ = true;
```

```
}

update thisAccount;

}
```

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

- 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.
- 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. **(Correct)**

Question 189: **Correct**

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

Choose 3 answers.

- Metadata API
- Setup Menu **(Correct)**
- Bulk API
- Salesforce DX **(Correct)**
- Tooling API **(Correct)**

Question 190: **Correct**

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"?

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

Question 191: **Correct**

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?

- Master-detail field from Applicant to job.
- Lookup field from Applicant to Job.
- Junction object between Applicant and job.(**Correct**)
- Formula field on Applicant that references Job.

Question 192: **Correct**

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()(**Correct**)
- accountRec.sObjectType.isDeleteable()
- Account.isDeletable()

Question 193: **Correct**

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:pageMessage severity="info" />
- <apex:Message for="info" />
- <apex:facet name="Messages" />
- <apex:pageMessages />(Correct)

Question 194: Correct

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

Question 195: Correct

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?

- lightning-flow
- aura-flow
- aura:flow
- lightning:flow(Correct)

Question 196: Correct

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.

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

Question 197: Correct

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?

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

Question 198: Correct

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?

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

Question 199: Correct

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 prodId, Integer qty) {  
  
    Integer newInventoryAmt = getNewInventoryAmt(prodId, qty);  
  
    Product_c p = new Product_c (Id = prodId, 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_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;`
- `InventoryReductionEvent_e ev = new InventoryReductionEvent_e (ProductId_c = prodId, Reduction_c =qty);`
 - `EventBus.publish(ev);`(Correct)

Question 200: **Correct**

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?

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

Question 201: **Correct**

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

Choose 2 answers.

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

Question 202: **Correct**

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

- Enforced best practices for development. **(Correct)**
- Default out-of-the-box configuration.
- Unlimited processing power and memory.
- Access to predefined computing resources.

Question 203: Correct

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
- 3
- 2(**Correct**)
- 1

Question 204: Correct

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...*/*
 - *webservice static String updateRecords() /*implementation...*/*
 - *}*
- *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...*/;*
 - **}*(Correct)***

Question 205: **Correct**

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

Choose 3 answers.

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

Question 206: **Correct**

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.

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

Question 207: **Correct**

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.

- extensions(**Correct**)
- action(**Correct**)
- readOnly
- renderAs
- standardController(**Correct**)

Question 208: **Correct**

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.

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

Question 209: **Correct**

What can be developed using the Lightning Component framework?

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

Question 210: **Correct**

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

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

Question 211: **Correct**

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 a CEILING formula on each of the latest availability date fields.
- Use a MAX Roll-Up Summary field on the latest availability date fields. **(Correct)**
- Use the LATEST 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.

Question 212: **Correct**

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.

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