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

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

2. 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? **break;**

3. 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.

4. Which aspect of Apex programming is limited due to multitenancy?
The number of records returned from database queries

Commented [HP1]: The **query** locator can **return** upto 50 million **records** and should be used in instances where you want to batch a high volume of data up (pagination or batch apex).

Commented [HP2]: Governor limits:

1. per transaction

Only 150 DML statements
100 SOQL queries
50000 records for a query

https://www.sfdcpoint.com/salesforce/salesforce-governor-limits/

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**

6. 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*/    }
```

Commented [HP3]: @Invocable method are called with REST API and used to invoke a single Apex method.

Invocable methods have dynamic input and output values and support describe calls

```
@InvocableMethod(label='yourLabel' description='yourDescription')
```
All modifiers are optional.

7. 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

8. 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

a.
```
String query = 'SELECT Id FROM Account WHERE Name LIKE \ '%' +
String.escapeSingleQuotes(name) + '%''
List<Account> results = Database.query(query);
```

Commented [HP4]: Dynamic query so use escape single quotes

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

Commented [HP5]: Bind variables – as it is static query

9. 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**

10. Which code displays the content of Visualforce page as PDF?
<apex:page renderAs="pdf">

11. 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**

Commented [HP6]:
Automation tools – workflow, process builder and flows
- The only automation tools that takes User input is flow
- If not flow then can be done wither through code lightning component.

12. What does the Lightning Component framework provide to developers?
Prebuilt components that can be reused

13. Which three operations affect the number of times a trigger can fire?
Choose 3 answers
a. Workflow Rules
b. Process Flows
c. Roll-up Summary fields

14. Which two are phases in the Salesforce Application Event propagation framework?
Choose 2 answers
a. Bubble
b. Default

Commented [HP7]: Application Event Propagation
The framework supports *capture, bubble,* and *default* phases for the propagation of application events.

15. 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*/}
}

Commented [HP8]: If we use interface all the methods in it must be implemented

16. 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 governor limits

17. 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) {
if(RequestLogic.isValid(Request)}
Request.addError('Your request cannot be created at this time.');

18. 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

19. Which exception type cannot be caught? **LimitException**

20. A developer needs to confirm that a Contact trigger works correctly without changing the organizations 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

21. 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)

22. Which three steps allow a custom SVG to be included in a Lightning web component?
Choose 3 answers
a. Upload the SVG as a static resource
b. Import the static resource and provide a getter for it in JavaScript
c. Reference the getter in the HTML template

Commented [HP9]:
SVG
stands for Scalable Vector Graphics. It is a custom icon resource for components used in Lightning App Builder or Community Builder.

23. Which process automation should be used to send an outbound message without using Apex code? **Workflow Rule**

Commented [HP10]: Workflow rule does 4 actions : email alert, field update, outbound message, task creation

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?
ApexPages.currentPage().getParameters().get('url_param').escapeHtml4()

25. Where are two locations a developer can look to find information about the status of asynchronous or future calls?
Choose 2 answers
a. Apex Jobs
b. Apex Flex Queue

Commented [HP11]: The Apex Flex Queue page lists all batch jobs that are in Holding status

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

Commented [HP12]: Roll up only for master detail relationship not for lookup

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
a. Process Builder
b. Workflow Rule
c. Visual flow/ Flow Builder

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

Commented [HP13]: Database.savepoint give information about the state of the database at that time

32. Which three data types can a SOQL query return? Choose 3 answers
a. Integer
b. sObject
c. 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”>

Commented [HP14]: Look and fell => style sheets

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

Commented [HP15]: Order of execution is – before triggers, after triggers and then workflows

Explanation – first trigger after insert will occur as soon as account is inserted then as no update so not after update After that workflow is executed and as it may update any field so, after update trigger is fired again to check.

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

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

A. Relationships
B. Custom Objects and Fields
C. 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
A. Tooling API
B. Setup Menu
C. 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

A. Use the final keyword and assign its value when declaring the variable.
B. Use the final keyword and assign its value in the class constructor.

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 Lookup field on the Account object to the Global Address 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 use System.assert(false) if the variable is empty.

49. 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

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 answers

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

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

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

Commented [HP16]: •The invocable method must be static and public or global, and its class must be an outer class.
•Only one method in a class can have the InvocableMethod annotation.
•Other annotations can't be used with the InvocableMethod annotation.

https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_annotation_InvocableMethod.htm

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

A. All triggers must have at least 1% test coverage.

B. 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

60. 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;

61. What will be the output in the debug log in the event of a QueryExeption 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

62. 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

63. A developer must create a shippingCalcultaor 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 calculator() {/*implementation*/ }

Commented [HP17]: An abstract method is declared only to enforce the implementation of the method. Any class that inherits an abstract class must definitely override the parent abstract Method, or else the compiler run through an error. For the actions performed by the child class, we go to abstract classes.

64. 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.

Commented [HP18]: Static variables are variables that belong to an overall class, not a particular object of a class. Think of a static variable to be like a global variable – its value is shared across our entire org.

Final variables can only be assigned a value once, either when you declare a variable or inside a constructor. You must assign a value to it in one of these two places.

To define a constant, mark a variable as both static and final.

65. Which salesforce org has a complete duplicate copy of the production org including data and configuration? **Full Sandbox**

66. A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the platform governor limit. **{//Some Code//**

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

67. Universal Containers stores orders and line Items in SalesForce. 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? **Master-Detail**

Commented [HP19]: We need sum of order amount so we need to do roll up summary field so master detail

68. Which three statements are true regarding custom exceptions in Apex?
A. Custom Exception class name must end with 'Exception'
B. Custom Exception class must extend the system Exception class
C. Custom Exception class can implement one or many Interfaces

69. 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

70. A developer has a Visualforce 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.

Commented [HP20]: A message for a specific component, such as a warning or error.
An <apex:message> or <apex:messages> component is not included in a page, most warning and error messages are only shown in the debug log.

71. 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

72. 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?

Commented [HP21]: best practice :
One trigger for one object
Logic-less trigger

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

B. unify all three triggers in a single trigger on the expense__c object that includes all event

73. 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.

Commented [HP22]: salesforce standard import wizard does not support for all standard object.
If you want to import opportunity or other standard object you can use any of below following tools

1. DataLoader [recommended]
- https://developer.salesforce.com/page/Data_Loader
2. Workbench
- https://workbench.developerforce.com/login.php
3. Dataloader.io - https://dataloader.io/

74. Universal Containers wants a list button to display a VF page that allows users to edit multiple records. Which Visualforce feature supports this requirement?
recordSetVar page attribute

75. 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?
Collect the insert method return value in a SaveResult record.

76. what are two advantages of implementing the view layer of a SF application using aura component based development over VF?
A. Self-contained and reusable units of an application
B. rich component ecosystem

77. 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 schema describe calls to determine if the logged-in users has access to the Account object.

78. A developer must create a creditcardpayment class that provides an implementation of an existing payment class. **{// Some Code//}**
Which is the correct implementation.
Public class creditcardpayment extends payment {
public override void makepayment(decimal amount) {/*implementation*/}

79. 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>

80. 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*/}

81. If Apex code executes inside the execute() method of an apex class when implementing the Batchable interface, which two statements are true regarding governor limits?
Choose 2 answers
A. The Apex governor limits might be higher due to the asynchronous nature of the transaction
B. The Apex governor limits are reset for each iteration of the execute() method.

82. What should be enabled for working of Scratch org? **Developer hub (Dev Hub)**

83. 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

Commented [HP23]: Salesforce has a limit on the number of DML statements per transaction. The limit is 150.

As we are trying to insert here 500 accounts after inserting 150th account the Governor limits is exceeded and thus the entire transaction is rolled back, and an error stating is generated

84.

```
Boolean odk;
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

Commented [HP24]: Here Boolean odk is just declared no value is assigned to it. Thus, enters last elseif condition
X=4

85. What are the three languages used in the visualforce page? **JavaScript, CSS, HTML**

86. What are the methods used to show input in classic and lightning ?
Use visualforce page in classic and lightning component in lightning

87. Which three code lines are required to create a Lightning component on a Visualforce page?
Choose 3 answers.
A. <apex:includeLightning/>
B. $Lightning.createComponent
C. $Lightning.use

88. 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**

89. Order of execution in salesforce
Validation rule, Trigger, Workflow, Process builder, Commit

90. 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?

Commented [HP25]: Bulkify the code and DML statements outside the loop

```
Public Static void setBusinessUnitToEMEA(List<contact> contacts) {
for (contact thisContact : contacts) {
thisContact.Business_Unit__c = 'EMEA' ;
}
update contacts;
}
```

91. 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

92. An approval Process is defined in the Expense_Item___c object. A business rule indicates that whenever a user changes the status to 'submitted' on an Expense_Report__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.

93. 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?
A. Public inherited sharing class ContactController.
B. Public with sharing class ContactController.

94. 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

95. 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

Commented [HP26]: Total Apex code coverage is atleast 75%
Apex trigger code coverage atleast 1%

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

A. View the Apex Jobs page

B. View the Apex Flex Queue.

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

By providing device-awareness for mobile and desktops

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

A. Tooling API

B. Developer console

99. 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.

100. 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 n other automation logic is implemented on the Account? **3**

Commented [HP27]: Order of execution
Before triggers
Then workflows

When account created – first workflow runs count =1
Then after update – before update count =2
Workflow update count=3

101. A licensed_professional__c custom object exists in the system with two mater-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 Representative' role not being able to access the licensed professional records?
Choose 2 answers

A. The organization's sharing rules for Licensed_Professional__c have not finished their recalculation process.

B. The organization has a private sharing model for Certification__c and Certification__c is the primary relationship in the Licensed-Professional__c object.

102. 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.

103. Which two operations can be performed using a formula field?
A. Displaying an Image based on the Opportunity Amount.
B. Calculating a score on a Lead based on the information from another field.

104. What is the order of operations when a record is saved in Salesforce?
Triggers, Workflow, Process flows, Commit

105. What are the two ways a developer can get the status of enqueued job for a class that queueable interface?
Choose 2 answers
A. View the Apex Jobs Page
B. Query the AsyncApexJob object

106. 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()**

107. How should a developer write unit tests for a private method in an Apex class?
Use the TestVisible annotation

108. When using SalesforceDX, what does a developer need to enable to create and manage scratch orgs? **Dev Hub**

109. In terms of MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Aura component-based development over Visualforce?
Choose 2 answers
A. Self-contained and reusable units of an application
B. Rich component ecosystem

110. What should be used to create scratch orgs? **Salesforce CLI**

111. Which two are best practices when it comes to 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. Handle low-level events in the event handler and re-fire them as higher-level events.

112. A developer must provide a custom user interface when users edit a Contact. Users must be able to use the interface in Salesforce Classic and Lightning Experience
What should the developer do to provide the custom user interface?

Override the Contact's Edit button with a Visualforce page in Salesforce Classic and Lightning component in Lightning Experience.

113. A developer considers the following snippet of code:

{//Some Code//}

Based on this code, what is the value of x? 4

114. 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**

115. 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.

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

A. HTML

B. CSS

C. JavaScript

Universal Containers stores Orders and Line Items is 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. Direct Lookup
C. Lookup
D. Indirect Lookup

C. Lookup

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

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

C. Developer and Developer Pro sandboxes have different storage limits.
D. Bulk API can be used to import large data volumes in development environments without bypassing the storage limits.

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. Test.setCurrentPage(pageRef);
B. public ExtendedController(ApexPages.StandardController cntrl) {}
C. ApexPages.currentPage().getParameters().put('input', 'testValue');
D. insert pageRef;
E. String nextPage = controller.save().getUrl();

B. public ExtendedController(ApexPages.StandardController cntrl) {}
C. ApexPages.currentPage().getParameters().put('input', 'testValue');
E. String nextPage = controller.save().getUrl();

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 (after insert) {
if (RequestLogic.isValid(Request__c))
Request.addError('Your request cannot be created at this time.');
}
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 (before insert) {
RequestLogic.validateRecords{trigger.new};
}
D. trigger RequestTrigger on Request__c (after insert) {
RequestLogic.validateRecords{trigger.new};
}

C. trigger RequestTrigger on Request__c (before insert) {
RequestLogic.validateRecords{trigger.new};
}

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

D. The number of records returned from database queries

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. A custom controller
C. Standard controller methods
D. Visualforce page JavaScript

C. Standard controller methods

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 class ContactController
C. public with sharing class ContactController

D. public inherited sharing class ContactController

C. public with sharing class ContactController
D. public inherited sharing class ContactController

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

A. List<List <sObject>> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);
B. List<List <sObject>> searchList = (SELECT Name, ID FROM Contact, Lead WHERE Name like '%ACME%');
C. Map <sObject> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);
D. List <sObject> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);

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

The values 'High', 'Medium', and 'Low' are identified as common values for multiple picklists across different objects.
What is an approach a developer can take to streamline maintenance of the picklists and their values, while also restricting the values to the ones mentioned above?

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

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

10) 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) {}
}
```

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

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

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

A. A method using the @InvocableMethod annotation must define a return value.

B. A method using the @InvocableMethod annotation can be declared as Public or Global.
C. A method using the @InvocableMethod annotation must be declared as static.

A developer needs to join data received from an integration with an external system with parent records in Salesforce. The data set does not contain the Salesforce IDs of the parent records, but it does have a foreign key attribute that can be used to identify the parent.
Which action will allow the developer to relate records in the data model without knowing the Salesforce ID?

A. Create and populate a custom field on the parent object marked as Unique.
B. Create a custom field on the child object of type Foreign Key.
C. Create a custom field on the child object of type External Relationship.
D. Create and populate a custom field on the parent object marked as an External ID.

D. Create and populate a custom field on the parent object marked as an External ID.

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

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

B. Event Monitoring Log

Which exception type cannot be caught?

A. NoAccessException
B. A Custom Exception

C. LimitException
D. CalloutException

C. LimitException

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 Account records contain Vendor roll-up summary fields.
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 Vendor object must use a Master-Detail field for reporting.

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

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

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

B. fireEvent()

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

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

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

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

C. Unify all three triggers in a single trigger on the Expense__c object that includes all events.
D. Maintain all three triggers on the Expense__c object, but move the Apex logic out of the trigger definition.

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

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

20. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.
Which two tools can they use to run a script that deploys to a sandbox?
Choose 2 answers

A. Developer Console
B. Change Sets
C. Ant Migration Tool
D. SFDX CLI

C. Ant Migration Tool
D. SFDX CLI

What can be developed using the Lightning Component framework?

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

D. Single-page web apps

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

B. If executed in a synchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.
D. If executed in an asynchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

What should be used to create scratch orgs?

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

B. Salesforce CLI

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 @TestVisible to allow the test method to see the standard price book.
B. Use Test.loadData() and a static resource to load a 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.

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

Which two are phases in the Salesforce Application Event propagation framework?
Choose 2 answers

A. Default
B. Control
C. Bubble
D. Emit

C. Bubble
D. Emit

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. Create a controller extension.
C. Use the <apex:include>tag.
D. Add a method to the standard controller.

A. Use the <apex:relatedList>tag.

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

A. <lightning-input type="number" value="Salary__c" formatter="currency">
</lightning-input>

For which three items can a trace flag be configured?
Choose 3 answers

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

B. Process Builder
D. Apex Class
E. Apex Trigger

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

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

C. Workflow Rule

30) Which two statements accurately represent the MVC framework implementation in Salesforce?
Choose 2 answers

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

C. Validation rules enforce business rules and represent the Controller (C) part of the MVC framework.
D. Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.

A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. The field update in the workflow rule is configured to not re-evaluate workflow rules.
What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

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

C. 3

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

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

C. View the Overall Code Coverage panel of the Tests tab in the Developer Console.

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 is as an External Id.
D. Upload the CSV into a custom object related to Candidate__c.

C. Update the PrimaryId__c field definition to mark is as an External Id.

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

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

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

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. Messaging
B. Limits
C. OrgLimits
D. Exception

B. Limits

When a user edits the Postal Code on an Account, a custom Account text field maned “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 Approval Process.

B. Build an Account custom Trigger.
C. Build an Account Assignment Rule.
D. Build an Account Workflow Rule.

B. Build an Account custom Trigger.

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

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

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 public and use the global access modifier on the method.
B. Declare the class and method using the global access modifier.

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

B. Declare the class and method using the global access modifier.

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 the New button on the Salesforce Contacts Tab to create a new Contact record.
C. Use the Test menu on the Developer Console to run all test classes for the Contact trigger.
D. Use Deploy from the VSCode IDE to deploy an 'insert Contact' Apex class.

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

40. 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. Setup Menu
C. Visual Studio Code IDE
D. AppExchange

A. Developer Console

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

B) <aura:application access=”GLOBAL” extends=”ltng:outApp”>
<aura:dependency resource=”c:accountList”/>
</aura:application>

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

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

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

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

B. All triggers must have at least 1% test coverage.
C. All Apex code must have at least 75% test coverage.

Which two characteristics are true for Aura component events?
Choose 2 answers

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

C. The event propagates to every owner in the containment hierarchy.
D. Calling event.stopPropagation() may or may not stop the event propagation based of the current propagation phase.

Which three web technologies can be integrated into a Visualforce page?
Choose 3 answers

A. CSS
B. HTML

C. Java
D. JavaScript
E. PHP

A. CSS
B. HTML
D. JavaScript

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

D. FIND 'Universal Containers' IN CompanyName Fields RETURNING lead(Id, name), account(id, name), contact(id, name)

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?

A. SELECT ID FROM Trainer__c WHERE Gym__r.Name = 'Viridian City Gym'
B. SELECT Id, (SELECT Id FROM Trainers__c) FROM Gym__c WHERE Name = 'Viridian City Gym'
C. SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'
D. SELECT Id, (SELECT Id FROM Trainer__c) FROM Gym__c WHERE Name = 'Viridian City Gym'

C. SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'

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;
}
}
```

A. Querying Accounts. Custom Exception.
B. Querying Accounts. Custom Exception. Done.
C. Querying Accounts. Query Exception.
D. Querying Accounts. Query Exception. Done.

B. Querying Accounts. Custom Exception. Done.

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.isUpdatable())
C. Use if(Schema.sObjectType.Contact.isAccessible())
D. Use if(thisContact.OwnerId == UserInfo.getUserId())

A. Use if(Schema.sObjectType.Contact.isUpdatable())
B. Use if(Schema.sObjectType.Contact.fields.is_Active__c.isUpdatable())

50) 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 abstract 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 virtual void calculate() { /*implementation*/ }
}

D. public abstract class ShippingCalculator {
public virtual void calculate() { /*implementation*/ }
}

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

B. Override the Account's Edit button with a Lightning component.

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. Set a validation rule to enforce a value is selected.
C. Mark the field as Required on the field definition.
D. Mark the field as Required on the object's page layout.

C. Mark the field as Required on the field definition.

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

C. Add a new Update Records element.

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

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

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

C. SOQL is faster for text searches.
D. SOQL is able to return more records.

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 records related to the expense report must enter the approval process individually.
Which approach should be used to ensure the business requirement is met?

A. Create a Process Builder on Expense_Report__c with a 'Submit for Approval' action type to submit all related Expense_Item__c records when the criteria is met.
B. 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.
C. 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.
D. 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.

A. 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.

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

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

C. null

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

A. @wire(getAccounts, { searchTerm: '$searchTerm' })
accountList;

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. Process Builder
B. Formula Field
C. Validation Rule
D. Workflow Rule

C. Validation Rule

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

A. Workflows can be used to check the record criteria and send an outbound message.
B. Process builder can be used to check the record criteria and then call Apex Code.
E. Approval Process has the capability to check the record criteria and send an outbound message without Apex Code.

A Lightning component has a wired property, searchResults, that stores a list of Opportunities.
Which definition of the Apex method, to which the searchResults property is wired, should be used?

A. @AuraEnabled (cacheable=false)
public static List<Opportunity> search(String term) { /*implementation*/ }
B. @AuraEnabled (cacheable=true)
public static List<Opportunity> search(String term) { /*implementation*/ }
C. @AuraEnabled (cacheable=true)
public List<Opportunity> search(String term) { /*implementation*/ }
D. @AuraEnabled (cacheable=false)
public List<Opportunity> search(String term) { /*implementation*/ }

B. @AuraEnabled (cacheable=true)
public static List<Opportunity> search(String term) { /*implementation*/ }

A developer wrote Apex code that calls out to an external system.
How should a developer write the test to provide test coverage?

A. Write a class that implements the HTTPCalloutMock interface.
B. Write a class that extends WebserviceMock.
C. Write a class that implements WebserviceMock.
D. Write a class that extends HTTPCalloutMock.

A. Write a class that implements the HTTPCalloutMock interface.

What are three capabilities of the <ltng:require> tag when loading JavaScript resources in Aura components?
Choose 3 answers

A. One-time loading for duplicate scripts
B. Loading files from Documents
C. Loading externally hosted scripts
D. Specifying loading order
E. Loading scripts in parallel

A. One-time loading for duplicate scripts
C. Loading externally hosted scripts
D. Specifying loading order

A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modified 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?

A. 2
B. 1
C. 4
D. 8

C. 4

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

A. The transaction will fail due to exceeding the governor limit.

Questions and Answers – PD 1 WIN20

- **1.**

  In which two trigger types can a developer modify the new sObject records that are obtained by the trigger.new context? Choose 2 answers

  Before update

  Before insert

- **2.**

  A developer wants multiple test classes to use the same set of test data. How should the developer create the test data?

  Use the seealldata=true annotation in each test class

- **3.**

  Account acct = {SELECT Id from Account limit 1}; Given the code above, how can a developer get the type of object from acct?

  - A.

  Call "acct.getsObjectType()"

- **4.**

  Which two statement can a developer use to throw a custom exception of type MissingFieldValueException?Choose 2 answers

  Throw new MissingFieldValueException('Problem occurred');

  Throw new MissingFieldValueException();

- **5.**

  Given the code block: Integer x; for (x=0;x<10;x+=2) { if(x==8) break; if(x==10) break; } system.debug(x); Which value will the system.debug statement display?

  8

- **6.**

  Which three statements are accurate about variable scope? Choose 3 answers

  Discuss

  Parallel blocks can reuse the same variable name

  A variable can be declarated at any point in a block

  A sub-block can reuse a parent block's variable name if it is not static

- **7.**

To which primitive data type is a text area (rich) field automatically assigned?

String

- **8.**

Which three methods help ensure quality data?

Create a lookup filter

Sending an email alert using a workflow rule

Adding a validation rule

- **9.**

Which standard field is required when creating a new contact record?

LastName

- **10.**

From which 2 locations can a developer determine the overall code coverage for a sandbox?

The apex text Execution page

The tests tab of the developer console

- **11.**

A visualforce page uses the contact standard controller. How can a developer display the name from the parent account record on the page?

Use the {!contact.account.name} merge field syntax

- **12.**

Which type of code represents the view in the MVC architecture on the Force.com platform?

A visualforce page that dysplays information about case records by iterating over a list of cases

- **13.**

What is the data type returned by the following SOSL search? {FIND 'Acme*' in name fields returning account,opportunity};

List<List<sObject>>

- **14.**

A developer runs the following anonymous code block in a Salesforce org with 100 accounts List acc= {select id from account limit 10}; delete acc; database.emptyrecyclebin(acc); system.debug(limits.getlimitqueries()+' ,'+Limits.getlimitDMLStatements()); What is the debug output?

100, 150

- **15.**

  A developer needs to save a list of existing account records named myaccounts to the database, but the records do not contain salesforce id values. Only the value of a custom test field configured as an external id with name of foreign_key__c is know. which two statemetn enable the developer to save the records to the database without an id

  Database.upsert(myaccount, foreign_key__c);

  Upsert myaccounts foreign_key__c;

- **16.**

  A developer is notified that a text field is being automatically populated with invalid values.however, this should be prevented by a custom validation rule that is in placewhat could be causing this?

  The field is being populated by a workflow field update

- **17.**

  A developer is creating an enhancement to an application that will allow people to be related to their employer. Which data model provides the simplest solution to meet the requirements?

  Create a lookup relationship to indicate that a person has an employer

- **18.**

  Which two queries can a developer use in a Visualforce controller to protect against SOQL injection vulnerabilities?

  - A.

    String qryname=String.escapesinglequotes(name); string qrystring='select id from contact where name like \'%'+ qryname + '%\''; list<contact> queryresult =database.query(qrystring);

  - C.

    String qryname='%'+name+'%'; string qrystring = 'select id from contact where name like :qryame'; list <contact> queryresult =database.query(qrystring);

- **19.** Potential home buyers working with a real estate company can make offers on multiple properties that are listed with the real estate company. Offer amounts can be modified; however, the property that has the offer cannot be modified after the offer is placed. What should be done to associate offers with properties in the schema for the organization?

  Create a master-detail relationship in the offer custom object to the property custom object

- **20.**

  What are two benefits of the lightning component framework? Choose 2 answers

  It provides an event-driven architecture for better decoupling between components

  It promotes faster development using out-of-the-box components that are suitable for desktop and mobile devices

- **21.**

  What is the debug output of the following apex code? Decimal thevalue; system.debug(thevalue);

  Null

- **22.**

  Given the code below, what can be done so that recordcount can be accessed by a test class, but not by a non-test class? Public class mycontroller{ private integer recordcount; }

  Add the testvisible annotation to recordcount

- **23.**

  An apex trigger fails because it exceeds governor limits. Which two techniques should a developer use to resolve the problem? Choose 2 answers

  Use maps to reference related records

  Use lists for all DML operations

- **24.**

  How can a developer set up a debug log on a specific user?

  Set up a trace flag for the user, and define a logging level and time period for the trace

- **25.** A developer needs to update an unrelated object when a record gets saved. Which two trigger types should the developer create?

  Before update

  Before insert

- **26.**

  What can used to delete components from production?

  An ant migration tool deployment with destructivechanges xml file and the components to delete in the package .xml file

- **27.**

  Given the code below, which three statements can be used to create the controller variable? Public class accountlistcontroller{ public list<account>getaccounts(){ return controller.getrecords(); } } Choose 3 answers

  Apexpages.standardsetcontroller controller=new apexpages.standardsetcontroller(database.getquerylocator('select id from account'));

  Apexpages.standardsetcontroller controller = new apexpages.standardsetcontroller (database.query('select id from account'));

Apexpages.standardsetcontroller controller = new apexpages.standardsetcontroller (database.getquerylocator([select id from account]));

- **28.**

  Which three statements are true regarding the @istest annotation? Choose 3 answers

  Discuss

  A method annotated @istest (seealldata=false) in a class annotated @istest ***(seealladata=true) has access to all org data***

  Profiles are visible in a test even if a class is annotated @istest (seealldata=false)

  A class containing test methods counts toward the apex code liit regardless of any @istest annotation

- **29.**

  Candidates are reviewed by four separate reviewers and their comments and scores which range from 1 (lowest) to 5 (highest) are stored on a review record that is a detail record for a candidatewhat is the best way to indicate that a combined review score of 15 of better is required to recommend that the candidate come in for an interview?.

  Use a workflow rule to calculate the sum of the review scores and send an email to the hiring manager when the total is 15 or better

- **30.**

  A developer needs to include a visualforce page in the detail section of a page layout for the account object, but does not see the page as an available option in the page layout editorwhich attribute must the developer include in the <apex:page> tag to ensure the visualforce page can be embedded in a page layout

  Standardcontroller="account"

- **31.**

  A developer working on a time management application wants to make total hours for each timecard available to application users. A timecard entry has a master-detail relationship to a timecard. Which approach should the developer use to accomplish this declaratively?

  A roll-up summary field on the timecard object that calculates the total hours from timecard entries for that timecard

- **32.**

  What is the key difference between a master-detail realationship and a lookup relationship?

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

- **33.**

  A platform developer needs to write an apex method that will only perform an action if a record is assigned to a specific record type. Which two options allow the developer to dynamically determine the ID of the required record type by its name? Choose 2 answers

Use the getrecordtypeinfosbydevelopername() method in the describesobjectresult class

Execute a SOQL query on the recordtype object

- **34.**

A developer created a visualforce page using a custom controller that calls an apex helper class. A method in the helper class hits a governor limit. what is the result of the transaction?

All changes in the transaction are rolled back

- **35.**

Which statement is true about a hierarchical relationship as it pertains to user records?

It uses a special lookup relationship to allow one user record to be related to another user record

- **36.**

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

Create a test class that provides coverage of the custom controller

- **37.**

Which three data types can be returned from an SOQL statement?

List of objects

Integer

Single object

- **38.**

In order to override a standard action with a visualforce page, which attribute must be defined in the <apex:page> tag?

Standardcontroller

- **39.**

What is a benefit of using a trigger framework?

Simplifies addition of context-specific logic

- **40.**

What are three techniques that a developer can use to invoke an anonymous block of code? Choose 3 answers

Type code into the developer console and execute it directly

Type code into the execute anonymous tab in the force.com IDE and click execute

Use the SOAP API to make a call to execute anonymous code

- **41.**

What are two characteristics of partial copy sandboxes versus full sandboxes? Choose 2 answers

Includes a subset of metadata

Supports more frequent refreshes

- **42.**

Which 2 statements are true about apex code executed in anonymous blocks? Choose 2 answers

The code runs with the permissions of the logged in user

Successful DML operations are automatically committed

- **43.**

An after trigger on the account object performs a DML update operation on all of the child opportunities of an account. There are no active triggers on the opportunity object, yet a "maximum trigger depth exceeded" error occurs in certain situation. Which two reasons possibly explain the account trigger firing recursively? choose 2 answers

Changes to opportunities are causing cross-object workflow field updates to be made on the account

Changes to opportunities are causing roll-up summary fields to update on the account

- **44.**

Which control statement should a developer use to ensure that a loop body executes at least once?

Do {} while (cond)

- **45.**

A developer wrote the following after insert trigger to create a follow-up task whenever a new task is created: list<task> followuptasks = new list<task>(); for(task thetask : trigger.new){ task newtask = new task(status = 'new'
priority='normal'); newtsk.activitydate=date.today().adddays(30); followuptasks.add(newtask); } insert followuptasks; What happens after the code block executes?

The trigger enters an infinite loop and eventually fails

- **46.**

A developer needs to import customer subscription records into salesforce and attach them to existing account records. Which 2 actions should the developer take to ensure the subscription records are related to the correct account records? Choose 2 answers

Match an external ID text field to a column in the imported file

Match the id field to a column in the imported file

- **47.**

  A developer is asked to create a custom visualforce page that will be used as a dashboard component. Which three are valid controller options for this page? Choose 3 answers

  Use a custom controller

  Use a standard controller with extensions

  Use a standard controller

- **48.**

  A developer needs to apply the look and feel of lightning experience to a number of applications built using a custom third-party javascript framework and rendered in visualforce pages which option achieves this?

  Incorporate salesforce lightning design system css stylesheets intothe javascript applications

- **49.**

  The account object has a custom percent field, rating, defined with a length of 2 with 0 decimal places. An account record has the value of 50% in its rating field and is processed in the apex code below after being retrieved from the database with SOQL public void processaccount(){ decimal acctscore = acc.rating__c * 100; } what is the value of acctscore after this code executes?

  Discuss

  5000

- **50.**

  A developer can use the debug log to see which three types of information? Choose 3 answers

  Resource usage and limits

  Database changes

  HTTP callout to external systems

- **51.**

  Which feature allows a developer to create test records for use in test classes?

  Static resources

- **52.**

  Why would a developer use test.starttest() and test.stoptest()?

  To create an additional set of governor limits during the execution of a single test class

- **53.**

  What is an accurate constructor for a custom controller named mycontactlistcontroller?

Public mycontactlistcontroller (){ contacts = new list (); }

- **54.**

  Which three statements are true regarding cross-object formulas? Choose 3 answers

  Cross-object formulas can reference fields from master-detail or lookup relantionships

  Cross-object formulas can reference fields from objects that are up to 10 relantionship away

  Cross-object formulas can expose data the user does not have access to in a record

- **55.**

  Which governor limit applies to all the code in an apex transaction?

  Elapsed Name time

- **56.**

  Which action can a developer take to reduce the execution time of the following code? List<account> allaccounts = [select id from account]; list<account> allcontacts = [select id, accountid from contact]; for (account a :allaccounts){ for (contact c:allcontacts){ if(c.accountid = a.id){ //do work } } }

  Use a map <id,contact> for allaccounts

- **57.**

  A platform developer needs to implement a declarative solution that will display the most recent closed won date for all opportunity records associated with an account. Which field is required to achieve this declaratively?

  Roll-up summary field on the account object

- **58.**

  A developer has javascript code that needs to be called by controller functions in multiple components by extending a new abstract component. Which resource in the abstract component bundle allows the developer to achieve this

  Helper.js

- **59.**

  Which two automation tools include a graphical designer? Choose 2 answers

  Flow builder

  Process builder

- **60.**

  How can a developer get all of the available record types for the current user on the case object?

Use DescribeSObjectResult of the Case object.

- **61.**

  A developer needs to automatically populate the Reports To field in a Contact record on the values of the related Account and Department fields in the Contact record. Which type of trigger would the developer create? Choose 2 answers

  Before update

  Before insert

- **62.**

  To which data type in Apex a currency field automatically assigned?

  Decimal

- **63.**

  Which type of code represents the Controller in MVC architecture on the Force.com platform? Choose 2 answers.

  StandardController system methods that are referenced by Visualforce

  Custom Apex and JavaScript code that is used to manipulate data.

- **64.**

  Which action can a developer perform in a before update trigger? Choose 2 answers

  Change field values using the Trigger.new context variable

  Display a custom error message in the application interface.

- **65.**

  How should the developer overcome this problem? While writing a test class that covers an OpportunityLineItem trigger, a Developer is unable to create a standard Pricebook since one already exist in the org.

  Use Test.getStandardPricebbokId()to get the standard Pricebook ID.

- **66.**

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

  By using Maps to hold data from query results.

  By performing DML transactions on lists of sObjects

- **67.**

  A developer runs the following anonymous code block: List<Account> acc = [select id from Account limit 10]; Delete acc; Database.emptyRecycleBin(acc); System.debug(Limits.getDMLStatements() + ', ' + Limits.getLimitDMLStatements()); What is the result?

2, 150

- **68.**

  Which tool can deploy destructive changes to apex classes in production?

  Workbench

- **69.**

  Which type of controller should a developer use to include a list of related records for a custom object record on a visualforce page without needing additional test coverage?

  Controller Extension

- **70.**

  A change set deployment from a sandbox to production fails due to a failure in a managed package unit test. The developer spoke with the managed package owner and they determined it is false positive and can be ignored. What should the developer do to successfully deploy?

  Select “Run local tests” to run all tests in the org that are not in the managed package

- **71.**

  Which two condition cause workflow rules to fire? Choose 2 answers

  Updating record using bulk API

  An Apex batch process that changes field values

- **72.**

  A company has a custom object named Region. Each account in salesforce can only be related to one region at a time, but this relationship is optional. Which type of relantionship should a developer use to relate an account to a region?

  Lookup

- **73.**

  A developer needs to find information about @future methods that were invokedfrom which system monitoring feature can the developer see this information

  Apex jobs

- **74.**

  How can a developer warn users of SOQL governor limit violations in a trigger?

  Use limits.getqueries() and display an error message before the number of SOQL queries exceeds the limit

- **75.**

  Which declarative process automation feature supports iterating over multiple records?

  Flows

- **76.**

  Which option should a developer use to create 500 accounts and make sure that duplicate are not created for existing account sites?

  Data Import Wizard

- **77.**

  Manage package can be created in which type of org?

  Developer Edition

- **78.**

  Which two ways can a developer instantiate a pagerefence in apex

  By using the pagereference.geturl() method
  By using apexpages.currentpage()

- **79.**

  How many level of child records can be returned in a single SOQL query from one parent object

  1

- **80.**

  Which two statement are acceptable for a developer to use Inside procedural loops?

  Contactlist.remove(i)
  Contact con =new contact()

- **81.**

  A developer wants to store a description of a product that can be entered on separate lines by a user during product setup and later displayed on a visualforce page for shopper. Which field type should the developer choose to ensure that the description will be searchable in the custom apex SOQL queries that are written?

  Text area

- **82.**

  A developer declared a class as follow public class wysiwyg{ //properties and methods includin DML } Which invocation of a class method will obey the organization-wide defaults and sharing settings for the running user in the salesforce organization?

A developer using the developer console that invokes a method in this class from the execute anonymous window

- **83.**

What is considered the primary purpose for creating apex tests?

To ensure every use case of the application is covered by a test

- **84.**

A developer uses a test setup method to create an account named 'test'. The first method deletes the account record. What must be done in the second test method to use the account?

Use select id from account where name='test'

- **85.**

Which is a valid apex assignment?

Double x = 5

- **86.**

Requirements state that a child record be deleted when its parent is deleted, and a child can be moved to a different parent when necessary.Which type of relationship should be built between the parent and child objects in schema builder to support these requirements?

Master-detail relationship

- **87.**

How can a developer use set<id> to limit the number of records returned by a soql query

Reference the set in the WHERE clasue of the query

- **88.**

The account object has a custom formula field, level__c, that is defined as formula (number) with two places. Which three are valid assignments? Choose 3 answers

Double mylevel=acct.level__c

Decimal mylevel=acct.level__c

Object mylevel = acct.level__c

- **89.**

A developer wants to display all of the picklist entries for the opportunity stagename field and all of the available record types for the opportunity object on a visualforce page. Which two actions should the developer perform to get the available picklist values and record types in the controller? Choose 2 answers

Use schema.picklistentry returned by opportunity.sobjecttype.getdescribe().getpicklistvalue()

Use schema.recordtypeinfo returned by opportunity.sobjecttype.getdescribe().getrecordtypeinfos()

- **90.**

A developer wants to handle the click event for a lightning:button component the on click attribute for the component references a javascript function in which resource in the component bundle?

Helper.js

- **91.**

Which statement is true about developing in a multi-tenant environment?

Governor limits prevent apex from impactiong the performance of multiple tenants on the same instance

- **92.**

Which two roll-up summary field types are required to find the average of values on detail records in a master-detail relantionship? Choose 2 answers

Roll-up summary field of type SUM

Roll-up sumary field of type COUNT

- **93.**

A developer creates a custom controller and custom visualforce page by using the code block below public class mycontroller{ public string mystring{ get{ if(mystring ==null){ mystring='a'; } return mystring; } public string getmystring(){ return 'getmystring'; } public string getstringmethod(){ if(mystring==null){ mystring='b'; } return mystring; } } <apex:page controller="mycontroller"> {!stringmethod},{!mystring},{!mystring} </apex:page> What can the user expect to see when accessing the custom page?

A,a,a

- **94.**

Which two approaches optimize test maintenance and support future declarative configuration changes? Choose 2 answers

Create a method that load valid account records from a static resource, then call this method within test method

Create a method that creates valid records, then call this method within test methods

- **95.**

Which two statements are true regarding formula fields? Choose 2 answers

When concatenating fields, line breaks can be added to improve readability

Formula fields may reference formula fields on the same object to a level of one deep

- **96.**

  A developer uses an after update trigger on the account object to update all the contacts related to the account. The trigger code shown below is randomly failing list the contacts = new list(); for(account a : trigger.new){ for(contact c: {select id,account_date__c from contact where accountid=:a.id}){ c.account_date__c = date.today(); thecontacts.add(c); } } update thecontacts; Which line of code is causing the code block to fail?

  03: a soql query is located inside of the for loop

- **97.**

  Which type of code represents the model in the MVC architecture on the force.com platform?

  Discuss

  A list of account records returned from a controller extension method

- **98.**

  Opportunity opp=[select id ,stagename from opportunity limit 1] Given the code above, how can a developer get the label for the stagename field?

  Call"opp.stagename.getdescribe().getlabel()"

- **99.**

  Which two sosl searches will return records matching search criteria contained in any of the searchable text fields on an object? choose 2 answers

  [find 'acme*'returning account,opportunity]

  [find 'acme*'in all fields returning account,opportunity]

- **100.**

  Which two components are available to deploy using the metadata api? Choose 2 answers

  Case settings

  Lead conversion settings

- **101.**

  A developer has the following class and trigger code public class insurancerates{ public static final decimal smokercharge = 0.01; } trigger contacttrigger on contact (before insert){ insurancerates rates = new insurancerates(); decimal basecost=xxx; } Which code segment should a developer insert at the xxx to set the basecost variable to the value of the class variable smokercharge?

  Insurancerates.smokercharge

- **102.**

  A company wants to create an employee rating program that allows employees to rate each other. An employee's average rating must be displayed on the employee record. Employees must be able to create

rating records, but are not allowed to create employee records. Which two actions should a developer take to accomplish this task? choose 2 answers

Create a master-detail relanstionship between the rating and employee object

Create a roll-up sumary field on the employee and use avg to calculate the average rating score

- **103.**

Which two practices should be used for processing records in a trigger? choose 2 answers

Use a set to ensure unique values in a query filter

Use a map to reduce the number of soql calls

- **104.**

A developer needs to provide a way to mass edit,update, and delete records from a list view in which two ways can this be accomlpished? choose 2 answers

Download a managed package from the appexchange that provides customizable enhanced list views and buttons

Create a new visualforce page and apex controller for the list view that provides mass edit,update and delete functionality

- **105.**

A developer needs to create an audit trail for records that are sent to the recycle bin. Which type of trigger is most appropriate to create?

After delete

- **106.**

An account trigger updates all related contacts and cases each time an account is saved using the following two DML statements update allcontacts update allcases What is the result if the case update exceeds the governor limit for maximum number of DML records?

The account save fails and no contacts or cases are updated

- **107.**

A developer needs an apex method that can process account or contacts records. Which method signature should the developer use

Public void dowork(sobject therecord)

- **108.**

A developer needs to create a custom visualforce button for the opportunity object page layout that will cause a web service to be called and redirect the user to a new page when clicked. Which three attributes need to be defined in the <apx:page> tag of the visualforce page to enable this functionality?

Standardcontroller

Extensions

AcTion

- **109.**

The sales team at universal container would like to see a visual indicator appear on both account and opportunity page layout to alert salespeople when an account is late making payments or has entered the collections process. What can a developer implement to achieve this requirement ithout having to write custom code?

Formula field

- **110.**

Which tag should a developer include when styling from external css is required in a visualforce page?

Apex:stylesheet

- **111.**

For which example task should a developer use a trigger rather than a workflow rule?

To set the primary contact on an account record when it is saved

- **112.**

An apex transaction inserts 100 account records and 2000 contact records before encountering a DML exception when attempting to insert 500 opportunity recordsthe account records are inserted by calling the database.insert() method with the allornone argument Apex tes to false. The contact and opportunity records are inserted using the standalone insert statement. How many total records will be committed to the database in this transaction?

100

- **113.**

When a task is created for a contact, how can a developer prevent the task from being included on the activity timeline of the contact's account record?

In activity settings,uncheck roll-up activities to a contact's primary account

- **114.**

A developer wants to use all of the functionality provided by the standard controller for an aobject, but needs to override the save standard action in a controller extension. Which two are required in the controller extension class? Choose 2 answers

Create a method named save with a return data type of pagereference

Define the class with a constructor that takes an instance of standardcontroller as a parameter

- **115.**

In the code below, which type does String inherit from? String s = 'Hello World';

Object

****

****

Which two operations can be performed using a formula field? Choose 2 answers

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

B. Triggering a Process Builder

C. Displaying an Image based on the Opportunity Amount

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

2. A developer is debugging the following code to determinate 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 System.debug() statement before the insert method

B. Add a try/catch around the insert method

C. Set the second insert method parameter to TRUE

D.Collect the insert method return value a Saveresult record

3.What is the order of operations when a record is saved in Salesforce?

A.Process flows, triggers, workflow, commit

B. Workflow, process flows, triggers, commit

C. Workflow, triggers, process flows, commit

D. Triggers, workflow, process flows, commit

4. What are two ways a developer can get the status of an enqueued job for a class that queueable interface? Choose 2 answers

A. View the apex status Page

B. View the apex flex Queue

C.View the apex Jobs page

D.Query the AsyncApexJobe object

5. 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 succesfully perform deletions?

A. AccountRec.sObjectType.isDeleteable()

B. Schema.sObjectType.Account.isDeletable()

C. AccountRec.isdeletable()

D. Account.isDelketable()

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

A. Fire()

B. Emit()

C. RegisterEvent() – this is used to register the event

D. FireEvent()

7. Universal Containers (UC) decided it will not to send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs. Instead, UC wants an external system be notified of the error. What is the appropriate publish/subscribe logic to meet these requirements?

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

B. Have the external system subscribe to the BatchApexError event, no publishing is necessary.

C. Publish the error event using the addError() method and write a trigger to subscribe to the event and notify the external systen.

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

8. A developer has an integer variable called maxAttempts. The developer needs to ensure that once maxAttempts is initialized, it preserves its value for the lenght of the Apex transaction; while being able to share the variable's state between trigger executions. How should the developer declare maxAttempts to meet these requirements?

A. Declare maxattempts as a member variable on the trigger definition.

B. Declare maxattempts as a private static variable on a helper class

C. Declare maxattempts as a constant using the static and final keywords

D. Declare maxattempts as a variable on a helper class

9. 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?

Discuss

A. Public class CreditcardPayment extends Payment { public override void makePayment(Decimal amount) { /*implementation*/ } }

B. Public class CreditCardPayment implements Payment { public virtual void makePayment(Decimal amount) { /*implementation*/ } }

C. Public class CreditCardPayment extends Payment { public virtual void makePayment(Decimal amount) { /*implementation*/ } }

D. Public class CreditCardPayment implements Payment { public override void makePayment(Decimal amount) { /*Implementation*/ } }

10. 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 practice are met?

A. Public static void setBusinessUnitToEMEA(List<Contact> contacts){ for(Contact thisContact : contacts){ thisContact.Business_Unit__c = 'EMEA' ; update contacts[0]; } }

B. Public static void setBusinessUnitToEMEA(List<Contact> contacts){ for(Contact thisContact : contacts) { thisContact.Business_Unit__c = 'EMEA' ; } update contacts; }

C. Public static void setBusinessUnitToEMEA(Contact thisContact){ List<Contact> contacts = new List<Contact>(); contacts.add(thisContact.Business_Unit__c = 'EMEA'); update contacts; }

D. Public void setBusinessUnitToEMEA(List<Contact> contatcs){ contacts[0].Business_Unit__c = 'EMEA' ; update contacts[0]; }

11. Which three web technologies can be integrated into a Visualforce page? Choose 3 answares

A. HTML

B. Java

C. PHP

D. CSS

E. JavaScript

12. A developer must create a Lightning component that allows user 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. <ligthning-input-field field-name="Salary__c"> </lightning-input-field>

B. <lightning-formatted-number value="Salary__c" format-style="currency"> </lightning-formatted-number>

C. <lightning-input type="number" value="Salary__c" formatter="currency"> </lightning-input>

D. <lightning-input-currency value="Salary__c"> </lightning-input-currency>

13. 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 OpportunityLineItems 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.getQueries() method to ensure the number of queries is less than 100.

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

C. Refector the code above to perform the SOQL query only if the Set of opportunityIds contains less 100 Ids.

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

getQueries()

Returns the number of SOQL queries that have been issued.

getLimitQueries()

Returns the **total** number of SOQL queries that can be issued.

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

A. Use the SeeAllData annotation.

B. Add a test method in the Apex class.

C. Use the TestVisible annotation.

D. Mark the Apex class as global

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

A. Workflow Rule

B. Process Builder

C. Approval Process

D. Flow Builder

Both Workflow and Approvals

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

A.Production

B. Dev Hub

C. Environment Hub

D. Sandbox

The scratch org is a source-driven and disposable deployment of Salesforce code and metadata, made for developers and automation. A scratch org is fully configurable, allowing developers to emulate different Salesforce editions with different features and preferences. Scratch orgs are a central feature of Salesforce DX, an open developer experience for developing and managing Salesforce apps across their entire lifecycle.

To work with scratch orgs, you must first enable the Developer Hub (Dev Hub) in your production or business org. You then use the Salesforce DX command-line interface (CLI) to create scratch orgs. You have two ways of managing your scratch orgs: using CLI commands or the Salesforce graphical interface.

17. 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 permission for the currently logged-in user while using the custom search tool?

A. Use the schema describe calls to determine if the logged-in users has access to the Account object.

B. Use the without sharing keyword on the class declaration.

C. Use the UserInfo Apex class to filter all SOQL queries to returned records owned by the logged-in user.

D. Use the with sharing keyword on the class declaration.

18. In terms of the MVC paradigm, what are two advantages of implementing the layer of a Salesforce application using Aura Component-based development over Visualforce? Choose 2 answers

A. Self-contained and reusable units of an application

B. Rich component ecosystem

C. Automatic code generation

D. Server-side run-time debugging

Why Use the Aura Components Programming Model?

The benefits include an out-of-the-box set of components, event-driven architecture, and a framework optimized for performance.

Out-of-the-box Components

Comes with an out-of-the-box set of components to kick start building apps. You don't have to spend your time optimizing your apps for different devices as the components take care of that for you.

Rich Component Ecosystem

Create business-ready components and make them available in the Salesforce app, Lightning Experience, and Communities. Salesforce app users access your components via the navigation menu. Customize Lightning Experience or Communities using drag-and-drop components on a Lightning Page in the Lightning App Builder or using Experience Builder. Additional components are available for your org in the AppExchange. Similarly, you can publish your components and share them with other users.

Fast Development

Empowers teams to work faster with out-of-the-box components that function seamlessly with desktop and mobile devices. Building an app with components facilitates parallel design, improving overall development efficiency.

Components are encapsulated and their internals stay private, while their public shape is visible to consumers of the component. This strong separation gives component authors freedom to change the internal implementation details and insulates component consumers from those changes.

Device-aware and Cross Browser Compatibility

Apps use responsive design and support the latest in browser technology such as HTML5, CSS3, and touch events.

19. What should be used to create scratch orgs?

A. Sandbox refresh

B. Salesforce CLI

C. Developer Console

D. Workbench

20. 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. 5

B. 6

C. 1

D. 2

21. A Licensed_Professional__c custom object exist 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 "Salesforce 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

A. The organization's sharing rules for Licensed_Professional__c have not finished their recalculation process.

B. The organization recently modified the Sales representative role to restrict Read/Write access to Licensed_Professional__c

C. The organization has a private sharing model for Certification__c, and Contact is the primary relationship in the Licensed_Professional__c object

D. The organization has a private sharing model for Certification__c, and Certification__c is the primary relationship in the Licensed_Professional__c object.

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?

A. Use the New button on the Salesforce Contacts Tab to create a new Contact record.

B. Use the Open execute Anonymous feature on the Developer Console to run an 'insert Contact' DML statement

C. Use Deploy from the VSCode IDE to display an 'insert Contact' Apex class.

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

23. Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records. which Visualforce feature supports this requirement?

A. <apex:listButton> tag

B. Custom controller

C. RecordSetVar page attribute

D. Controller extension

recordSetVar attribute in Visual force page:

This attribute indicates that VF page uses set oriented standard controller. The value of the attribute indicates name of the set of records passed to the page means collection records. This record set can be used in the expressions to return values for display on the page or to perform actions on set of records.

A custom controller is an Apex class that implements all of the logic for a page without leveraging a standard controller. Use custom controllers when you want your Visualforce page to run entirely in system mode, which does not enforce the permissions and field-level security of the current user

A controller extension is an Apex class that extends the functionality of a standard or custom controller. Use controller extensions when: You want to leverage the built-in functionality of a standard controller but override one or more actions, such as edit, view, save, or delete.

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

A. ApexPages.currentPage() .getParameters() .get('url_param')

B. ApexPages.currentPage() .getParameters() .get('url_param') .escapeHtml4()

C. String.ValueOf(ApexPages.currentPage() .getParameters() .get('url_param'))

D. String.escapeSingleQuotes(ApexPages.currentPage() .getParameters(). get('url_param'))

25. Universal Containers stores Orders and Line Items in Salesforce. For security reason, 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. Lookup

B. Direct Lookup

C. Indirect lookup

D. Master Detail

Instead we have to first create **Look up** fields then fill all the records with that **lookup** filed. After that we can convert the **lookup** fields to **master** – **detail relationship**. If we delete **master** records then **detail** (**Child**) records are deleted. It creates the parent(**master**) **child**(**Detail**) **relationship between** objects

26. 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?

A. Set "Use the first value in the list as the default value" as True.

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

C. Mark the field as Required on the field definition.

D. Mark the field as Required on the object's page layout.

27. Which two are best practices when it comes to component and application event handling? Choose 2 answers

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

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

Events Best Practices

Here are some best practices for working with events.

Use Component Events Whenever Possible

Always try to use a component event instead of an application event, if possible. Component events can only be handled by components above them in the containment hierarchy so their usage is more localized to the components that need to know about them. Application events are best used for something that should be handled at the application level, such as navigating to a specific record. Application events allow communication between components that are in separate parts of the application and have no direct containment relationship.

Separate Low-Level Events from Business Logic Events

It's a good practice to handle low-level events, such as a click, in your event handler and refire them as higher-level events, such as an approval Change event or whatever is appropriate for your business logic.

Dynamic Actions based on Component State

If you need to invoke a different action on a click event depending on the state of the component, try this approach:

Store the component state as a discrete value, such as New or Pending, in a component attribute.

Put logic in your client-side controller to determine the next action to take.

If you need to reuse the logic in your component bundle, put the logic in the helper.

For example: Your component markup contains <ui:button label="do something" press="{!c.click}" />.

In your controller, define the click function, which delegates to the appropriate helper function or potentially fires the correct event.

Using a Dispatcher Component to Listen and Relay Events

If you have a large number of handler component instances listening for an event, it may be better to identify a dispatcher component to listen for the event. The dispatcher component can perform some logic to decide which component instances should receive further information and fire another component or application event targeted at those component instances.

28. A developer must provide a custom user interface when users edit a Contact. Users must be able to use the interface in Salesforce Classic and Lightning Experience. What should the developer do to provide the custom user interface?

A. Override the Contact's Edit button with a Lightning page Salesforce Classic and a Visualforce page in Lightning Experience.

B. Override the Contact's Edit button with a Visualforce page in Salesforce Classic and a Lightning page in Lightning experience.

C. Override the Contact's Edit button with a Visualforce page in Salesforce Classic and a Lightning component in i.

D. Override the Contact's Edit button with a Lightning component in Salesforce Classic and a Lightning component in Lightning experience.

29. Given the following block code: try{ List <Accounts> retrievedRecords = [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 *retrievedRecordslist* remains empty after the SOQL query?

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

B. Check the state of the retrievedRecords variable and use System.assert(false) if the variable is empty

C. Check the state of the retrievedRecords variable and access the first element of the list if the variable is empty.

D. Replace the retrievedRecords variable declaration from a List of Account to a single Account.

30. A Next Best Action strategy uses an Enchance Element that invokes an Apex method to determine a discount level for a Contact, based on a number of factors. What is the correct definition of the Apex method?

A.@InvocableMethod global static ListRecommendation getLevel(List<ContactWrapper> input) { /*implementation*/ }

B. @InvocableMethod global static List<List<Recommendation>> getLevel(List<ContactWrapper> input) { /*implementation*/ }

C. @InvocableMethod global List<List<Recommendation>> getLevel(List<ContactWrapper> input) { /*implementation*/ }

D. @InvocableMethod global Recommendation getLevel (ContactWrapper input) { /*implementation*/ }

31. 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 discussion, the UC administrator tried to change the Master-Detail relationship to a Lookup relationship but was not able todo so. What is apossible reason that this change was not permitted?

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

B. The Vendor object must use a Master-Detail field for reporting.

C. The Vendor records have existing values in the Account object.

D. The Account object is included on a workflow on the Vendor object.

32. A developer has the following requirements:

Calculate the total amount on a Order.

calculate the line amount for each Line based on quality selected and price.

Move Line Items to a different Order if a Line Item is not in stock

Which relationship implementation supports these requirements?

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

B.Line Item has a Lookup field to Order and there can be many Line Items per Order.

C. Order has a Lookup field to Line Item and there can be many Line Items per Order.

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

33. A developer considers the following snippet of code: Boolean isOK; integer x; String theString = 'Hello'; if (isOK == false && theString == 'Hello') { x = 1; } else if (isOK == true && theString =='Hello') { x = 2; } else if (isOK != null && theString == 'Hello') { x = 3; } else { x = 4; } Based on this code, what is the value of x?

A. 2

B. 1

C. 3

D. 4

34. Universal Containers (UC) decided it will not to send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs. Instead, UC wants an external system be notified of the error. What is the appropriate publish/subscribe logic to meet these requirements?

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.

35. 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 exist?

A. The deployment fails because the Apex trigger has no code coverage.

B. The deployment fails because no assertions were made in the test method.

C. The deployment passes because the Apex code has required (>75%) code coverage.

D. The deployment passes because both classes and the trigger were included in the deployment.

36. 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 Developer

Console. The code then executes with no exceptions or errors. Why did the test method fail in the sandbox and pass in the Developer Console?

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

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

C. The test method is calling an @future method.

D. The test method does not use System.runAs to execute as a specific user.

37. If apex code executes inside the execute() method of an Apex class when implementing the Batchable interface, which statement are true regarding governor limits? Choose 2 answers

A. The Apex governor limits might be higher due to the asynchronous nature of the transaction.

B. The apex governor limits are reset for each iteration of the execute() mrthod.

C. The Apex governor limits are relaxed while calling the costructor of the Apex class.

D. The Apex governor limits cannot be exceeded due to the asynchronous nature of the transaction,

38. 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

A. Workflow Rule

B. Flow Builder

C. Approval Process

D. Escalation Rule

E. Process Builder

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

A. The number of active Apex classes

B. The number of records returned from database queries

C. The number of methods in an Apex class

D. The number of records processed in a loop

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

A. A method using the @InvocableMethod annotation must define a return value.

B. A method using the @InvocableMethod annotation can have multiple input parameters.

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

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

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

Implementation Notes

The invocable method must be static and public or global, and its class must be an outer class.

Only one method in a class can have the InvocableMethod annotation.

Other annotations can't be used with the InvocableMethod annotation.

the generic Object type is not supported as an input and the return type is not null

41. The values 'High', 'Medium', and 'Low' are Identified as common values for multiple picklist across different object. What is an approach a developer can take to streamline maintenance of the picklist and their values, while also restricting the values to the ones mentioned above?

A. Create the Picklist on each object and use a Global Picklist Value Set containing the Values.

B. Create the Picklist on each object as a required field and select "Display values alphabeticaly, not in the order entered".

C. Create the Picklist on each object and select "Restrict picklist to the values defined in the value set".

D. Create the Picklist on each and add a validation rule to ensure data integrity.

42. A developer wants to retrieve the Contacts and Users with the email addres '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 = 'dev@uc.com'} IN Contact, User

C. FIND {Email = 'dev@uc.com'} RETURNING Contact (Email), User (Email)

D. FIND Email IN Contact, User FOR {dev2uc.com}

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

A. The number of active Apex classes

B. The number of methods in an Apex Class

C. The number of records processed in a loop

D. The number of records returned from database queries

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

C. Map <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. Universal Container(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 ad to create the most efficient model that supports the business need?

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

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

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

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

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

A. Apex Flex Queue

B. Apex Jobs

C. Paused Flow Interviews component

D. Time-Based Workflow Monitor

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

A. ApexPages.currentPage() .getparameters() .get('url_param')

B. ApexPages.currentPage() .getParameters() .get('url_param') .escapeHtml4()

C. String.ValueOf(ApexPages.currentPage() .getparameters() .get('url_param'))

D. String.escapeSingleQuotes(ApexPages.currentpages() .getParameters() .get('url_param'))

48. 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 New button on the Salesforce Contacts Tab to create a new Contact record.

B. Use the Open Execute Anonymouse feature on the Developer Console to run an 'insert Contact' DML statement.

C. Use Deploy from the VSCode IDE to deploy an 'insert Contact' Apex class.

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

49. 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 records have existing values in the Account object.

B. The Account object is included on a workflow on the Vendor object

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

D. The Vendor object must use a Master-Detail field for reporting.

50. A developer creates a new Apex trigger with a helper class, and writes a test class that only exercises 95% coverage of 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. Create a test class and methods to cover the Apex trigger

B. Run the tests using the 'Run All Tests' method.

C. Remove the falling test methods from the test class.

D. Increase the test class coverage on the helper class.

51. 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. AppExchange

B. Salesforce CLI

C. Visual Studio Code IDE

D. Developer Console

52. Universal Containers (UC) uses a custom object called Vendor. The Vendor custom object has a Mster-Detail relationship with the statement Account object. Based on some internal discussion, 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 records have existing values in the Account object.

B. The Account object is included on a workflow on the Vendor object.

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

D. The Vendor object must use a Master-Detail field for reporting.

53. 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

(Logins
Logouts
URI (web clicks in Salesforce Classic)
Lightning (web clicks, performance, and errors in Lightning Experience and the Salesforce mobile app)
Visualforce page loads
API calls
Apex executions
Report exports)

B. Developer Log

C. Asynchronous data Capture Events

D. Calendar Events

A debug log can record database operations, system processes, and errors that occur when executing a transaction or running unit tests. Debug logs can contain information about:
Database changes
HTTP callouts
Apex errors
Resources used by Apex
Automated workflow processes, such as:
Workflow rules
Assignment rules
Approval processes
Validation rules

54. 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 additional information?

A. @InvocableMethod(label='Additional Info') public List<ContactInfo> getInfo(List<Id> contactIds) { /*implementation*/ }

B. @InvocableMethod(label='additional Info') public static ContactInfo getInfo(Id contactId) { /*implementation*/ }

C. @invocableMethod(label)='Additional Info') public static List<ContactInfo> getInfo(List<Id> contactIds) { /*Implementation*/ }

D. @InvocableMethod(Label='additional Info') public ContactInfo(Id contactId) { /*implementation*/ }

55. 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 esure 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 consuption.

Use the @ReadOnly annotation to bypass the number of rows returned by a SOQL.

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

56. A developer is tasked to perform a security review of the *ContactSearch* Apex class that exists in the system. Whithin 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 escapeSingleQuote method to sanitize the parameter before its use.

Use a regular expression expression on the parameter to remove special characters.

Use the @Readonly annotation and the with sharing keyword on the class.

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

<apex:outputField value="{!ctrl.userInput}" />

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

<apex:outputText value="{!£CurrentPage.parameters.userInput}" />

<apex:outputField escape="false" value="{!ctrl.userInput}" />

58. 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?

Discuss

Use a CEILING formula on each of the Latest availability date fields.

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

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

Use a Max Roll-Up Summary field on the Latest availability date fields.

59. A developer created a Visualforce page and custom controller to display the account type field as shown below. Custom controller code: public class customerCtrlr(private Account theAccount; publish 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 property referenced on the Visualforce page, what should the developer do to correct the problem?

Add a getter method for the actType attribute.

Change theAccount attribute to public.

Convert theAccount.Type to a String.

Add with sharing to the custom controller.

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

Override the Account's Edit button with Lightning Flow

Override the Account's Edit button with Lightning Action

Override the Account's Edit button with Lightning page.

Override the Account's Edit button with Lightning component.

61. Universal Containers has an order system that uses an Order Number to identify an order for customers and service agents. Order will be imported into Salesforce.

Lookup

Direct Lookup

Number with External ID

Indirect Lookup

62. 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 CSV file.

Use SOQL to query the org for the required data.

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

Use Anonymous Apex to create the required data.

63. Given the following block of code: try{ List<Accounts> retrievedRecords = [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 *retrievedRecordlist* remains empty after the SOQL query?

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

Check the state of the retrievedRecords variable and use System.assert(false) if the variable is empty.

Check the state of the retrievedRecords variable and access the first element of the list if the variable is empty.

Replace the retrievedRecords variable declaration from a List of Account to a single Account.

64. A developer must implement a *CheckPaymentProcessor* class that provides check processing payment capabilities that adhere to what 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 implements PaymentProcessor { public void pay(Decimal amount) {} }

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

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

D. Public class CheckPaymentProcessor extends PaymentProcessor { public void pay(Decimal amount) {} }

65. A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations. Which type of Salesforce orgs should they use for their development?

Developer sandboxes

Scratch orgs

Full Copy sandboxes

Developer orgs

66. 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 property referenced on the Visualforce page, what should the developer do to correct the problem?

Add a getter method for the actType attribute.

Change theAccount attribute to public.

C.Convert theAccount.Type to a String.

Add with sharing to the custom controller.

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

Use the Data Loader command line.

Create a Schedulable Apex class.

Schedule a report.

Define a Data Export scheduled job.

68. Universal Containers(UC) decided it will not to send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs. Instead, UC wants an external system be notified of the error. What is the appropriate publish/subscribe logic to meet these requirements?

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

Have the external system subscribe to the BatchApexError 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.

69. A developer must create a DrawList class that provides capabilities defined in the Sortable and Drawable interfaces. public interface Sortable { void sort(); } public interface Drawable { void draw(); } Which is the correct implementation?

A. Public class DrawList implements Sortable, Implements Drawable { public void sort() { /*implementation*/} public void draw() { /*implementation*/}]

B. Public class DrawList extends Sortable, Drawable { public void sort() { /*implementation*/} public void draw() { /*implementation*/} }

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

D. Public class DrawList extends Sortable, extends Sortable, extends Drawable { public void sort() { /*implementation*/ } public void draw() { /* implementation */} }

70. 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 stock.

Which relationship implementation supports these requirements?

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

Line Item has a Lookup field to Order and there can be many Line Items per Order

Order has a Lookup field to Line Item and there can be many Line Items per Order.

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

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

Change Sets

VSCode

Ant Migration Tool

Developer Console

72. 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 ListRecommendation getLevel(List<Contactwrapper> input)
{ /*implementation*/ }

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

@InvocableMethod global List<List<Recommendation>> getlevel(List<COntactWrapper> input)
{ /*implementation */ }

@InvocableMethod global Recommendation getlevel(ContactWrapper input) { /*implementation */ }

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

Flow Builder

Approval Process

Process Builder

Workflow Rule

34. ?

35. Quering Account: Query Exception: Done

36. Use custom object/ use asset object ?

37. fire()

38.DevHub

39. View the Apex job page, query the asyncapexjob object –winter20

40. Public class CheckPaymentProcessor implements PaymentProcessor { public void pay(Decimal amount) {} } winter20

41. ?

42. create order when opp is closed won-----Process builder

43. lightning component framework--------prebuild components that can be reused

44. line amount in numeric amount formula field and a roll up summary in order ?

45. custom object and fields,relationships,roll up summary

46. ?

47. reduce heap size----transient keyword, soql for loops

53. pb and flow test coverage--------soql and tooling api

55. vf page content to pdf----------<apex: page renderAs=”pdf”>

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

1. FIND {dev@uc.com} IN Email Fields RETURNING Contact (Email), User (Email)

2. Number with external id

4. outbound message----workflow rule

5. multitenancy----- number of records returned from database queries

6. event monitoring log

7. order line & order--------roll up summary

8. immediate email------- pb,workflow,flow ?

9. wire apex call----- static method and cachable=true

10. Add a getter method for the actType attribute

11. the test method relies on the existing data in the sandbox

12. mark the field required in the field definition

13. lead source field before converting------- validation rule

14. invocablemethod ----------must be static,public or global,only one method per class

15. data import wizards do not support opportunity

16. overall 75% coverage, all triggers must have at least 1% test coverage

17. ‘(

18. test.loaddata and static resource

19. <apex:output**Text escape**="false" value**=" {!$CurrentPage.parameters**.userInput}" />

20. 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() mrthod.

21. create picklist in each object and global picklist

22. **@wire**(getAccounts , **{searchTerm:'$searchTerm'})**

23. business logic----workflow,validation,pb ?

24. to give lightning look and feel to existing vf page---------- <apex:page lightningStylesheets="true">

25. crosssite scripting---escapeHTML4 ?

26. line item master detail re parented

27. formulas are calculated in runtime,formulas can reference values in related objects

28. override account edit button with a lightning component

29. developer console ?

30. the record will not be created and no error will be reported

31. declare maxAttempts as constant using static and final ?

32. overall code coverage panel on test tab developer console

33. upload the svg as static resource,import it and provide a getter in javascript,reference the getter in HTML template

Universal Containers stores Orders and Line Items is 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. Direct Lookup

C. Lookup

D. Indirect Lookup

C. Lookup

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

Choose two answers

A. Data import wizard is a client application provided by Salesforce.

B. Bulk API can be used to bypass the storage limits when importing large data volumes in development environments.

C. Developer and Developer Pro sandboxes have different storage limits.

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

C. Developer and Developer Pro sandboxes have different storage limits.

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

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. Test.setCurrentPage(pageRef);

B. public ExtendedController(ApexPages.StandardController cntrl) {}

C. ApexPages.currentPage().getParameters().put('input', 'testValue');

D. insert pageRef;

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

B. public ExtendedController(ApexPages.StandardController cntrl) {}

C. ApexPages.currentPage().getParameters().put('input', 'testValue');

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

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 (after insert) {

if (RequestLogic.isValid(Request__c))

Request.addError('Your request cannot be created at this time.');

}

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 (before insert) {

RequestLogic.validateRecords{trigger.new};

}

D. trigger RequestTrigger on Request__c (after insert) {

RequestLogic.validateRecords{trigger.new};

}

C. trigger RequestTrigger on Request__c (before insert) {

RequestLogic.validateRecords{trigger.new};

}

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

D. The number of records returned from database queries

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. A custom controller

C. Standard controller methods

D. Visualforce page JavaScript

C. Standard controller methods

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 class ContactController

C. public with sharing class ContactController

D. public inherited sharing class ContactController

C. public with sharing class ContactController

D. public inherited sharing class ContactController

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

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

B. List<List <sObject>> searchList = (SELECT Name, ID FROM Contact, Lead WHERE Name like '%ACME%');

C. Map <sObject> searchList = (FIND "*ACME*" IN ALL FIELDS RETURNING Contact, Lead);

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

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

The values ‘High’, ‘Medium’, and ‘Low’ are identified as common values for multiple picklists across different objects.

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

A. Create the Picklist on each object and add a validation rule to ensure data integrity.

B. Create the Picklist on each object as a required field and select “Display values alphabeticaly, not in the order entered”.

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

D. Create the Picklist on each object and select “Restrict picklist to the values defined in the value set”.

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

10) 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) {}
}
```

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

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

Choose 3 answers

A. A method using the @InvocableMethod annotation must define a return value.

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

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

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

E. A method using the @InvocableMethod annotation can have multiple input parameters.

A. A method using the @InvocableMethod annotation must define a return value.

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

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

A developer needs to join data received from an integration with an external system with parent records in Salesforce. The data set does not contain the Salesforce IDs of the parent records, but it does have a foreign key attribute that can be used to identify the parent.

Which action will allow the developer to relate records in the data model without knowing the Salesforce ID?

A. Create and populate a custom field on the parent object marked as Unique.

B. Create a custom field on the child object of type Foreign Key.

C. Create a custom field on the child object of type External Relationship.

D. Create and populate a custom field on the parent object marked as an External ID.

D. Create and populate a custom field on the parent object marked as an External ID.

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

A. Asynchronous Data Capture Events

B. Event Monitoring Log

C. Calendar Events

D. Developer Log

B. Event Monitoring Log

Which exception type cannot be caught?

A. NoAccessException

B. A Custom Exception

C. LimitException

D. CalloutException

C. LimitException

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 Account records contain Vendor roll-up summary fields.

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 Vendor object must use a Master-Detail field for reporting.

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

Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

A. registerEvent()

B. fireEvent()

C. emit()

D. fire()

B. fireEvent()

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

A. In a Lookup relationship, the field value is mandatory.

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

C. In a Lookup relationship when the parent record is deleted, the child records are always deleted.

D. In a Master-Detail relationship, when a record of a master object is deleted, the detail records are not deleted.

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

A developer identifies the following triggers on the Expense__c object:

deteleExpense,

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

B. Unify the before insert and before update triggers and use Process Builder for the delete action.

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

D. Maintain all three triggers on the Expense__c object, but move the Apex logic out of the trigger definition.

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

D. Maintain all three triggers on the Expense__c object, but move the Apex logic out of the trigger definition.

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 write a trigger to subscribe to the event and notify the external system.

B. Have the external system subscribe to the BatchApexError event, no publishing necessary.

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

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

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

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

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

Choose 2 answers

A. Developer Console

B. Change Sets

C. Ant Migration Tool

D. SFDX CLI

C. Ant Migration Tool

D. SFDX CLI

What can be developed using the Lightning Component framework?

A. Salesforce integrations

B. Hosted web applications

C. Dynamic web sites

D. Single-page web apps

D. Single-page web apps

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

B. If executed in a synchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

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

D. If executed in an asynchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

B. If executed in a synchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

D. If executed in an asynchronous context, the apex transaction is likely to fail by exceeding the DML governor limit.

What should be used to create scratch orgs?

A. Developer Console

B. Salesforce CLI

C. Sandbox refresh

D. Workbench

B. Salesforce CLI

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

B. Use Test.loadData() and a static resource to load a 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.

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

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

Choose 2 answers

A. Default

B. Control

C. Bubble

D. Emit

C. Bubble

D. Emit

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. Create a controller extension.

C. Use the <apex:include>tag.

D. Add a method to the standard controller.

A. Use the <apex:relatedList>tag.

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 type=”number” value=”Salary__c” formatter=”currency”>

</lightning-input>

B. <lightning-input-currency value=”Salary__c”>

</lightning-input-currency>

C. <lightning-formatted-number value=”Salary__c” format-style=”currency”>

</lightning-formatted-number>

D. <lightning-input-field field-name=”Salary__c”>

</lightning-input-field>

A. <lightning-input type=”number” value=”Salary__c” formatter=”currency”>

</lightning-input>

For which three items can a trace flag be configured?

Choose 3 answers

A. Visualforce

B. Process Builder

C. User

D. Apex Class

E. Apex Trigger

B. Process Builder

D. Apex Class

E. Apex Trigger

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

A. Process Builder

B. Flow Builder

C. Workflow Rule

D. Strategy Builder

C. Workflow Rule

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

Choose 2 answers

A. Lightning component HTML files represent the Model (M) part of the MVC framework.

B. Triggers that create records represent the Model (M) part of the MVC framework.

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

D. Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.

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

D. Standard and Custom objects used in the app schema represent the View (V) part of the MVC framework.

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

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

A. 4

B. 2

C. 3

D. 1

C. 3

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

A. Select and run the class on the Apex Test Execution page.

B. View the Code Coverage column in the list view on the Apex Classes page.

C. View the Overall Code Coverage panel of the Tests tab in the Developer Console.

D. View the Class Test Coverage tab on the Apex Class record.

C. View the Overall Code Coverage panel of the Tests tab in the Developer Console.

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 is as an External Id.

D. Upload the CSV into a custom object related to Candidate__c.

C. Update the PrimaryId__c field definition to mark is as an External Id.

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

A. <apex:outputField value="{!ctrl.userInput}" />

B. <apex:outputField escape="false" value="{!ctrl.userInput}" />

C. <apex:outputText value="{!$CurrentPage.parameters.userInput}" />

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

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

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. Messaging

B. Limits

C. OrgLimits

D. Exception

B. Limits

When a user edits the Postal Code on an Account, a custom Account text field maned “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 Approval Process.

B. Build an Account custom Trigger.

C. Build an Account Assignment Rule.

D. Build an Account Workflow Rule.

B. Build an Account custom Trigger.

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. 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.

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

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

D. Write a single before trigger on the Line Item that calculates the item amount and updates the order amount on the Order.

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

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 public and use the global access modifier on the method.

B. Declare the class and method using the global access modifier.

C. Declare the class and method using the public access modifier.

D. Declare the class as global and use the public access modifier on the method.

B. Declare the class and method using the global access modifier.

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 the New button on the Salesforce Contacts Tab to create a new Contact record.

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

D. Use Deploy from the VSCode IDE to deploy an 'insert Contact' Apex class.

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

40. 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. Setup Menu

C. Visual Studio Code IDE

D. AppExchange

A. Developer Console

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:component access=”GLOBAL”>

<aura:dependency resource=”c:accountList”/>

</aura:component>

B) <aura:application access=”GLOBAL” extends=”ltng:outApp”>

<aura:dependency resource=”c:accountList”/>

</aura:application>

C) <aura:component access=”GLOBAL” extends=”ltng:outApp”>

<aura:dependency resource=”c:accountList”/>

</aura:component>

D) <aura:application access=”GLOBAL”>

<aura:dependency resource=”c:accountList”/>

</aura:application>

B) <aura:application access=”GLOBAL” extends=”ltng:outApp”>

<aura:dependency resource=”c:accountList”/>

</aura:application>

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

B. Run the tests using the 'Run All Tests' method.

C. Increase the test class coverage on the helper class.

D. Remove the failing test methods from the test class.

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

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

Choose 2 answers

A. All Visual Flows must have at least 1% test coverage.

B. All triggers must have at least 1% test coverage.

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

D. All Process Builder Processes must have at least 1% test coverage.

B. All triggers must have at least 1% test coverage.

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

Which two characteristics are true for Aura component events?

Choose 2 answers

A. Only parent components that create subcomponents (either in their markup or programmatically) can handle events.

B. If a container component needs to handle a component event, add a handleFacets=”true” attribute to its handler.

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

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

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

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

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

Choose 3 answers

A. CSS

B. HTML

C. Java

D. JavaScript

E. PHP

A. CSS

B. HTML

D. JavaScript

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, name), account(id, name), contact(id, name) FROM Lead, Account, Contact WHERE Name = "Universal Containers’

B. SELECT Lead.id, Lead.Name, Account.Id, Account.Name, Contact.Id, Contact.Name FROM Lead, Account, Contact WHERE CompanvName = ‘Universal Containers’

C. FIND ‘Universal Containers’ IN Name Fields RETURNING lead(id, name), account(id, name), contact(id, name)

D. FIND ‘Universal Containers’ IN CompanyName Fields RETURNING lead(ld, name), account(id, name), contact(id, name)

D. FIND ‘Universal Containers’ IN CompanyName Fields RETURNING lead(ld, name), account(id, name), contact(id, name)

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?

A. SELECT ID FROM Trainer__c WHERE Gym__r.Name = 'Viridian City Gym'

B. SELECT Id, (SELECT Id FROM Trainers__c) FROM Gym__c WHERE Name = 'Viridian City Gym'

C. SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'

D. SELECT Id, (SELECT Id FROM Trainer__c) FROM Gym__c WHERE Name = 'Viridian City Gym'

C. SELECT Id, (SELECT Id FROM Trainers__r) FROM Gym__c WHERE Name = 'Viridian City Gym'

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;
}
}
```

A. Querying Accounts. Custom Exception.

B. Querying Accounts. Custom Exception. Done.

C. Querying Accounts. Query Exception.

D. Querying Accounts. Query Exception. Done.

B. Querying Accounts. Custom Exception. Done.

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.isUpdatable())

C. Use if(Schema.sObjectType.Contact.isAccessible())

D. Use if(thisContact.OwnerId == UserInfo.getUserId())

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

B. Use if(Schema.sObjectType.Contact.fields.is_Active__c.isUpdatable())

50) 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 abstract 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 virtual void calculate() { /*implementation*/ }

}

D. public abstract class ShippingCalculator {

public virtual void calculate() { /*implementation*/ }

}

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 Action.

B. Override the Account's Edit button with a Lightning component.

C. Override the Account's Edit button with a Lightning page.

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

B. Override the Account's Edit button with a Lightning component.

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

C. Mark the field as Required on the field definition.

D. Mark the field as Required on the object's page layout.

C. Mark the field as Required on the field definition.

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 (of type Create) element.

B. Add a new Get Records element.

C. Add a new Update Records element.

D. Add a new Create Records element.

C. Add a new Update Records element.

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 switch statement, with a for loop inside

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

C. An if/else statement, with a for loop inside

D. A for loop, with a switch statement inside

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

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. SOSL is faster for text searches.

C. SOQL is faster for text searches.

D. SOQL is able to return more records.

C. SOQL is faster for text searches.

D. SOQL is able to return more records.

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 records related to the expense report must enter the approval process individually.

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

A. Create a Process Builder on Expense_Report__c with a 'Submit for Approval' action type to submit all related Expense_Item__c records when the criteria is met.

B. 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.

C. 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.

D. 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.

A. 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.

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

A. An empty list of sObjects

B. A list of newly created sObjects without IDs

C. null

D. Undefined

C. null

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: '$searchTerm' })

accountList;

B. @AuraEnabled(getAccounts, '$searchTerm')

accountList;

C. @wire(getAccounts, '$searchTerm')

accountList;

D. @AuraEnabled(getAccounts, { searchTerm: '$searchTerm' })

accountList;

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

accountList;

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. Process Builder

B. Formula Field

C. Validation Rule

D. Workflow Rule

C. Validation Rule

60) 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. Workflows can be used to check the record criteria and send an outbound message.

B. Process builder can be used to check the record criteria and then call Apex Code.

C. Process builder can be used to check the record criteria and send an outbound message without Apex Code.

D. Flow Builder can be used to check the record criteria and send an outbound message without additional code.

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

A. Workflows can be used to check the record criteria and send an outbound message.

B. Process builder can be used to check the record criteria and then call Apex Code.

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

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

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

A. @AuraEnabled (cacheable=false)

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

B. @AuraEnabled (cacheable=true)

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

C. @AuraEnabled (cacheable=true)

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

D. @AuraEnabled (cacheable=false)

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

B. @AuraEnabled (cacheable=true)

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

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

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

A. Write a class that implements the HTTPCalloutMock interface.

B. Write a class that extends WebserviceMock.

C. Write a class that implements WebserviceMock.

D. Write a class that extends HTTPCalloutMock.

A. Write a class that implements the HTTPCalloutMock interface.

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

Choose 3 answers

A. One-time loading for duplicate scripts

B. Loading files from Documents

C. Loading externally hosted scripts

D. Specifying loading order

E. Loading scripts in parallel

A. One-time loading for duplicate scripts

C. Loading externally hosted scripts

D. Specifying loading order

A developer writes a single trigger on the Account object on the after insert and after update events. A workflow rule modified 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?

A. 2

B. 1

C. 4

D. 8

C. 4

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 transaction will fail due to exceeding the governor limit.

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

C. The try/catch block will handle exceptions thrown by governor limits.

D. The transaction will succeed and changes will be committed.

A. The transaction will fail due to exceeding the governor limit.