

Exam : **PDI**

Title : Platform Developer I (PDI)

Vendor : Salesforce

Version : V15.75

NO.1 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

Answer: C D

NO.2 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.
- D. Reference the import in the HTML template.
- E. Import the SVG as a content asset file.

Answer: A B C

NO.3 A developer must build application that tracks which Accounts have purchase specific pieces of equal products. Each Account could purchase many pieces of equipment.

How should the developer track that an Account has purchased a piece of equipment.

- A. Use the Asset object.
- B. Use a Custom object.
- C. Use a Master-Detail on Product to Account
- D. Use a Lookup on Account to product.

Answer: C

NO.4 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

Answer: B

NO.5 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 AsyncApexJob object

Answer: A C

NO.6 How many accounts will be inserted by the following block of code?

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

A. 150

B. 0

C. 500

D. 100

Answer: B

NO.7 A developer needs to confirm that an Account trigger is working correctly without changing the organization's data. What would the developer do to test the Account trigger?

A. Use the Test menu on the developer Console to run all test classes for the account trigger.

B. Use the New button on the Salesforce Accounts Tab to create a new Account record.

C. Use the Open Execute Anonymous feature on the Developer Console to run an 'insert Account' DML statement.

D. Use Deploy from the Force.com IDE to deploy an 'insert Account' Apex class.

Answer: A

NO.8 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?

A. Add a getter method for the actType attribute.

B. Change theAccount attribute to public.

C. Convert theAccount.Type to a String.

D. Add with sharing to the custom controller.

Answer: A

Explanation

https://developer.salesforce.com/docs/atlas.en-us.pages.meta/pages/pages_controller_custom.htm

NO.9 Which three code lines are required to create a Lightning component on a Visualforce page?

Choose 3 answers

A. \$Lightning.createComponent

B. <apex:slds/>

C. \$Lightning.useComponent

D. \$Lightning.use

E. <apex:includeLightning/>

Answer: A D E

NO.10 Universal Containers has large number of custom applications that were built using a third-party JavaScript framework and exposed using Visualforce pages. The Company wants to update these applications to apply styling that resembles the look and feel of Lightning Experience. What should the developer do to fulfill the business request in the quickest and most effective manner?

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

Answer: C

NO.11 In the Lightning UI, where should a developer look to find information about a Paused Flow Interview?

- A.** On the Paused Row Interviews related List for a given record
- B.** In the Paused Interviews section of the Apex Rex Queue
- C.** In the system debug log by Altering on Paused Row Interview
- D.** On the Paused Row Interviews component on the Home page

Answer: B

NO.12 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.** Roll-Up Summaries
- B.** Triggers
- C.** Relationships
- D.** Process Builder
- E.** Custom Objects and Fields

Answer: A C D

NO.13 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.

Answer: A D

NO.14 Which three per-transaction limits have higher governor limits in asynchronous Apex transactions?

- A. Maximum CPU time
- B. Maximum heap size
- C. Total SOQL queries
- D. Maximum execution time
- E. Records returned by SOQL

Answer: A C E

NO.15 What are two characteristics related to formulas? Choose 2 answers.

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

Answer: B C

NO.16 A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple subjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

Which three statements are useful inside the unit test to effectively test the custom controller? Choose 3 answers

- A. insert pageRef.
- B. Test.setCurrentPage(pageRef);
- C. public ExtendedController(ApexPages.StandardController ctrl) { }
- D. ApexPages.CurrentPage().getParameters().put('input\ ', 'TestValue');
- E. String nextPage - controller.save().getUrl();

Answer: B D E

NO.17 What is the value of the Trigger.old context variable in a Before Insert trigger?

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

Answer: C

NO.18 What is the result of the following code?

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

Answer: C

NO.19 What are three ways for a developer to execute tests in an org? Choose 3.

- A. Bulk API
- B. Tooling API
- C. Setup Menu
- D. Salesforce DX
- E. Metadata API.

Answer: B C D

Explanation

https://developer.salesforce.com/docs/atlas.en-us.sfdx_dev.meta/sfdx_dev/sfdx_dev_testing.htm

[https://developer.salesforce.com/docs/atlas.en-](https://developer.salesforce.com/docs/atlas.en-us.api_tooling.meta/api_tooling/tooling_api_objects_apextestsuite)

[us.api_tooling.meta/api_tooling/tooling_api_objects_apextestsuite](https://developer.salesforce.com/docs/atlas.en-us.api_tooling.meta/api_tooling/tooling_api_objects_apextestsuite)

NO.20 Which three statements are true regarding custom exceptions in Apex? (Choose three.)

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

Answer: B D E

NO.21 Which two statements accurately represent the MVC framework implementation in Salesforce? Choose 2 answers

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

Answer: A C

NO.22 Which two conditions cause workflow rules to fire? Choose 2 answers

- A. Changing the territory assignments of accounts and opportunities
- B. Updating records using the bulk API
- C. Converting leads to person accounts
- D. An Apex Batch process that changes field values

Answer: B D

NO.23 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**Answer:** A C E

NO.24 Universal Containers recently transitioned from Classic to Lightning Experience. One of its business processes requires certain value from the opportunity object to be sent via HTTP REST callout to its external order management system based on a user-initiated action on the opportunity page. Example values are as follow

- * Name
- * Amount
- * Account

Which two methods should the developer implement to fulfill the business requirement? (Choose 2 answers)

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

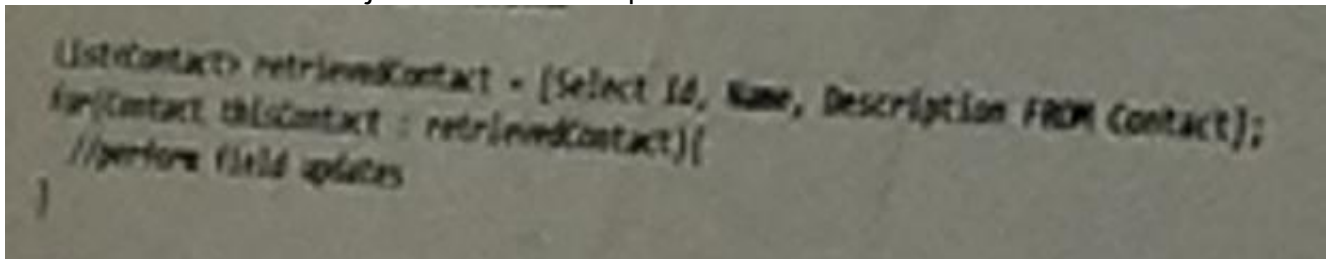
Answer: A C

NO.25 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

Answer: D

NO.26 As a part of class implementation a developer must execute a SOQL query against a large data set based on the contact object. The method implementation is as follows.



```

List<Contact> retrievedContact = [Select Id, Name, Description FROM Contact];
for(Contact thisContact : retrievedContact){
    //perform field updates
}
  
```

Which two methods are best practice to implement heap size control for the above code? (Choose 2 Answers)

- A.** Use the FOR UPDATE option on the SOQL query to lock down the records retrieved.
- B.** Use visual keyword when declaring the retrieve variable.
- C.** Use a SOQL FOR loop, to chunk the result set in batches of 200 records.
- D.** Use WHERE clauses on the SOQL query to reduce the number of records retrieved.

Answer: B C

NO.27 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 levelpermissions on salary__C?

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

Answer: A

NO.28 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

Answer: B

NO.29 What does the Lightning Component framework provide to developers?

- A. Extended governor limits for applications
- B. Prebuilt component that can be reused.
- C. Templates to create custom components.
- D. Support for Classic and Lightning UIS.

Answer: B

NO.30 Which three operations affect the number of times a trigger can fire?

Choose 3 answers

- A. Process Flows
- B. Workflow Rules
- C. Criteria-based Sharing calculations
- D. Email messages
- E. Roll-Up Summary fields

Answer: A B E

NO.31 Which two statements are true about using the @testSetup annotation in an Apex test class?

Choose 2 answers

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

Answer: B D

NO.32 What is a key difference between a Master-Detail Relationship and a Lookup Relationship?

- A.** A Master-Detail Relationship detail record inherits the sharing and security of its master record.
- B.** When a record of a master object in a Lookup Relationship is deleted, the detail records are also deleted.
- C.** A Lookup Relationship is a required field on an object.
- D.** When a record of a master object in a Master-Detail Relationship is deleted, the detail records are kept and not deleted.

Answer: A

NO.33 A developer has an integer variable called maxAttempts. The developer needs to ensure that once maxAttempts is initialized, it preserves its value for the length of the Apex transaction; while being able to share the variable's state between trigger executions. How should the developer declare maxAttempts to meet these requirements?

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

Answer: C

NO.34 What is the result of the following code snippet?

- A.** 201 Accounts are inserted.
- B.** 200 Accounts are inserted.
- C.** 0 Accounts are inserted.
- D.** 1 Account is inserted.

Answer: C

NO.35 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 */ }

Answer: C

NO.36 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.** Developer Log
- C.** Event Monitoring Log
- D.** Calendar Events

Answer: C

NO.37 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 `ftount` to a single Account.

Answer: B

NO.38 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 text field configured as an External ID with an API name of `Foreign_Key__c` is known.

Which two statements enable the developer to save the records to the database without an Id? (Choose two.)

- A.** `Upsert myAccounts Foreign_Key__c;`
- B.** `Upsert myAccounts(Foreign_Key__c);`
- C.** `Database.upsert (myAccounts, Foreign_Key__c);`
- D.** `Database.upsert(myAccounts).Foreign_Key__c;`

Answer: A C

NO.39 How should a custom user interface be provided when a user edits an Account in Lightning Experience?

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

Answer: D

NO.40 What are three techniques that a developer can use to invoke an anonymous block of code? (Choose three.)

- A.** Use the SOAP API to make a call to execute anonymous code.
- B.** Create a Visualforce page that uses a controller class that is declared without sharing.
- C.** Run code using the Anonymous Apex feature of the Developer's IDE.
- D.** Type code into the Developer Console and execute it directly.
- E.** Create and execute a test method that does not specify a runAs() call.

Answer: A C D

NO.41 A developer has a VF page and custom controller to save Account records. The developer wants to display any validation rule violation to the user. How can the developer make sure that validation rule violations are displayed?

- A.** Add custom controller attributes to display the message.
- B.** Include <apex:messages> on the Visualforce page.
- C.** Use a try/catch with a custom exception class.
- D.** Perform the DML using the Database.upsert() method

Answer: B

Explanation

https://developer.salesforce.com/docs/atlas.en-us.pages.meta/pages/pages_compref_message.htm

NO.42 Which Apex class contains methods to return the amount of resources that have been used for a particular governor, such as the number of DML statements?

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

Answer: D

NO.43 A developer needs to prevent the creation of request records when certain conditions exist in the system. A RequestLogic class exists to checks the conditions. What is the correct implementation?

- A.** Trigger RequestTrigger on Request (after insert) {
RequestLogic.validateRecords {trigger.new};
}
- B.** Trigger RequestTrigger on Request (before insert) {
RequestLogic.validateRecords {trigger.new};
}
- C.** Trigger RequestTrigger on Request (before insert) {
if (RequestLogic.isvalid{Request})
Request.addError {'Your request cannot be created at this time.'};
}

```
D. Trigger RequestTrigger on Request (after insert) {  
  if (RequestLogic.isValid{Request})  
    Request.addError {'Your request cannot be created at this time.'};  
}
```

Answer: B

NO.44 When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" must be update based on the values in a PostalCodeToTimezone__c custom object. How should a developer implement this feature?

- A. Build an Account Assignment Rule.
- B. Build an Account custom Trigger.
- C. Build an account Approval Process
- D. Build an Account Workflow Rule.

Answer: B

NO.45 A developer needs an Apex method that can process Account or Contact records. Which method signature should the developer use?

- A. Public void doWork(Record theRecord)
- B. Public void doWork(sObject theRecord)
- C. Public void doWork(Account Contact)
- D. Public void doWork(Account || Contatc)

Answer: B

NO.46 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?

- A. break;
- B. Continue
- C. Next
- D. Exit

Answer: A

NO.47 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 Visualforce page in Salesforce Classic and a Lightning component 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 Lightning component in Salesforce Classic and a Lightning component in Lightning Experience.
- D. Override the Contact's Edit button with a Lightning page in Salesforce Classic and a Visualforce page in Lightning Experience.

Answer: A

NO.48 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. `@AuraEnabled(getAccounts, { searchTerm: '$searchTerm' })
accountList;`
- D. `@wire(getAccounts, '$searchTerm')`
`accountList;`

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A

NO.49 A developer of Universal Containers is tasked with implementing a new Salesforce application that must be able to be approved by their company's Salesforce administrator.

Which three should be considered for building out the business logic layer of the application? Choose 3 answers

- A. Workflows
- B. validation Rules
- C. Process Builder
- D. Scheduled Jobs
- E. Invocable Actions

Answer: A B C

NO.50 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?

- A. Use the Data Loader command line.
- B. Create a Schedulable Apex class.
- C. Schedule a report.
- D. Define a Data Export scheduled job.

Answer: D

NO.51 Which action causes a before trigger to fire by default for Accounts?

- A. Renaming or replacing picklist

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

Answer: B

NO.52 Universal Containers wants to assess the advantages of declarative development versus programmatic customization for specific use cases in its Salesforce implementation.

What are two characteristics of declarative development over programmatic customization?

Choose 2 answers

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

Answer: B C

NO.53 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 it's trainers?

- A. SELECT Id, (SELECT Id FROM Trainers) FROM Gym_C WHERE Name = 'Viridian City Gym'
- B. SELECT Id, (SELECT Id FROM Trainer_c) FROM Gym_c WHERE Name = 'Viridian City Gym'
- C. SELECT ID FROM Trainer_c WHERE Gym__r.Name = 'Viridian City Gym'
- D. SELECT Id, (SELECT Id FROM Trainers) FROM Gym_C WHERE Name = 'Viridian City Gym'

Answer: A

NO.54 Which statement is true about developing in a multi-tenant environment?

- A. Governor limits prevent apex from impacting the performance of multiple tenants on the same instance
- B. Apex sharing controls access to records from multiple tenants on the same instance
- C. Global apex classes can be referenced from multiple tenants on the same instance
- D. Org-level data security controls which users can see data from multiple tenants on the same instance

Answer: A

NO.55 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 alphabetically, 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.

Answer: A

NO.56 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.

- A. Lookup
- B. Direct Lookup
- C. Number with External ID
- D. Indirect Lookup

Answer: C

NO.57 Which exception type cannot be caught ?

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

Answer: D

NO.58 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 \'' + name.noQuotes() + '%\"';
List<Account> results = Database.query(query);
- B. String query = 'SELECT Id FROM Account WHERE Name LIKE \'' + String.escapeSingleQuotes(name) + '%\"';
List<Account> results = Database.query(query);
- C. String query = 'SELECT Id FROM Account WHERE Name LIKE \'' + name + '%\"'; List<Account> results = Database.query(query);
- D. String query = '%' + name + '%\"';
List<Account> results = [SELECT Id FROM Account WHERE Name LIKE :query];

Answer: B D

NO.59 A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.

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

Choose 2 answers

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

Answer: A B

NO.60 A developer needs to update an unrelated object when a record gets saved. Which two trigger types should the developer create?

- A. After insert
- B. After update
- C. Before update
- D. Before insert

Answer: C D

NO.61 A developer needs to implement a custom SOAP Web Service that is used by an external Web Application.

The developer chooses to Include helper methods that are not used by the Web Application In the Implementation of the Web Service Class.

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

A)

```
global class WebServiceClass {
    private Boolean helperMethod() { /* implementation ... */ }
    global String updateRecords() { /* implementation ... */ }
}
```

B)

```
webservice class WebServiceClass {
    private Boolean helperMethod() { /* implementation ... */ }
    global static String updateRecords() { /* implementation ... */ }
}
```

C)

```
global class WebServiceClass {
    private Boolean helperMethod() { /* implementation ... */ }
    webservice static String updateRecords() { /* implementation ... */ }
}
```

D)

```
webservice class WebServiceClass {
    private Boolean helperMethod() { /* implementation ... */ }
    webservice static String updateRecords() { /* implementation ... */ }
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: C

NO.62 Where are two locations a developer can look to find information about the status of asynchronous or future calls? Choose 2 answers

A. Apex Flex Queue

B. Apex Jobs

C. Paused Flow Interviews component

D. Time-Based Workflow Monitor

Answer: A B

NO.63 Which declarative process automation feature supports iterating over multiple records?

- A. Flows
- B. Validation Rules
- C. Approval Process
- D. Workflow rules

Answer: A

NO.64 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.

Answer: B

NO.65 A developer considers the following snippet of code:

```
Boolean isOK;
integer x;
String theString = 'Hello';

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

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

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

Answer: D

NO.66 A primaryid_c custom field exists on the candidate_c custom object. The field is used to store

each candidate's id number and is marked as Unique in the schema definition.

As part of a data enrichment process, Universal Containers has a CSV file that contains updated data for all candidates in the system, the file contains each Candidate's primary id as a data point.

Universal Containers wants to upload this information into Salesforce, while ensuring all data rows are correctly mapped to a candidate in the system.

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

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

Answer: C

NO.67 Universal Containers hires a developer to build a custom search page to help user- 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 Mid SOSL ?

Choose 2 answers

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

Answer: C D

NO.68 An Approval Process is defined in the Expense_Item__c. A business rule dictates that whenever a user changes the Status to 'Submitted' on an Expense_Report__c record, all the Expense_Item__c records related to the expense report must enter the approval process individually. Which approach should be used to ensure the business requirement is met?

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

Answer: B

NO.69 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'))`

Answer: D

NO.70 A developer needs to create a custom Interface in Apex.

Which three considerations must the developer keep in mind while developing the Apex Interface' Choose 3 answers

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

Answer: A B D

NO.71 An Apex method, getAccounts, that returns a List of Accounts given a search Term, is available for Lightning Web components to use. What is the correct definition of a Lightning Web component property that uses the getAccounts method?

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

Answer: D

Explanation

https://developer.salesforce.com/docs/component-library/documentation/en/48.0/lwc/lwc.data_wire_service_abo

NO.72 Which three Salesforce resources can be accessed from a Lightning web component' Choose 3 answers

- A.** SVG resources
- B.** Third-party web components
- C.** Content asset files
- D.** Static resources
- E.** All external libraries

Answer: A D E

NO.73 what are the three languages used in the visualforce page?

- A.** Javascript, CSS, HTML
- B.** Apex, Json, SQL
- C.** C++, CSS, query

Answer: A

NO.74 A developer needs to join data received from an integration with an external system with parent records in Salesforce. The data set does not contain the Salesforce IDs of the parent records,

but it does have a foreign key attribute that can be used to identify the parent.

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

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

Answer: C

NO.75 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?

- A.** Use a CEILING formula on each of the Latest availability date fields.
- B.** Use a DAYS formula on each of the availability date fields and a COUNT Roll-Up Summary field on the Order.
- C.** Use a LATEST formula on each of the latest availability date fields.
- D.** Use a Max Roll-Up Summary field on the Latest availability date fields.

Answer: D

NO.76 An org tracks customer orders on an Order object and the items of an Order on the Line Item object. The Line Item object has a MasterDetail relationship to the order object. A developer has a requirement to calculate the order amount on an Order and the line amount on each Line item based on quantity and price.

What is the correct implementation?

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

Answer: A

NO.77 Which three data types can a SOQL query return? Choose 3 answers

- A.** List
- B.** Long
- C.** Integer
- D.** sObject

Answer: A C D

NO.78 An org has an existing Visual Flow that creates an Opportunity with an Update records element. A developer must update the Visual Flow also created a Contact and store the created Contact's ID on the Opportunity.

- A.** Add a new Get Records element.

- B.** Add a new Create records element.
- C.** Add a new Quick Action (of type create) element.
- D.** Add a new Update records element

Answer: B

NO.79 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?

- A.** Line Items 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.

Answer: A

NO.80 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 and method using the public access modifier.
- B.** Declare the class as global and use the public access modifier on the method.
- C.** Declare the class as public and use the global access modifier on the method.
- D.** Declare the class and method using the global access modifier.

Answer: D

NO.81 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.

Answer: C

NO.82 How does the Lightning Component framework help developers implement solutions faster?

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

Answer: C

NO.83 Which code in a Visualforce page and/or controller might present a security vulnerability?

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

Answer: B

NO.84 A developer needs to create a baseline set of data (Accounts, Contacts, Products, Assets) for an entire suite of test allowing them to test independent requirements various types of Salesforce Cases.

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

- A. Use @TestSetup with a void method.
- B. Create test data before Test.startTest() in the unit test.
- C. Add @isTest(seeAllData=true) at the start of the unit test class.
- D. Create a mock using the Stub API

Answer: A

NO.85 A team of developers is working on a source-driven project that allows them to work independently, with many different org configurations. Which type of Salesforce orgs should they use for their development?

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

Answer: B

NO.86 Which two statements are true about Getter and Setter methods as they relate to Visualforce?

- A. Setter methods always have to be declared global.
- B. There is no guarantee for the order in which Getter methods are called.
- C. A corresponding Setter method is required for each Getter method.
- D. Getter methods pass values from a controller to a page.

Answer: C D

NO.87 A Salesforce developer wants to review their code changes immediately and does not want to install anything on their computer or on the org.

Which tool is best suited?

- A. Developer Console
- B. Salesforce Extension for VSCode
- C. Setup Menu
- D. Third-party apps from App Exchange

Answer: A

NO.88 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

Answer: D

NO.89 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 update. The field update in the workflow rule is configured to not re-evaluate workflow rules. What is the value of the count field if an Account is inserted with an initial value of zero, assuming no other automation logic is implemented on the Account?

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

Answer: B

NO.90 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

Answer: C

NO.91 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 static keyword and assign its value in the class constructor.
- B. Use the final keyword and assign its value in the class constructor.
- C. Use the static keyword and assign its value in a static initializer.
- D. Use the final keyword and assign its value when declaring the variable.

Answer: B D

NO.92 A developer wants to retrieve the Contacts and Users with the email address 'dev@uc.com'. Which SOSL statement should the developer use?

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

Answer: A

NO.93 Given the code below:

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

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

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

Answer: D

NO.94 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 class ContactController
- B.** public with sharing class ContactController
- C.** public without sharing class ContactController
- D.** public inherited sharing class ContactController

Answer: B D

NO.95 A developer wants to mark each Account in a List<Account> as either or Inactive based on the LastModified field value being more than 90 days. Which Apex technique should the developer use?

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

Answer: D

NO.96 What is an example of a polymorphic lookup field in Salesforce?

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

Answer: C

NO.97 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

Answer: A B

NO.98 A developer wants to invoke on outbound message when a record meets a specific criteria. Which three features satisfy this use case?

Choose 3 answer

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

Answer: A B C

NO.99 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

Answer: B

Explanation

https://developer.salesforce.com/docs/atlas.en-us.sfdx_dev.meta/sfdx_dev/sfdx_dev_scratch_orgs.htm

NO.100 A developer wrote Apex code that calls out to an external system. How should a developer write the test to provide test coverage?

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

Answer: B

NO.101 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 add 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

Answer: B

NO.102 A developer has a requirement to create an Order When an Opportunity reaches a "Closed-Won" status.

Which tool should be used to implement this requirement?

- A.** Process Builder
- B.** Lightning Component
- C.** Lightning
- D.** Apex trigger

Answer: A

NO.103 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.

Answer: D

NO.104 When importing and exporting data into Salesforce, which two statements are true?

Choose 2 answers

- A.** Bulk API can be used to import large data volumes in development environments without bypassing the storage limits.
- 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.** Data import wizard is a client application provided by Salesforce.

Answer: C D

NO.105 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 override calculate() { /*implementation*/ }
}`

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

C. Public abstract class ShippingCalculator {
 public abstract calculate() { /*implementation*/ }
 }

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

Answer: B

Explanation

the extending class can override the existing virtual methods by using the override keyword in the method definition. Overriding a virtual method allows you to provide a different implementation for an existing method
https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_extending.htm

NO.106 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?

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*/ }
 }

Answer: A

NO.107 A developer wants to get access to the standard price book in the org while writing a test class that covers an OpportunityLineItem trigger. Which method allows access to the price book?

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

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

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

D. Use @IsTest (SeeAllData=True) and delete the existing standard price book

Answer: C

NO.108 A developer is creating a page that allows users to create multiple Opportunities. The developer is asked to verify the current user's default } | Opportunity record type, and set certain default values based on the record type before inserting the record. i, J Calculator How can the

developer find the current user's default record type? ns

A. Query the Profile where the ID equals `userInfo.getProfileID()` and then use the `profile.Opportunity.getDefaultRecordType()` | | method.] |

B. o Use `Opportunity.SObjectType.getDescribe().getRecordTypeInfo()` to get a list of record types, and iterate through them until [`isDefaultRecordTypeMapping()` is true. Pencil & Paper |

C. Use the `Schema.userInfo.Opportunity.getDefaultRecordType()` method. < Create the opportunity and check the `opportunity.recordType` before inserting, which will have the record ID of the current Dal user's default record type.

Answer: B

NO.109 Which Lightning code segment should be written to declare dependencies on a Lightning component, `c:accountList`, that is used in a Visualforce page?

A)

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

B)

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

C)

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

D)

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

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A

NO.110 A Lightning component has a wired property, `searchResults`, that stores a list of Opportunities. Which definition of the Apex method, to which the `searchResults` property is wired, should be used?

A. `@AuraEnabled(cacheable=true)`

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

B. `@AuraEnabled(cacheable=true)`

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

C. `@AuraEnabled(cacheable=false)`

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

D. @AuraEnabled(cacheable=false)

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

Answer: A

NO.111 How can a developer check the test coverage of active Process Builder and Flows deploying them in a Changing Set?

A. Use the Flow properties page.

B. Use the code Coverage Setup page

C. Use the Apex testresult class

D. Use SOQL and the Tooling API

Answer: B

NO.112 Which three statements are true regarding trace flags? (Choose three.)

A. Setting trace flags automatically cause debug logs to be generated.

B. Logging levels override trace flags.

C. Trace flags override logging levels.

D. If active trace flags are not set, Apex tests execute with default logging levels.

E. Trace flags can be set in the Developer Console, Setup, or using the Tooling API.

Answer: C D E

NO.113 Which two are phases in the Salesforce Application Event propagation framework? Choose 2 answers

A. Bubble

B. Default

C. Capture

Answer: B C

NO.114 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

Answer: A

NO.115 What should a developer do to check the code coverage of a class after running all tests?

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

B. View the Class test Coverage tab on the Apex Class record.

C. view the overall Code Coverage panel of the tab in the Developer Console.

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

Answer: B

NO.116 Which code displays the contents of a Visualforce page as a PDF?

- A. <apex:page contentType="pdf">
- B. <apex:page rendersAs="application/pdf">
- C. <apex:page contentType="application/pdf">
- D. <apex:page renderAs="pdf">

Answer: D

Explanation

[https://developer.salesforce.com/docs/atlas.en-](https://developer.salesforce.com/docs/atlas.en-us.pages.meta/pages/pages_output_pdf_renderas.htm)

[us.pages.meta/pages/pages_output_pdf_renderas.htm](https://developer.salesforce.com/docs/atlas.en-us.pages.meta/pages/pages_output_pdf_renderas.htm) You can generate a downloadable, printable PDF file of a Visualforce page using the PDF rendering service.

Convert a page to PDF by changing the <apex:page> tag.

<apex:page renderAs="pdf">

NO.117 Which two are best practices when it comes to component and application event handling? (Choose two.)

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

Answer: A C

NO.118 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.
- C. All triggers must have at least 75% test coverage.
- D. All test and triggers must have at least 75% test coverage combined

Answer: A B

NO.119 A developer wants to import 500 Opportunity records into a sandbox. Why should the developer choose to use data Loader instead of Data Import Wizard?

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

Answer: B

NO.120 What are the methods used to show input in classic and lightning ?

Answer:

Use visualforce page in classic and lightning component in lightning

NO.121 A Next Best Action strategy uses an Enhance Element that invokes an Apex method to determine a discount level for a Contact, based on a number of factors. What is the correct definition of the Apex method?

A. @InvocableMethod

global 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*/ }
```

Answer: B

NO.122 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 escapeSingleQuote method to sanitize the parameter before its use.

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

D. Use the @ReadOnly annotation and the with sharing keyword on the class.

Answer: A B

NO.123 A workflow updates the value of a custom field for an existing Account.

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

A. By writing, a Before Update trigger and accessing the field value from Trigger.new

B. By writing an After Insert trigger and accessing the field value from Trigger.old

C. By writing an After Update trigger and accessing the field value from Trigger.old

D. By writing a Before Insert trigger and accessing the field value from Trigger.new

Answer: A

NO.124 What can used to delete components from production?

A. A change set deployment with the delete option checked

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

C. A change set deployment with a destructivechanges XML file

D. An ant migration tool deployment with a destructivechanges XML file and an empty package .xml file

Answer: B

NO.125 Which three resources in an Azure Component can contain JavaScript functions?

A. Controllers

B. helper

- C. Design
- D. Style
- E. Renderer

Answer: A B E

NO.126 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 thisOppld :
 opportunityIds){ oppLineItems.addAll([Select Id FROM OpportunityLineItems WHERE OpportunityId =
 :thisOppld]); } 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. Refactor 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.

Answer: D

NO.127 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?

- A. Add custom controller attributes to display the message.
- B. Include <apex:message> on the Visualforce page.
- C. Use a try/catch with a custom exception class.
- D. Perform the DML using the Database.upsert() method.

Answer: B

NO.128 What can be developed using the Lightning Component framework?

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

Answer: B

NO.129 A developer must write an Apex method that will be called from a Lightning component.
 The method may delete an Account stored in the accountRec variable.
 Which method should a developer use to ensure only users that should be able to delete Accounts
 can successfully perform deletions?

- A. Schema.sObjectType.Account.isDeletable()
- B. Account.isDeletable()
- C. accountRec.isDeletable()

D. `accountRec.sObjectType.isDeletable()`

Answer: A

NO.130 Application Events follow the traditional publish-subscribe model. Which method is used to fire an event?

A. `Fire()`

B. `Emit()`

C. `RegisterEvent()`

D. `FireEvent()`

Answer: A

NO.131 A developer needs to create a custom button for the Account object that, when clicked, will perform a series of calculation and redirect the user to a custom visualforce page.

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

Choose 3 answers

A. `renderAs`

B. `standard Controller`

C. `readOnly`

D. `Action`

E. `extensions`

Answer: A B E

NO.132 Which action may cause triggers to fire?

A. Updates to Feed Items

B. Renaming or replacing a picklist entry

C. Changing a user's default division when the transfer division option is checked

D. Cascading delete operations

Answer: A

NO.133 For which three items can a trace flag be configured?

Choose 3 answers

A. Process Builder

B. Visualforce

C. Apex Class

D. Apex Trigger

E. User

Answer: C D E

NO.134 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 execution, which two events occur as a result of the Apex transaction?

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

Choose 2 answers

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

Answer: C

NO.135 A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. The field update in the workflow rule is configured to not re-evaluate workflow rules.

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

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

Answer: D

NO.136 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, objectType, Contact, isUpdatable ())

- B. Use if (Schema , objectType.Contact. Field, Is_Active_c. is Updateable ())
- C. Use if (Schema.sObjectType.Contact.isAccessible ())
- D. Use if (thisContact.Owner == UserInfo.getUserId ())

Answer: A B

NO.137 A recursive transaction is limited by a DML statement creating records for these two objects:

1. Accounts
2. Contacts

The Account trigger hits a stack depth of 16.

Which statement is true regarding the outcome of the transaction?

- A. The transaction fails only if the Contact trigger stack depth is greater or equal to 16.
- B. The transaction succeeds as long as the Contact trigger stack depth is less than 16.
- C. The transaction fails and all the changes are rolled back.
- D. The transaction succeeds and all the changes are committed to the database.

Answer: D

NO.138 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 annotation can be defined per Apex class.

Answer: C D E

NO.139 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 to meet this requirement?

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

Answer: A

NO.140 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?

Answer:

Flow Builder

NO.141 Given the following trigger implementation:

```
trigger leadTrigger on Lead (before update){
final ID BUSINESS_RECORDTYPEID = '012500000009Qad';
```

```

for(Lead thisLead : Trigger.new){
if(thisLead.Company != null && thisLead.RecordTypeId != BUSINESS_RECORDTYPEID){
thisLead.RecordTypeId = BUSINESS_RECORDTYPEID;
}
}
}

```

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

What should the developer do to ensure a successful deployment?

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

Answer: B

NO.142 Which three web technologies can be integrated into a Visualforce page? (Choose three.)

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

Answer: A B E

NO.143 What are three capabilities of the <ltng : require> tag when loading JavaScript resources in Aura components?

Choose 3 answers

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

Answer: B C D

NO.144 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%');

Answer: B

NO.145 Refer to the following code that runs in an Execute Anonymous block:

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

- A. In an environment where the full result set is returned, what is a possible outcome of this code?
- B. The total number of records processed as a result of DML statements will be exceeded
- C. The total number of records processed as a result of DML statements will be exceeded.
- D. The transaction will succeed and the first ten thousand records will be committed to the database.
- E. The total number of DML statements will be exceeded.

Answer: B

NO.146 Which two characteristics are true for Aura component events?

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

Answer: A D

NO.147 which statement is true regarding execution order when triggers are associated to the same object and event?

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

Answer: A

NO.148 A developer is creating a test coverage for a class and needs to insert records to validate functionality. Which method annotation should be used to create records for every method in the test class?

- A. @BeforeTest
- B. @isTest(SeeAllData=True)
- C. @TestSetup
- D. @PreTest

Answer: C

NO.149 A developer has to identify a method in en 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 SOQL 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 @ReadOnly annotation to bypass the number of rows returned by a SOQL.
- B.** Use Partial DML statements to ensure only valid data is committed.
- C.** Use the Database.Savepoint method to enforce database Integrity.
- D.** Use the System.Limit class to monitor the current CPU governor limit consumption.

Answer: C D

NO.150 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 situations.

Which two reasons possibly explain the Account trigger firing recursively? (Choose two.)

- A.** Changes to Opportunities are causing cross-object workflow field updates to be made on the Account.
- B.** Changes to Opportunities are causing roll-up summary fields to update on the Account.
- C.** Changes are being made to the Account during an unrelated parallel save operation.
- D.** Changes are being made to the Account during Criteria Based Sharing evaluation.

Answer: A B

NO.151 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() method.
- C.** The Apex governor limits are relaxed while calling the constructor of the Apex class.
- D.** The Apex governor limits cannot be exceeded due to the asynchronous nature of the transaction,

Answer: A B

NO.152 Which code displays the content of Visualforce page as PDF?

- A.** <apex:page renderAs="pdf">
- B.** <apex:page readeras" application/pdf">
- C.** <apex:page readerAs= "application/pdf">
- D.** <apex:page contentType " application/pdf">

Answer: A

NO.153 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

Answer: D

NO.154 While writing a test class that covers an OpportunityLineItem trigger, a Developer is unable to create a standard PriceBook since one already exists in the org.

How should the Developer overcome this problem?

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

Answer: A

NO.155 Which two statements are accurate regarding Apex classes and interfaces?

Choose 2 answers

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

Answer: C D

NO.156 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) {}
}

Answer: B

NO.157 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*/ }

Answer: C

NO.158 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 failing test methods from the test class.
- D.** Increase the test class coverage on the helper class

Answer: C

NO.159 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.** Validation Rule
- C.** Formula Field
- D.** workflow Rule

Answer: B

NO.160 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];
}

```

Answer: C

NO.161 What are two ways that a controller and extension can be specified on a Visualforce page?
Choose 2 answers

- A. a@pex:page=Account extends="myControllerExtension"
- B. Qo apex:page standardController="Account" extensions="myControllerExtension"
- C. apex:page controllers="Account, myControllerExtension"
- D. apex:page controller="Account" extensions="myControllerExtension"

Answer: B D

NO.162 Which scenario is valid for execution by unit tests?

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

Answer: B

NO.163 What should be used to create scratch orgs?

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

Answer: B

NO.164 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.

Answer: B

NO.165 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 virtual void calculate() { /*implementation*/ }
```
- C.

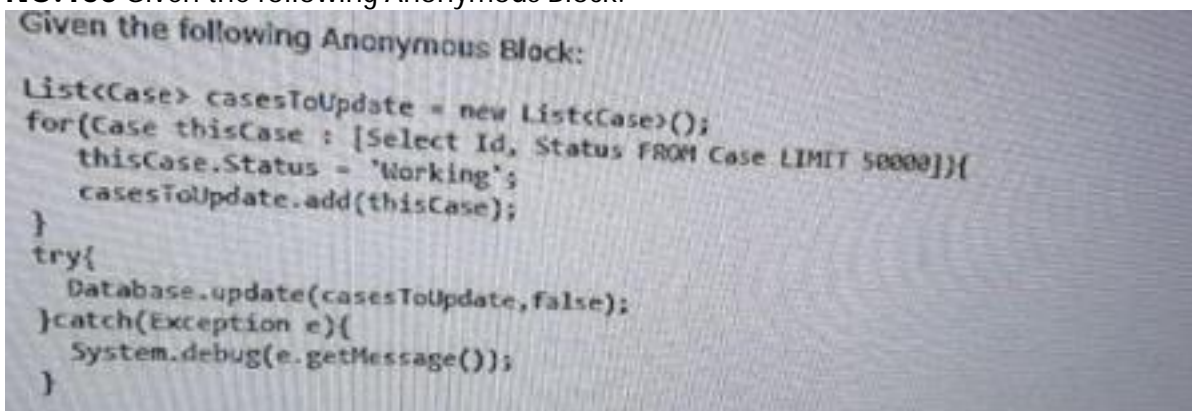
```
public abstract class ShippingCalculator {
    public void calculate() { /*implementation*/ }
```
- D.

```
public abstract class ShippingCalculator {
    public override calculate() { /*implementation*/ }
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NO.166 Given the following Anonymous Block:



```
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());
}
```

Which one do you like?

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 transaction will succeed and changes will be committed.
- D. The try/catch block will handle exceptions thrown by governor limits.

Answer: A

NO.167 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

Answer: A

NO.168 What is a benefit of developing applications in a multi-tenant environment?

- A. Enforced best practices for development
- B. Access to predefined computing resources
- C. Unlimited processing power and memory
- D. Default out-of-the-box configuration

Answer: A

NO.169 The Job_Application__c custom object has a field that is a Master-Detail relationship to the Contact object, where the Contact object is the Master. As part of a feature implementation, a developer needs to retrieve a list containing all Contact records where the related Account Industry is 'Technology' while also retrieving the contact's Job_Application__c records.

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

- A. [SELECT Id, (SELECT Id FROM Job_Applications_r) FROM Contact WHERE Account.Industry = 'Technology'];
- B. [SELECT Id, (SELECT Id FROM Job_Applications_r) FROM Contact WHERE Accounts.Industry = 'Technology'];
- C. [SELECT Id, (SELECT Id FROM Job_Applications_c) FROM Contact WHERE Accounts.Industry = 'Technology'];
- D. [SELECT Id, (SELECT Id FROM Job_Application_c) FROM Contact WHERE Account.Industry = 'Technology'];

Answer: B

NO.170 Which standard field is required when creating a new contact record?

- A. LastName
- B. Name
- C. AccountId
- D. FirstName

Answer: A

NO.171 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.

Answer: B

NO.172 How many accounts will be inserted by the following block of code? `for(Integer i = 0 ; i < 500; i++) { Account a = new Account(Name='New Account ' + i); insert a; }`

0

87. `Boolean 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;}`

A. X=4

B. X=8

C. X=9

D. X=10

Answer: A

NO.173 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?

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

B. Maintain all three triggers on the `Expense__c` object, but move the Apex logic out for the trigger definition.

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

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

Answer: C D

NO.174 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.

Answer: A

NO.175 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 Core IDE
- D.** Developer Console

Answer: D

NO.176 Which salesforce org has a complete duplicate copy of the production org including data and configuration?

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

Answer: D

NO.177 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.

Answer: A

NO.178 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 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 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.

Answer: A

NO.179 Universal Container use a simple order Management app. On the Order Lines, the order line total is calculated by multiplying the item price with the quantity ordered. There is a Master-Detail relationship between the Order and the Order Lines object.

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

- A.** Roll-Up Summary Field

- B. Apex Trigger
- C. Process Builder
- D. Declarative Roll-Up Summaries App

Answer: A

NO.180 A team of many developers work in their own individual orgs that have the same configuration at the production org. Which type of org is best suited for this scenario?

- A. Developer Sandbox
- B. Developer Edition
- C. Full Sandbox
- D. Partner Developer Edition

Answer: A

NO.181 Which code should be used to update an existing Visualforce page that uses standard Visualforce components so that the page matches the look and feel of Lightning Experience?

- A. <apex:page lightningStyleSheets="true">
- B. <apex:page>
- C. <apex:commandButton styleClass="slds-vf-button_brand" value="Refresh the Page">
- D. apex:actionStatus

Answer: A

NO.182 What will be the output in the debug log in the event of a QueryException during a call to the @query method in the following Example?

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

- A. Querying Accounts. Query Exception.
- B. Querying Accounts. Custom Exception.

- C. Querying Accounts. Query Exception. Done
- D. Querying Accounts. Custom Exception Done.

Answer: C

NO.183 Given the following Apex statement:

Account myAccount = [SELECT Id, Name FROM Account];

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

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

Answer: D

NO.184 Which two types of process automation can be used to calculate the shipping cost for an Order when the Order is placed and apply a percentage of the shipping cost of some of the related Order Products?

Choose 2 answers

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

Answer: C D

NO.185 What should a developer use to obtain the Id and Name of all the Leads, Accounts, and Contacts that have the company name "Universal Containers"?

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

Answer: A

NO.186 In the following example, which sharing context will myMethod execute when it is invoked?

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

Answer: A

NO.187 Which exception type cannot be caught?

- A. Custom Exception

- B. CalloutException
- C. LimitException
- D. NoAccessException

Answer: C

NO.188 A developer needs to have records with specific field values in order to test a new Apex class.

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

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

Answer: C

NO.189 What are two ways for a developer to execute tests in an org?

- A. Tooling API
- B. Developer console
- C. Bulk API
- D. Metadata API

Answer: A B