

# Salesforce

## Exam Questions Platform-Developer-II

Platform Developer II



**NEW QUESTION 1**

- (Exam Topic 1)

Consider the following queries. For these queries, assume that there are more than 200,000 Account records. These records include soft-deleted records; that is, deleted records that are still in the Recycle Bin. Note that there are two fields that are marked as External Id on the Account. These fields are Customer\_Number\_\_\_\_c and ERP\_Key\_\_\_\_c.

Which two queries are optimized for large data volumes? Choose 2 answers

- A. SELECT Id FROM Account WHERE Id IN : aListVariable
- B. SELECT Id FROM Account WHERE Name != ' ' AND IsDeleted = false
- C. SELECT Id FROM Account WHERE Name != NULL
- D. SELECT Id FROM Account WHERE Name != ' ' AND Customer Number c = 'ValueA'

**Answer:** AD

**NEW QUESTION 2**

- (Exam Topic 1)

ABC Company has an Apex process that makes multiple extensive database operation and web service callouts. The database processes and web services can take a length time to run and must be run sequentially.

How should the developer write this Apex code without running into governor limits and system limitations?

- A. Use Limits class to stop entire process once governor limits are reached.
- B. Use multiple @future methods for each process and callout.
- C. Use Queueable Apex to chain the jobs to run sequentially.
- D. Use Apex Scheduler to scheduled each process.

**Answer:** A

**NEW QUESTION 3**

- (Exam Topic 1)

Which are relevant practices while analyzing the timeline of different types of transactions in the execution overview panel? (Choose two.)

- A. Log lines in the execution log panel can be analyzed for details about specific events
- B. The performance tree should be use to analyze events further starting from the one that take the least amount of time
- C. The execution tree can be used with the execution log to filter and get specific information about events
- D. Multiple short bursts of Apex events should be analyzed since they can add up to a significant amount of time

**Answer:** AD

**NEW QUESTION 4**

- (Exam Topic 1)

An integration user makes a successful login() call via the SOAP API.

What can be used in the SOAP header to provide server authorization for subsequent API requests?

- A. Named Credentials
- B. Session ID
- C. OAuth access token
- D. Security token

**Answer:** B

**NEW QUESTION 5**

- (Exam Topic 1)

An org has a custom object, Registration\_c that has a lookup relationship to the Opportunity object.

What should a developer use to create a stand-alone Visualforce page that displays the Registration c records related to an Opportunity.

- A. A standard controller with a controller extension
- B. A controler extension
- C. A custom controller
- D. A standard controller

**Answer:** D

**NEW QUESTION 6**

- (Exam Topic 1)

A Developer wishes to improve runtime performance of Apex calls by caching results on the client. What is the best way to implement this?

- A. Decorate the server-side method with @AuraEnabled(cacheable=true).
- B. Set a cookie in the browser for use upon return to the page.
- C. Decorate the server-side method with @AuraEnabled(storable=true).
- D. Call the setStorable() method on the action in the JavaScript client-side code.

**Answer:** A

**NEW QUESTION 7**

- (Exam Topic 1)

A company uses an external system to manage its custom account territory assignments. Every quarter, millions of Accounts may be updated in Salesforce with new Owners when the territory assignments are completed in the external system. What is the optimal way to update the Accounts from the external system?

- A. Apex REST Web Service
- B. Composite REST API
- C. SOAP API
- D. Bulk API

**Answer:** A

#### NEW QUESTION 8

- (Exam Topic 1)

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

- A. Database.insert(records, false)
- B. Database.insert(records, true)
- C. insert records
- D. insert (records, false)

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 1)

Which use case can only be performed by using asynchronous Apex?

- A. Scheduling a batch process to complete in the future
- B. Processing high volumes of records
- C. Updating a record after the completion of an insert
- D. Calling a web service from an Apex trigger

**Answer:** D

#### NEW QUESTION 10

- (Exam Topic 1)

What is the transaction limit for the number of SOSL queries?

- A. 20
- B. 2,000
- C. 100 (synchronous), 200 (async)
- D. 200 (synchronous), 100 (async)
- E. There is no limit

**Answer:** A

#### NEW QUESTION 10

- (Exam Topic 1)

What Salesforce tool lets you deploy/retrieve metadata, check status of apex jobs, and check responses of REST calls?

- A. Force.com Migration Tool
- B. Developer Console
- C. Workbench
- D. Streaming API

**Answer:** C

#### NEW QUESTION 11

- (Exam Topic 1)

An Apex trigger creates an Order\_\_\_\_\_c record every time an Opportunity is won by a Sales Rep. Recently the trigger is creating two orders. What is the optimal method for a developer to troubleshoot this?

- A. Run the Apex Test Classes for the Apex trigger to ensure the code still has sufficient code coverage.
- B. Turn off all Workflow Rules, then turn them on one at a time to see which one causes the error.
- C. add system.debug() statements to the code and use the Developer Console logs to trace the code.
- D. Set up debug logging for every Sales Rep, then monitor the logs for errors and exceptions.

**Answer:** C

#### NEW QUESTION 16

- (Exam Topic 1)

A company has a web page that needs to get Account record information, given its Salesforce record ID, from JavaScript on the page and then display it. Which method of integration is optimal?

- A. SOAP API
- B. Apex REST Web Service
- C. Apex SOAP Web Service
- D. REST API

**Answer:** B

#### NEW QUESTION 19

- (Exam Topic 1)

A developer writes the following code:

```
public with sharing class OrderController() public PageReference sendOrder()  
{  
    Order_c order = new Order_c insert order; ExternalOrder externalOrder = new  
    ExternalOrder(order); Http h = new Http(); HttpRequest req = new HttpRequest  
    (); req.setEndpoint('https://www.example.org/v1/orders'); req.setMethod  
    ('POST'); req.setBody(JSON.serialize(externalOrder)); HttpResponse res =  
    h.send(req); order = (ExternalOrder)JSON.deserialize(res.getBody  
    (), ExternalOrder.class);  
}
```

While testing the code, the developer receives the following error message: System.CalloutException : You have uncommitted work pending What should the developer do? (Choose two.)

- A. Use the asyncSend() method of the HTTP class to send the request in async context
- B. Ensure all callouts are completed prior to executing DML statements
- C. Move the web service callout into an @future method
- D. Use Database.insert (order, true) to immediately commit any database changes

**Answer:** BC

#### NEW QUESTION 22

- (Exam Topic 1)

A developer created three Rollup Summary fields: Total\_timesheets\_c, Total\_Approved\_timesheet\_c and Total\_project\_Timesheet\_c in the custom object, project\_c

Now, the developer is tasked with created a new field to show the ratio between and approved

- A. No test methods will be executed during deployment.
- B. A test class that validates the formula field is needed for deployment.
- C. Using a formula field reduces maintenance overhead.
- D. A formula field will calculate the value retroactively for existing records.

**Answer:** CD

#### NEW QUESTION 27

- (Exam Topic 1)

A developer is integrated with a legacy on-premises SQL database.

What should the developer use to ensure the data being integrated is matched to the right records in Salesforce?

- A. External Object
- B. Lookup field
- C. Formula field
- D. External Id field

**Answer:** D

#### NEW QUESTION 32

- (Exam Topic 1)

A developer has written an After Update trigger on Account. A workflow rule and field update cause the trigger to repeatedly update the Account records.

How should the developer handle the recursive trigger?

- A. Deactivate the trigger and move the logic into a Process or Flow
- B. Deactivate the workflow rule to prevent the field update from executing
- C. Use a static variable to prevent the trigger from executing more than once
- D. Use a global variable to prevent the trigger from executing more than once

**Answer:** C

#### NEW QUESTION 34

- (Exam Topic 1)

A company has code to update a Request and Request Lines and make a callout to their external ERP system's REST endpoint with the updated records.

```
public void updateAndMakeCallout (Map<Id, Request__c> reqs, Map<Id, Request_Line__c> reqLines) {  
    Savepoint sp = Database.setSavepoint();  
    try {  
        insert reqs.values();  
        insert reqLines.values();  
        HttpResponse response = CalloutUtil.makeRestCallout (reqs.keySet(), reqLines.keySet());  
    } catch (Exception e) {  
        Database.rollback(sp);  
        System.debug(e);  
    }  
}
```

The CalloutUtil. makeRestCallout fails with a 'You have uncommitted work pending. Please commit or rollback before calling out' error. What should be done to address the problem?

- A. Change the CalloutUtil.makeRestCallout to an @InvocableMethod method.
- B. Remove the Database.setSavepoint and Database.rollback.
- C. Move the CalloutUtil.makeRestCallout method call below the catch block.
- D. Change the CalloutUtil.makeRestCallout to an @future method

**Answer: D**

#### NEW QUESTION 35

- (Exam Topic 1)

A managed package uses a list of country ISO codes and country names as references data in many different places.. managed package Apex code. What is the optimal way to store and retrieve the list?

- A. Store the information in Custom Metadata and query it with SOQL.
- B. Store the information in Custom Metadata and access it with the getAll() method.
- C. Store the information in a List Custom Setting and query it with SOQL.
- D. Store the information in a list Custom Setting and access it with the getAll() method

**Answer: C**

#### NEW QUESTION 39

- (Exam Topic 1)

A Visualforce Page throws an Attempt to dereference a null object error for a Contact. What change In the controller will fix the error?

- A. Declare a static final Contact at the top of the controller.
- B. Change the setters signature to return a Contact.
- C. Use a condition in the getter to return a new Contact if it is null.
- D. Change the getter's signature to be static Contact.

**Answer: C**

#### NEW QUESTION 41

- (Exam Topic 1)

A developer is writing code that requires making callouts to an external web service. Which scenario necessitates that the callout be made in an @future method?

- A. The callouts will be made in an Apex Test class.
- B. The callouts will be made in an Apex Trigger.
- C. The callout could take longer than 60 seconds to complete.
- D. over 10 callouts will be made in a single transaction.

**Answer: B**

#### NEW QUESTION 45

- (Exam Topic 1)

A Lightning Component has a section that displays some information about an Account and it works well on the desktop, but users have to scroll horizontally to see the Description field output on their mobile devices and tablets.

```
<lightning:layout multipleRows="false">  
    <lightning:layoutItem size="6">(!v.rec.Name)</lightning:layoutItem>  
  
    <lightning:layoutItem size="6">(!v.rec.Description__c)</lightning:layoutItem>  
</lightning:layout>
```

Which option has the changes to make the component responsive for mobile and tablet devices?

A)



```
<lightning:layout multipleRows="false">
  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Name}
</lightning:layoutItem>

  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Description__c}
</lightning:layoutItem>
</lightning:layout>
```

B)

```
<lightning:layout multipleRows="false">
  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Name}
</lightning:layoutItem>

  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Description__c}
</lightning:layoutItem>
</lightning:layout>
```

C)

```
<lightning:layout multipleRows="true">
  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Name}
</lightning:layoutItem>

  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Description__c}
</lightning:layoutItem>
</lightning:layout>
```

D)

```
<lightning:layout multipleRows="true">
  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Name}
</lightning:layoutItem>

  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Description__c}
</lightning:layoutItem>
</lightning:layout>
```

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

**Answer: D**

#### NEW QUESTION 50

- (Exam Topic 1)

The "Webservice" keyword .

- A. Method must be static, and class must be global
- B. Can be used on all classes
- C. Used for any member variables included
- D. All of the above

**Answer: D**

#### NEW QUESTION 52

- (Exam Topic 1)

Which of the following standard fields are indexed? (Choose three.)

- A. Name
- B. CreatedBy
- C. SystemModStamp
- D. LastModifiedDdate
- E. RecordType

**Answer: ABC**

#### NEW QUESTION 55

- (Exam Topic 1)

What is the transaction limit on the recursive trigger depth?

- A. 10
- B. 17
- C. 16
- D. 3
- E. There is no limit

**Answer: C**

#### NEW QUESTION 57

- (Exam Topic 1)

After a Platform Event is defined in a Salesforce org, events can be published via which two mechanisms? Choose 2 answers

- A. internal Apps can use Outbound Messages
- B. Internal Apps can use Process Builder.

- C. External Apps require a custom Apex web service.
- D. External Apps can use the standard Streaming API.

**Answer:** AB

#### NEW QUESTION 58

- (Exam Topic 1)

What are three benefits of using static resources in Visualforce and Lightning Components? Choose 3 answers

- A. Static resource files can be packaged into a collection of related files in a zip or jar archive.
- B. Static resource files do not count against an organization's quota of data storage.
- C. Static resource files are automatically minified.
- D. Relative paths can be used in files in static resource archives to refer to other content within the archive.
- E. Static resource files can be referenced by using the \$Resource global variable instead of hardcoded IDs.

**Answer:** ADE

#### NEW QUESTION 60

- (Exam Topic 1)

Invokable methods accept sObjects as parameters.

- A. True
- B. False

**Answer:** B

#### NEW QUESTION 62

- (Exam Topic 1)

Recently a Salesforce org's integration failed because it exceeded the number of allowed API calls in a 24- hour period. The integration handles a near real-time, complex insertion of data into Salesforce. The flow of data is as follows: The integration looks up Contact records with a given email address and, if found, the integration adds a Task to the first matching Contact it finds. If a match is not found, the integration looks up Lead records with a given email address and, if found, the integration adds a Task to the first matching Lead it finds. If a match is not found, the integration will create a Lead and a Task for that newly created Lead. What is one way in which the integration can stay near real-time, but not exceed the number of allowed API calls in a 24-hour period?

- A. Use the REST API as well as the SOAP API to effectively double the API calls allowed in a 24-hour period.
- B. write a custom Apex web service that, given an email address, does all of the logic the integration code was doing.
- C. Create several Apex InboundEmailHandlers to accept calls from the third-party system, thus bypassing the API limits.
- D. Create an Inbound Message that, using Flow, can do all of the logic the integration code was doing.

**Answer:** C

#### NEW QUESTION 67

- (Exam Topic 1)

A custom field Exec\_Count\_c of type Number is created on an Account object. An account record with value of "1" for a: Exec\_\_Count\_c is saved. A workflow field update is defined on the Exec\_Count\_c field, to increment its value every time an account record is created or updated. The following trigger is defined on the account:

```
trigger ExecOrderTrigger on Account (before insert, before update, after insert, after update){ for (Account accountInstance: Trigger.New){ if (Trigger . isBefore){ accountInstance Exec_Count_c += 1; } System, debug (accountInstance.Exec_Count_c); } }
```

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

**Answer:** C

#### NEW QUESTION 68

- (Exam Topic 1)

What is the correct order of execution for Visualforce Page "get" requests (initial page visit)?

- A. Evaluate constructors on controller and extensions2) If there's a <apex:form> element, create the view state3) Evaluate expressions, <apex:page> attribute actions, and other method calls (getters/setters) on main page4) Evaluate constructors, extensions, and expression on attribute definitions on any custom components present5) Send HTML to Browser
- B. Evaluate constructors, extensions, and expression on attribute definitions on any custom components present2) Evaluate constructors on controller and extensions3) Evaluate expressions, <apex:page> attribute actions, and other method calls (getters/setters) on main page4) If there's a <apex:form> element, create the view state5) Send HTML to Browser
- C. Evaluate constructors on controller and extensions2) Evaluate constructors, extensions, and expression on attribute definitions on any custom components present3) Evaluate expressions, <apex:page> attribute actions, and other method calls (getters/setters) on main page4) If there's a <apex:form> element, create the view state5) Send HTML to Browser

**Answer:** C

#### NEW QUESTION 69

- (Exam Topic 1)

A developer wrote a test class that successfully asserts a trigger on Account. It fires and updates data correctly in a sandbox environment.

A salesforce admin with a custom profile attempts to deploy this trigger via a change set into the production environment, but the test class fails with an insufficient

privileges error.

What should a developer do to fix the problem?

- A. Add system.runAs ( ) to the test class to execute the trigger as a user with the correct object permissions.
- B. Configure the production environment to enable "Run All tests as Admin User."
- C. Verify that Test, statement ( ) is not inside a For loop in the test class.
- D. Add seeAllData=true to the test class to work within the sharing model for the production environment.

**Answer:** A

#### NEW QUESTION 72

- (Exam Topic 1)

A developer has generated Apex code from a WSDL for an external web service. The web service requires Basic authentication.

What code should the developer use to authenticate?

- A. Http.setHeader ( 'Authorization' , 'Basic QthZGprjpchVulHNchFtZQ!')
- B. stub.inputHttpHeaders\_x.put('Authorization' , 'Basic QthZGprJpchVulHNchFtZQ')
- C. Http.setAuthentication('Basic QthZGprjpchVulHNchFtZQ')
- D. stub.authentication.put ( 'Authorization','Basic QthZGprjpchVulHNchFtZQ')

**Answer:** B

#### NEW QUESTION 75

- (Exam Topic 1)

Consider the following code snippet, depicting an Azure component:

```
<aura:component>

    <lightning:input type="Text" name="searchString" aura:id="search1" label="Search String"/>
    <br/>
    <lightning:button label="Search" onclick="{!c.performSearch}"/>

</aura:component>
```

Which two interfaces can the developer implement to make the component available as a quick action? Choose 2 answers

- A. Force:lightningQuickAction
- B. Force:hasRecordId
- C. Force hasObjectName
- D. Lightning QuickActionAPI
- E. Force:lightningQuickActionWithoutHeader

**Answer:** AE

#### NEW QUESTION 76

- (Exam Topic 1)

A developer is building a Visualforce page that interacts with external services.

Which interface should the developer implement to test this functionality? (Choose two.)

- A. HTTPCalloutMock
- B. HTTPRequestMock
- C. HTTPResponseMock
- D. StaticResourceCalloutMock

**Answer:** AD

#### NEW QUESTION 79

- (Exam Topic 1)

Which scenario requires a developer to use an Apex callout instead of Outbound Messaging?

- A. The callout needs to be asynchronous.
- B. The callout needs to be invoked from a Workflow Rule.
- C. The Target system uses a REST API.
- D. The Target system uses a SOAP API.

**Answer:** C

#### NEW QUESTION 83

- (Exam Topic 1)

Which statement is true regarding the use of user input as part of a dynamic SOQL query?

- A. Free text input should not be allowed, to avoid SOQL injection
- B. The String.format() method should be used to prevent injection
- C. Quotes should be escaped to protect against SOQL injection
- D. The string should be URL encoded by the input form to prevent errors



**Answer:** C

#### NEW QUESTION 87

- (Exam Topic 1)

A developer is working on code that requires a call to an external web service from a batch. How should the developer enable this functionality?

- A. Implement a custom System.CalloutException class
- B. Include Database.AllowCallout() in the class definition
- C. Implement an @future method for the callout, and invoke it from the batch
- D. Specify "callout=true" in the batch implementation

**Answer:** B

#### NEW QUESTION 89

- (Exam Topic 1)

A company has a Lightning Page with many Lightning Components, some that cache reference data. It is reported that the page does not always show the most current reference data. What can a developer use to analyze and diagnose the problem in the Lightning Page?

- A. Salesforce Lightning Inspector Storage Tab
- B. Salesforce Lightning Inspector Actions Tab
- C. Salesforce Lightning Inspector Event Log Tab
- D. Salesforce Lightning Inspector Transactions Tab

**Answer:** A

#### NEW QUESTION 90

- (Exam Topic 1)

What is a potential design issue with the following code?

```
trigger accountTrigger on Account (before update){ Boolean processOpportunity
= false; List<opportunity> opptysClosedLost = new List<opportunity>()
List<opportunity> IstAllOpp = [select StageName from Opportunity where
accountId IN :Trigger.newMap.keySet()]; if(!IstAllOpp.isEmpty())
processOpportunity = true; while(processOpportunity){ for(opportunity o :
IstAllOpp) if(o.StageName == 'Closed - Lost') opptysClosedLost.add(o);
processOpportunity = false; if(!opptysClosedLost.isEmpty()) delete
opptysClosedLost;
```

- A. SOQL could be avoided by creating a formula field for StageName in Account from the related Opportunity
- B. The code will result in a System.LimitException : Too many script statements error
- C. The code will result in a System.DmException:Entity\_is\_Deleted error
- D. The code will result in a System.LimitException: Apex CPU time limit exceeded error

**Answer:** D

#### NEW QUESTION 94

- (Exam Topic 1)

A developer is writing a complex application involving triggers, workflow rules, Apex classes, and processes. The developer needs to carefully consider the order of execution when developing the application.

- \* 1. Before Triggers
- \* 2. After Triggers
- \* 3. Post commit logic such as sending email
- \* 4. DML committed to the database
- \* 5. Workflow rules
- \* 6. Roll-up summary calculations

In what order do the following operations execute?

- A. 1,2,5,6,4,3
- B. 1,5,6,2,4,3
- C. 1,2,4,5,6,3
- D. 1,6,5,2,4,3

**Answer:** A

#### NEW QUESTION 99

- (Exam Topic 1)

Universal Containers wants to use an external Web Service provided by a third-party vendor to validate that shipping and billing addresses are correct. The current vendor uses basic password authentication, but Universal Containers might switch to a different vendor who uses OAuth. What would allow Universal Containers to switch vendors without updating the code to handle authentication?

- A. Custom Setting (List)
- B. Custom Metadata
- C. Named Credential

D. Dynamic Endpoint

**Answer:** C

#### NEW QUESTION 104

- (Exam Topic 1)

What is the transaction limit for the number of DML statements allowed?

- A. 20
- B. 2,000
- C. 100 (synchronous), 200 (async)
- D. 200 (synchronous), 100 (async)
- E. 150

**Answer:** E

#### Explanation:

Includes Approval functions, rollbacks/savepoints, and System.runAs

#### NEW QUESTION 106

- (Exam Topic 1)

A developer is creating unit tests for code that makes SOAP web service callouts. The developer needs to insert some test data as a part of the unit tests setup.

What are three actions to enable this functionality? (Choose three.)

- A. Surround the callout with Test.startTest(), Test.stopTest()
- B. Surround the data insertion with Test.startTest(), Test.stopTest()
- C. Implement the WebServiceMock interface
- D. Update code to call Test.setMock()
- E. Implement the HttpCalloutMock interface

**Answer:** ACD

#### NEW QUESTION 108

- (Exam Topic 1)

A developer has requirement to query three fields (id, name, Type) from an Account and first and last names for all Contacts associated with the Account.

Which option is the preferred optimized method to achieve this for the Account named 'Ozene Electronics'?

- A. Account a = (SELECT ID, Name, Type from Account where name= Ozone Electronics;) list 1contacts = (SELECT firstname, lastname from Contacts where accountid=: a -ID0;
- B. Account a = (SELECT ID, Name, Type, (select contat,firstName, Contact,LastName from Account, Contacts) from Account where name; Ozone Electronic' Limit 1 );
- C. List 1Accounts = (Select ID, Name, Type from Account Join (Select ID, firstname, lastname form Contact where contact account , name 'ozone electronics));
- D. List 1Contacts = new list ( );for(Contact c ; 1Select firstname, lastname Account, Name Account,ID Account, Type from Contactwhere Account: Name='electronics')) ( iContacts.add(c);)

**Answer:** B

#### NEW QUESTION 112

- (Exam Topic 1)

Which is a valid Apex REST Annotation? (Choose two.)

- A. @Http Patch
- B. @HttpDelete
- C. @HttpUpsert
- D. @HttpAction

**Answer:** AB

#### NEW QUESTION 115

- (Exam Topic 1)

```
<lightning:button label="Save" onclick="{!c.handleSave}" />

({
  handleSave : function (component, event, helper) {
    helper.saveAndRedirect(component);
  }
})
```

A company has the Lightning Component above that allows users to click a button to save their changes and redirects them to a different page. Currently, when the user hits the Save button the records are getting saved, but they are not redirected.

Which three techniques can a developer use to debug the JavaScript? Choose 3 answers

- A. Use Developer Console to view checkpoints.
- B. Use Developer Console to view the debug log.
- C. Use consde.log() messages in the JavaScript.
- D. Enable Debug Mode for Lightning components for the user.
- E. Use the browser's dev tools to debug the JavaScript.

**Answer:** CDE

#### NEW QUESTION 119

- (Exam Topic 1)

Within the System.Limit class, what would you call to get the number of calls made in your transaction?

- A. get [typeOfLimit] —> (E)
- B. getDXLStaterr.ents () )
- C. getLimit [typeOf Limit] —> (E)
- D. getLirr.it DXLSt at err.ents () )

**Answer:** A

#### NEW QUESTION 124

- (Exam Topic 1)

Which of the follow be used together in DML operations (transaction)? (Choose two.)

- A. Acco u nt - Acco u ntS ha re
- B. Case - CaseComment
- C. Opportunity - User
- D. Account - Order

**Answer:** BD

#### NEW QUESTION 128

- (Exam Topic 1)

<lightning: layout multipleRows="true"> <lightning: layoutItem size="12">{!v.account.Name} </lightning: layoutItem> <lightning:layoutItem 3ize="12">{!v. account .AccountNumber} </lightning: layoutItem>

<lightning: layoutItem size="12">{!v.account. Industry} </lightning: layoutItem> </lightning: layout> Refer to the component code above. The information displays as expected (in three rows) on a mobile device. However, the information is not displaying as desired (in a single row) on a desktop or tablet. Which option has the correct component changes to display correctly on desktops and tablets?

A)

A. <lightning: layout multipleRows="true">

<lightning:layoutItem size="12" mediumDeviceSize="4">{!v.account .Name}

</lightning: layoutItem>

<lightning:layoutItem size="12" mediumDeviceSize="4">{!v.account t.AccountNumber}

</lightning: layoutItem>

<lightning:layoutItem size="12" mediumDeviceSize="4">{ '!v.account .Industry}</lightning: layoutItem>

</lightning: layout>

B)

B. <lightning: layout multipleRows="true">

<lightning:layoutItem size="12" largeDeviceSize="4">{!v.account t.Name}

</lightning: layoutItem>

<lightning:layoutItem size="12" largeDeviceSize="4">{!v.account .AccountNumber}

</lightning: layoutItem>

<lightning:layoutItem size="12" largeDeviceSize="4">{ '!v.account .Industry}

</lightning: layoutItem>

</lightning: layout>

C)

```
C. <lightning: layout multipleRows="true">

<lightning:layoutItem size="12" mediumDeviceSize="6">{!v.account
t.Name}

</lightning: layoutItem>

<lightning:layoutItem gize="12" mediumDeviceSize="6">{!v.account
t.AccountNumber}

</lightning: layoutItem>

<i>lightning:layoutItem size="12" mediumDeviceSize="6">{!v.account
t. Industry}

</lightning: layoutItem>

</lightning: layout>
```

D)

```
D. <lightning: layout multipleRows="true">

<lightning:layoutItem gize="12" mediumDeviceSize="6" largeDevic
eSize="4">{!v.account.Name}

</lightning: layoutItem>

<lightning:layoutItem size="12" mediumDeviceSize="6" largeDevic
eSize="4">{!v.account

.AccountNumber}

</lightning: layoutItem>

<lightning:layoutItem size="12" mediumDeviceSize="6" largeDevic
eSize="4">{!v.account.Industry}

</lightning: layoutItem></lightning: layout>
```

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

**Answer: C**

#### NEW QUESTION 132

- (Exam Topic 1)

Which use case is an appropriate fit for the @future asynchronous Apex method? (Choose two.)

- A. A developer has jobs that need larger query results than regular transactions allow
- B. A developer needs to segregate DML operations and bypass the mixed save DML error
- C. A developer has long-running jobs with large data volumes that need to be performed in batches
- D. A developer has long-running methods and needs to prevent delaying an Apex transaction

**Answer: BD**

#### NEW QUESTION 134

- (Exam Topic 1)

How many Territories can an instance of salesforce have?

- A. 400
- B. 200
- C. 1000
- D. 100
- E. 500



**Answer:** E

#### NEW QUESTION 137

- (Exam Topic 1)

What are three benefits of using declarative customizations over code? Choose 3 answers

- A. Declarative customizations generally require less maintenance.
- B. Declarative customizations do not require user testing.
- C. Declarative customizations cannot generate run time errors.
- D. Declarative customizations will automatically update with each Salesforce release.
- E. Declarative customizations are not subject to governor limits.

**Answer:** BDE

#### NEW QUESTION 139

- (Exam Topic 1)

An org has a requirement that an Account must always have one and only one Contact listed as Primary. So selecting one Contact will de-select any others. The client wants a checkbox on the Contact called 'Is Primary' to control this feature. The client also wants to ensure that the last name of every Contact is stored entirely in uppercase characters. What is the optimal way to implement these requirements?

- A. write a single trigger on Contact for both after update and before update and callout to helper classes to handle each set of logic.
- B. Write an after update trigger on Contact for the Is Primary logic and a separate before update trigger on Contact for the last name logic.
- C. write an after update trigger on Account for the Is Primary logic and a before update trigger on Contact for the last name logic.
- D. write a Validation Rule on the Contact for the Is Primary logic and a before update trigger on Contact for the last name logic.

**Answer:** A

#### NEW QUESTION 144

- (Exam Topic 1)

As part of a custom development, a developer creates a Lightning Component to show how a particular opportunity progresses over time. The component must display the date stamp when any of the following fields change:

- Amount Probability, Stage, or Close Date

What is the most efficient way to Query such information?

- A. [Select Amount, CloseDate, StageName, Probability FROM OpportunityHistory WHERE OpportunityId= :oppId];
- B. [Select Newvalue, Oldvalue From OpportunityField\_History Where Oppportunity = oppid AND Field IN
- C. [Select NewValue, Oldvalue FROM Opportunity FieldHistory WHERE OpportunityId = :oppId AND Field IN
- D. ('StageName', Probability',Amount /CloseDate')];
- E. [Select Amount CloseDat
- F. StageName, Probability FROM Opportunity\_History WHERE OpportunityId - :oppId];

**Answer:** C

#### NEW QUESTION 145

- (Exam Topic 1)

A developer Is asked to develop a new AppExchange application. A feature of the program creates Survey records when a Case reaches a certain stage and Is of a certain Record Type. This feature needs to be configurable, as different Salesforce instances require Surveys at different times. Additionally, the out-of-the-box AppExchange app needs to come with a set of best practice settings that apply to most customers.

What should the developer use to store and package the custom configuration settings for the app?

- A. Custom Settings
- B. Custom Metadata
- C. Custom Objects
- D. Process Builder

**Answer:** B

#### NEW QUESTION 148

- (Exam Topic 1)

A developer has created a Visualforce page that uses a third-party JavaScript framework. The developer has decided to supply data to the JavaScript functions using JavaScript Remoting for Apex Controllers.

What is the correct syntax to declare a remote method in Apex? (Choose two.)

- A. @RemoteAction global static String getTable()
- B. @RemoteAction global String getTable()
- C. @RemoteAction public static String getTable()
- D. @RemoteObject global static String getTableQ

**Answer:** AC

#### NEW QUESTION 152

- (Exam Topic 1)

A company exposes a REST web service and wants to establish two-way SSL between Salesforce and the REST web service. A certificate signed by an appropriate certificate authority has been provided to the developer.

What modification is necessary on the Salesforce side? (Choose two.)



- A. Create an entry for the certificate in Certificate and Key Management
- B. Update the code to use `HttpRequest.setClientCertificateName()`
- C. Configure two-factor authentication with the provided certificate
- D. Update the code to use `HttpRequest.setHeaderQ` to set an Authorization header.

**Answer:** AB

#### NEW QUESTION 157

- (Exam Topic 1)

Universal Containers has a Visualforce page that displays a table every `Container_c` being rented by a given `Account..` failing because some of the customers rent over 100,000 containers.

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

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

**Answer:** B

#### NEW QUESTION 159

- (Exam Topic 1)

A developer is writing a Visualforce page that queries accounts in the system and presents a data table with the results. The users want to be able to filter the results based on up to five fields. However, the users want to pick the five fields to use as filter fields when they run the page.

Which feature of Apex code is required to facilitate this solution?

- A. REST API
- B. Dynamic Schema binding
- C. `describeSObjects()`
- D. SOSL queries

**Answer:** C

#### NEW QUESTION 162

- (Exam Topic 1)

What is a benefit of JavaScript remoting over Visualforce Remote Objects?

- A. Supports complex server-side application logic
- B. Does not require any JavaScript code
- C. Does not require any Apex code
- D. Allows for specified re-render targets

**Answer:** A

#### NEW QUESTION 164

- (Exam Topic 1)

If a developer wanted to display error messages with the standard Salesforce UI styling, what would they use?

- A. `<apex:pageMessages>`
- B. `<apex:message>`
- C. `<apex:outputText>`
- D. `<apex:error>`

**Answer:** A

#### NEW QUESTION 169

- (Exam Topic 1)

A developer wants to retrieve and deploy metadata, perform simple CSV export of query results, and debug Apex REST calls by viewing JSON responses.

Which tool should the developer use?

- A. Developer Console
- B. Force.com Migration Tool
- C. Workbench
- D. Force.com IDE

**Answer:** C

#### NEW QUESTION 171

- (Exam Topic 1)

A large company uses Salesforce across several departments. Each department has its own Salesforce Administrator. It was agreed that each Administrator would have their own sandbox in which to test changes. Recently, users notice that fields that were recently added for one department suddenly disappear without warning. Also, Workflows that once sent emails and created tasks no longer do so. Which two statements are true regarding these issues and resolution? Choose 2 answers

- A. A sandbox should be created to use as a unified testing environment instead of deploying Change Sets directly to production.
- B. Page Layouts should never be deployed via Change Sets, as this causes Workflows and Field-level Security to be reset and fields to disappear.
- C. The administrators are deploying their own Change Sets, thus deleting each other's fields from the objects in production.

D. The administrators are deploying their own Change Sets over each other, thus replacing entire Page Layouts and Workflows in Production

**Answer:** AD

#### NEW QUESTION 175

- (Exam Topic 1)

A developer is asked to build a solution that will automatically send an email to the Customer when an Opportunity stage changes. The solution must scale to allow for 10,000 emails per day. The criteria to send the email should be evaluated after all Workflow Rules have fired. What is the optimal way to accomplish this?

- A. Use a Workflow Email Alert.
- B. Use a MassEmailMessage() with an Apex Trigger.
- C. Use a SingleEmailMessage() with an Apex Trigger.
- D. Use an Email Alert with Process Builder.

**Answer:** D

#### NEW QUESTION 177

- (Exam Topic 1)

A company wants to implement a new call center process for handling customer service calls. It requires service reps to ask for the caller's account number before proceeding with the rest of their call script. Following best practices, what should a developer use to meet this requirement?

- A. Approvals
- B. Flow Builder
- C. Apex Trigger
- D. Process Builder

**Answer:** B

#### NEW QUESTION 179

- (Exam Topic 1)

What is the transaction limit for the number of records using QueryLocator?

- A. 50,000
- B. 50,000,000
- C. 100,000
- D. 5,000,000
- E. There is no limit

**Answer:** B

#### Explanation:

"Scope" parameter in "executeBatch" can be set up to 2,000 records

#### NEW QUESTION 180

- (Exam Topic 1)

A developer has been asked to create code that will meet the following requirements: Receives input of: Map<Id, Project\_c>, List<Account>

Performs a potentially long-running callout to an outside web service Provides a way to confirm that the process executed successfully Which asynchronous feature should be used?

- A. @future (callout=true)
- B. Database.AllowCallouts interface
- C. Schedulable interface
- D. Queueable interface

**Answer:** D

#### NEW QUESTION 181

- (Exam Topic 1)

Example 1: AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId]; for (AggregateResult ar : groupedResults) { System.debug ('Campaign ID' + ar.get('CampaignId-'); System.debug ('Average amount' + ar.get('exprd'))); } Example 2: AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) theAverage FROM Opportunity GROUP BY CampaignId]; for (AggregateResult ar : groupedResults) { System.debug(\*Campaign ID' + ar.get('CampaignId')); System.debug ('Average amount' + ar.get('theAverage'))); } Example 3: AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId]; for (AggregateResult ar : groupedResults) System.debug(\*Campaign ID' + ar.get('CampaignId')); System.debug('Average amount' + ar.get.AVG(-); } Example 4: AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) theAverage FROM Opportunity GROUP BY CampaignId]; for (AggregateResult ar : groupedResults) { System.debug('Campaign ID' + ar.get('CampaignId')); System.debug ('Average amount' + ar.theAverage-; } Which two of the examples above have correct System.debug statements? Choose 2 answers

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

**Answer:** AB

#### NEW QUESTION 186

- (Exam Topic 1)

A developer is writing a Visualforce page to display a list of all of the checkbox fields found on a custom object.

What is the recommended mechanism the developer should use to accomplish this?

- A. Schema Class
- B. Apex API
- C. Schema Builder
- D. Metadata API

**Answer:** A

#### NEW QUESTION 187

- (Exam Topic 1)

A developer created and tested a Visualforce page in their developer sandbox, but now receives reports that users are encountering ViewState errors when using it in Production. What should the developer ensure to correct these errors?

- A. Ensure queries do not exceed governor limits.
- B. Ensure properties are marked as Transient.
- C. Ensure properties are marked as private.
- D. Ensure profiles have access to the Visualforce page.

**Answer:** B

#### NEW QUESTION 191

- (Exam Topic 1)

A developer encounters an error that states that the Apex heap size is exceeded. Which technique may reduce heap size?

- A. Add the transient keyword to the variable definition
- B. Move the variable definition inside the scope of the function
- C. Use static variables instead of instance variables
- D. Use SOQL for loops instead of standard SOQL queries

**Answer:** D

#### NEW QUESTION 196

- (Exam Topic 1)

What is the transaction limit on the number of "sendEmail" method calls?

- A. 20
- B. 10
- C. 50
- D. 100
- E. There is no limit

**Answer:** B

#### Explanation:

The reserveEmailCapacity methods let you declare how many emails you want to send prior to actually sending, allowing you to handle limit errors prematurely

#### NEW QUESTION 198

- (Exam Topic 1)

In which of the following scenarios would it be acceptable to use programmatic sharing instead of declarative sharing? (Choose three.)

- A. Every record created by sales users needs to be visible to their respective manager
- B. Poor performance when using native sharing components
- C. Team functionality is required on custom objects
- D. There is an existing, external system of truth for user access assignments which will continue to drive access and be integrated with salesforce
- E. You need to change record access to read/write for all users utilising a lightning component

**Answer:** BCD

#### NEW QUESTION 200

- (Exam Topic 1)

A developer needs test data for Apex test classes.

What can the developer use to provide test data to the test methods? (Choose two.)

- A. List<sObject> ls = Test.loadData (Lead.sObjectType, fmyTestLeads f);
- B. myDataFactory.createTestRecords (10)
- C. Database.createTestRecords (10)
- D. List<sObject> ls = Test.loadDat (Lead.sObjectType, \$Resource + 'myTestLeads f);

**Answer:** AB

#### NEW QUESTION 205

- (Exam Topic 1)

A company uses Opportunism to track sales to their customers and their org has millions of Opportunities. They want to begging to track revenue over time through a related Revenue object.

As part of their initial implementation, they want to perform a one-time seeding of their data by automatically creating and populating Revenue records for

Opportunities, based on complex logic. They estimate that roughly 100,000 Opportunities will have revenue records and populated. What is the optimal way to automate this?

- A. Use System.enqueueJob() to Invoke a Queueable class.
- B. Use System.scheduleJob() to schedule a Database.Scheduleable class.
- C. Use Database.executeBatch() to invoke a Queueable class.
- D. Use Database.executeBatch() to invoke a Database.Batchable class.

**Answer:** D

#### NEW QUESTION 209

- (Exam Topic 1)

if the "PageReference.setRedirect" Apex function is set to False, what type of request is made?

- A. Get request
- B. Postback request
- C. If PageReference points to the same controller and subset of extensions, postback request, otherwise get request

**Answer:** C

#### NEW QUESTION 210

- (Exam Topic 1)

A company has a custom component that allows users to search for records of a certain object type by invoking an Apex Controller that returns a list of results based on the user's input, when the search is completed, a searchComplete event is fired, with the results put in a results attribute of the event. The component is designed to be used within other components and may appear on a single page more than once.

What is the optimal code that should be added to fire the event when the search has completed?

A)

```
var evt = component.getEvent("searchComplete");
evt.setParams({results: results});
evt.fire();
```

B)

```
var evt = $A.get("e.c.searchComplete");
evt.setParams({results: results});
evt.fire();
```

C)

```
var evt = component.getEvent("searchComplete");
evt.set("v.results", results);
evt.fire();
```

D)

```
var evt = $A.get("e.c.searchComplete");
evt.set("v.results", results);
evt.fire();
```

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

**Answer:** B

#### NEW QUESTION 212

- (Exam Topic 1)

Universal Containers stores user preferences in a Hierarchy Custom Setting, User\_prefs\_c, with a Checkbox field, show\_help\_c, Company-Level defaults are stored at the organizational level, but may be overridden at the user level, If a user has not overridden preferences, then the defaults should be used.

How should the Show\_help\_c preference be retrieved for the current user?

- A. Boolean show = User\_Prefs\_c.getInstance(), Show\_help\_c;
- B. Boolean show = User\_Prefs\_c, getValues().Show\_help\_c;
- C. Boolean show = User\_Prefs\_c, getValuesUserInfo.getUserid().Show\_help\_c;
- D. Boolean show = User\_prefs\_c, Show\_help\_c;

**Answer:** C

#### NEW QUESTION 213

- (Exam Topic 1)

What is a best practice when unit testing a controller? (Choose two.)

- A. Simulate user interaction by leveraging Test.setMock()
- B. Verify correct references by using getURL()
- C. Access test data by using seeAllData=true
- D. Set query parameters by using getParameters().put

**Answer:** BD

**NEW QUESTION 216**

- (Exam Topic 1)

A company wants to build a custom Lightning Component that will display a specified Account Field Set and that can only be added to the Account record page.

Which design resource configuration should be used?

Option A

```
<design:component label="Account FS Component">

<design:attribute name="fieldSetName" label="Field Set Name" />

<sfdc:objects>

<sfdc:object>Piieldset</sfdc:object>

</sfdc:objects>

</design: component>
```

Option B

```
<design:component label="Account FS Component">

<aura:attribute name="fieldSetName" label="Field Set Name" />

<sfdc:objects>

<sfdc:object>Piieldset</sfdc:object>

</sfdc:objects>

</design: component>
```

Option C

```
<design:component label="Account FS Component">

<aura:attribute name="fieldSetName" label="Field Set Name" />

<sfidc:objects>

<sfdce:object>Account</sfdc:object>

</sfdc:objects>

</design: component>
```

Option D

```
<design:component label="Account FS Component">

<design:attribute name="fieldSetName" label="Field Set Name" />

<sfidc:objects>

<sfdc:object>Account</sfdc:object>

</sfdc:objects>

</design: component>
```

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

**Answer: D**



### NEW QUESTION 220

- (Exam Topic 1)

Sometimes events on Salesforce need to be handled by an external system due to the scale or type of process being executed. Consider the use case of a user in Salesforce needing to get pricing for an order they are building in Salesforce while on the phone with a customer. The pricing logic already exists in a third-party system. Instead of recreating this logic in Salesforce, it will be leveraged by making a request of the third-party system. The response, in this case the pricing, will be returned and stored back in Salesforce. What is the optimal solution?

- A. A Visualforce page that can make a real-time Apex callout to display and save the pricing back in Salesforce
- B. An Apex trigger that upon saving the Order will make a real-time Apex callout, saving the pricing back in Salesforce
- C. A Process Builder process and Outbound Message to fetch the pricing upon save and store the pricing in Salesforce
- D. An ETL tool to process batches of newly saved Orders every few minutes to store the pricing back in Salesforce

**Answer: B**

### NEW QUESTION 224

- (Exam Topic 1)

Of Universal Containers uses Big Objects to store almost a billion customer transactions called Customer\_Transaction\_\_b. These are the fields on Customer\_Transaction\_\_b: Account\_\_c Program\_\_c Points\_Earned\_\_c Location\_\_c Transaction\_Date\_\_c The following fields have been identified as Index Fields for the Customer\_Transaction\_\_b object: Account\_\_c, Program\_\_c, and Transaction\_Date\_\_c. Which SOQL query is valid on the Customer\_Transaction\_\_b Big Object?

- A. SELECT Account\_\_c, Program\_\_c, Transaction\_Date\_\_c FROM Customer\_Transaction\_\_b WHERE Account\_\_c = '001R000000302D3' AND Program\_\_c = 'Shoppers' AND Transaction\_Date\_\_c = 2019-05-31T00:00Z
- B. SELECT Account\_\_c, Program\_\_c, Transaction\_Date\_\_c FROM Customer\_Transaction\_\_b WHERE Account\_\_c = '001R000000302D3' AND Program\_\_c LIKE 'Shop%' AND Transaction\_Date\_\_c = 2019-05-31T00:00Z
- C. SELECT Account\_\_c, Program\_\_c, Transaction\_Date\_\_c FROM Customer\_Transaction\_\_b WHERE Account\_\_c = '001R000000302D3' AND Program\_\_c EXCLUDES ('Shoppers', 'Womens') AND Transaction\_Date\_\_c = 2019-05-31T00:00Z
- D. SELECT Account\_\_c, Program\_\_c, Transaction\_Date\_\_c FROM Customer\_Transaction\_\_b WHERE Account\_\_c = '001R000000302D3' AND Program\_\_c INCLUDES ('Shoppers', 'Womens') AND Transaction\_Date\_\_c = 2019-05-31T00:00Z

**Answer: A**

### NEW QUESTION 229

- (Exam Topic 1)

A company represents their customers as Accounts in Salesforce. All customers have a unique Customer\_Number\_\_c that is unique across all of the company's systems. They also have a custom Invoice\_\_c object, with a Lookup to Account, to represent invoices that are sent out from their external system. This company wants to integrate invoice data back into Salesforce so Sales Reps can see when a customer is paying their bills on time. What is the optimal way to implement this?

- A. Use Salesforce Connect and external data objects to seamlessly import the invoice data into Salesforce without custom code.
- B. Ensure Customer\_Number\_\_c is an External ID and that a custom field Invoice\_Number\_\_c is an External ID and Upsert invoice data nightly.
- C. Create a cross-reference table in the custom invoicing system with the Salesforce Account ID of each Customer and insert invoice data nightly.
- D. Query the Account Object upon each call to insert invoice data to fetch the Salesforce ID corresponding to the Customer Number on the invoice

**Answer: B**

### NEW QUESTION 233

- (Exam Topic 1)

Refer to the code segment above.

```

Line 1 trigger ContactTrigger on Contact (before insert, before update)
Line 2 {
Line 3     Map<Id,Account> accountMap = new Map<Id,Account>();
Line 4     for(Contact c : Trigger.new)
Line 5     {
Line 6         Account a = (SELECT Id, Name, BillingCountry FROM Account WHERE Id := c.AccountId);
Line 7         accountMap.put(a.Id,a);
Line 8     }
Line 9
Line 10    //Do stuff with accountMap
Line 11    for(Contact c : Trigger.new)
Line 12    {
Line 13        Account a = accountMap.get(c.AccountId);
Line 14        if(a != null)
Line 15        {
Line 16            c.BillingCountry = a.BillingCountry;
Line 17        }
Line 18    }
Line 19
Line 20    update Trigger.new;
Line 21 }

```

When following best practices for writing Apex triggers, which two lines are wrong or cause for concern? Choose 2 answers

- A. Line 6
- B. Line 11
- C. Line 16
- D. Line 20

**Answer: AD**

**NEW QUESTION 234**

- (Exam Topic 1)

What is the transaction limit on the number of Apex jobs added to the queue?

- A. 100
- B. 150
- C. 50
- D. 200
- E. There is no limit

**Answer: C**

**NEW QUESTION 238**

- (Exam Topic 1)

Which type of controller is best suited when you want to add custom functionality to a standard controller page, or when you want reusable functionality throughout pages?

- A. Standard Controller
- B. Standard List/Set Controller
- C. Controller Extensions
- D. Custom Controller

**Answer: C**

**NEW QUESTION 241**

- (Exam Topic 1)

An environment has two Apex Triggers: an after-update trigger on Account and an after-update trigger on Contact. The Account after-update trigger fires whenever an Account's address is updated, and it updates every associated Contact with that address. The Contact after-update trigger fires on every edit, and it updates every Campaign Member record related to the Contact with the Contact's state.

Consider the following: A mass update of 200 Account records' addresses, where each Account has 50 Contacts. Each Contact has 1 Campaign Member. This means there are 10,000 Contact records across the Accounts and 10,000 Campaign Member records across the contacts.

What will happen when the mass update occurs?

- A. The mass update will fail, since the two triggers fire in the same context, thus exceeding the number of records processed by DML statements.
- B. There will be no error, since each trigger fires within its own context and each trigger does not exceed the limit of the number of records processed by DML statements.
- C. There will be no error, since the limit on the number of records processed by DML statements is 50,000.
- D. The mass update of Account address will succeed, but the Contact address updates will fail due to exceeding number of records processed by DML statements.

**Answer: B**

**NEW QUESTION 246**

- (Exam Topic 1)

A developer has created a Team Member sObject that has a Master-Detail relationship to a Project sObject and a Lookup relationship to the User sObject. The developer must ensure that a User listed on a Team Member record has Read-Write access to the parent Project record.

How can the developer accomplish this if the Project sObject has a Private sharing model and thousands of Project records?

- A. Create a Controller that uses the Without Sharing keyword
- B. Create a Criteria-Based Sharing Rule on the Project sObject
- C. Create a Team Member Trigger that inserts Project\_Share records
- D. Create a Project Sharing Rule that shares to the Team Member Group

**Answer: C**

**NEW QUESTION 251**

- (Exam Topic 1)

A company has a custom object. Order\_\_c, that has a custom picklist field. Status\_\_c, with values of New, In Progress," or Fulfilled and a lookup field, Contact\_\_c, to Contact.

Which SOQL query will return a unique list of all the Contact records that have no Fulfilled Orders?

- A. SELECT Contact\_\_c From order\_\_c Where id NOT IN (SELECT id FROM\_\_c Where States\_\_c + Fulfilled')
- B. SELECT id FROM Contact WHERE id NOT IN (SELECT id From order\_\_c WHERE\_\_c = Fulfilled')
- C. SELECT Contact\_\_c FROM Order\_\_c Where Status\_\_c <> ;Fulfilled'
- D. SELECT id FROM Contact WHERE id NOT IN (SELECT Contact\_\_c FROM order\_\_c Where Status\_\_c= fulfilled')

**Answer: D**

**NEW QUESTION 252**

- (Exam Topic 1)

What is the transaction limit on the max Salesforce CPU time?

- A. 100 seconds
- B. 60 seconds
- C. 100 seconds (synchronous); 200 seconds (async)
- D. 10 seconds (synchronous); 60 seconds (async)
- E. There is no limit

**Answer:** D

#### NEW QUESTION 256

- (Exam Topic 1)

A company needs to automatically delete sensitive information after 7 years. This could delete almost a million records every day. How can this be achieved?

- A. Schedule an @future process to Query records older than 7 years, and then recursively invoke itself in 1,000 record batches to delete them.
- B. Perform a SOSL statement to find records older than 7 years, and then delete the entire result set.
- C. Use aggregate functions to query for records older than 7 years, and then delete the AggregateResult objects.
- D. Schedule a batch Apex process to run every day that Queries and deletes records older than 7 years.

**Answer:** D

#### NEW QUESTION 260

- (Exam Topic 1)

A developer writes the following Apex trigger so that when a Case is closed, a single Survey record is created for that Case. The issue is that multiple Survey\_c records are being created per Case.

```
trigger CaseTrigger on Case (after insert, after update){ List<Survey_c>
createSurveys = new List<Survey_c>(); for (Case c : trigger.new){ if
(c.IsClosed && (trigger.isInsert II trigger.isUpdate && trigger.oldMap.get
(c.Id).IsClosed == false)){ createSurveys.add(new Survey_c(Case_c =
c.Id)); } } insert createSurveys; }
```

What could be the cause of this issue?

- A. A user is creating the record as Closed
- B. A workflow rule is firing with a Create Task action
- C. A workflow rule is firing with a Field Update action
- D. A user is editing the record multiple times

**Answer:** D

#### NEW QUESTION 261

- (Exam Topic 1)

What Visualforce tag can be used to display custom messages in pages using the Salesforce UI styling for errors, warnings, and other types of messages?

- A. <apex:customMessage>
- B. <apex:error>
- C. <apex:message>
- D. <apex:pageMessage>

**Answer:** D

#### NEW QUESTION 262

- (Exam Topic 1)

Which of the following object types can be used with a Web Service?

- A. Maps
- B. Sets
- C. Pattern objects
- D. Matcher objects
- E. Lists
- F. Exception objects

**Answer:** E

#### NEW QUESTION 263

- (Exam Topic 1)

A developer has a page with two extensions overriding the Standard controller for Case.

```
<apex:page standardController="Case" extension="CaseExtensionOne,CaseExtension
Two" showHeader="false"> Each extension has a method called Save. The page has
a command button as defined: <apex:commandButton value="Save"
action="{!save}"/>
```

What will happen when a user clicks the command button?

- A. All of the three Save methods will be executed
- B. Save from Case Standard Controller will be executed
- C. Save from CaseExtensionTwo will be executed
- D. Save from CaseExtensionOne will be executed

Answer: D

#### NEW QUESTION 268

- (Exam Topic 1)

A developer must create a custom pagination solution for accessing approximately 2000 records and displaying 50 records on each page. Data from Salesforce will be accessed via an API and not via Apex.

How can the developer meet these requirements? (Choose two.)

- A. Use a StandardSetController
- B. Use CURSOR 50 in SOQL queries
- C. Use OFFSET in SOQL queries
- D. Use LIMIT 50 in SOQL queries

Answer: CD

#### NEW QUESTION 271

- (Exam Topic 1)

An Apex trigger and Apex class increment a counter, Edit\_Count\_c, any time that the Case is changed.

```
public class CaseTriggerHandler {  
    public static void handle(List<Case> cases) {  
        for (Case c : cases) {  
            c.Edit_Count__c = c.Edit_Count__c + 1;  
        }  
    }  
  
    trigger on Case(before update) {  
        CaseTriggerHandler.handle(trigger.new);  
    }  
}
```

A new process on the case object was just created in production for when a Case is created or updated< since the process was created, they are reports that the Count is being incremented by more than one on Case edit.

Which change in the Apex code will fix the problem?

A)

```
trigger on Case(before update) {  
    Boolean firstRun = true;  
    if (firstRun) {  
        CaseTriggerHandler.handle(trigger.newMap);  
    }  
    firstRun = false;  
}
```

B)

```
public class CaseTriggerHandler {  
    Boolean firstRun = true;  
    public static void handle(List<Case> cases) {  
        if (firstRun) {
```

---

C)

```
public class CaseTriggerHandler {  
    public static Boolean firstRun = true;  
    public static void handle(List<Case> cases) {  
        for (Case c : cases) {  
            c.Edit_Count__c = c.Edit_Count__c + 1;  
        }  
    }  
  
    trigger on Case(before update) {  
        if (CaseTriggerHandler.firstRun) {  
            CaseTriggerHandler.handle(trigger.new);  
        }  
    }  
}
```

D)



```
public class CaseTriggerHandler {
    public static Boolean firstRun = true;
    public static void handle(List<Case> cases) {
        for (Case c : cases) {
            c.Edit_Count__c = c.Edit_Count__c + 1;
        }
    }
}

trigger on Case(before update) {
    CaseTriggerHandler.firstRun = true;
    if (CaseTriggerHandler.firstRun) {
        CaseTriggerHandler.handle(Trigger.newMap);
    }
    CaseTriggerHandler.firstRun = false;
}
```

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

**Answer:** A

#### NEW QUESTION 276

- (Exam Topic 1)

A developer created a custom component to display an HTML table. The developer wants to be able to use the component on different Visualforce Pages and specify different header text for the table.

Which tag should the developer use inside the component?

- A. <apex:variable>
- B. <apex:define>
- C. <apex:param>
- D. <apex:attribute>

**Answer:** D

#### NEW QUESTION 277

- (Exam Topic 1)

A company has reference data stored in multiple Custom Metadata records that represent default information for certain.

When a Contact is inserted, the default information should be set on the Contact from the Custom Metadata records .. Address information.

What is the optimal way to automate this?

- A. Process Builder
- B. Apex Trigger
- C. Workflow Rule
- D. Visual Flow

**Answer:** B

#### NEW QUESTION 281

- (Exam Topic 1)

An Apex class does not achieve expected code coverage. The testSetup method explicitly calls a method in the Apex class. How can the developer generate the code coverage?

- A. Add @testVisible to the method in the class the developer is testing.
- B. Use system.assert() in testSetup to verify the values are being returned.
- C. Call the Apex class method from a testMethod instead of the testSetup method.
- D. Verify the user has permissions passing a user into System.runAs().

**Answer:** C

#### NEW QUESTION 286

- (Exam Topic 1)

Choose the correct definition for <apex:actionFunction>.

- A. Allows for controller methods to be called directly from Javascript
- B. Must be encapsulated in<apex:form> tag
- C. Unlike actionSupport, these function<apex:actionPoller>s can be called directly from Javascript codeB Sends an AJAX request according to the time interval you specify
- D. If this ever gets re-rendered, it resets
- E. Adds AJAX support to another component (e.
- F. onClick, onMouseUp, onFocus, etc.)
- G. Can be associated with an AJAX request (actionFunction/actionSupport/actionPoller) and shows content conditionally depending on the status of the request (in progress/complete). Use the "id" field to specify name; use "status" field on related components to connect them



H. Signifies which components should be processed by the server when an AJAX request is generated

**Answer:** D

#### NEW QUESTION 290

- (Exam Topic 1)

A developer must create a custom pagination solution. While users navigate through pages, if the data is changed from elsewhere, users should still see the cached results first accessed.

How can the developer meet these requirements?

- A. Use @Cache annotation
- B. Use a StandardSetController
- C. Use OFFSET in SOQL queries
- D. Use OFFSET WITH CACHE in SOQL queries

**Answer:** B

#### NEW QUESTION 292

- (Exam Topic 1)

Which type of controller is best suited when you want all of the basic DML functions from an object's normal new/edit page and want to include multiple records?

- A. Standard Controller
- B. Standard List/Set Controller
- C. Controller Extensions
- D. Custom Controller

**Answer:** B

#### NEW QUESTION 294

- (Exam Topic 1)

Which statement is true regarding both Flow and Lightning Process? (Choose two.)

- A. Can use Apex methods with the @InvocableMethod annotation
- B. Are both server-side considerations in the Order of Execution
- C. Can use Apex that implements the Process.Plugin interface
- D. Are able to be embedded directly into Visualforce pages

**Answer:** AC

#### NEW QUESTION 299

- (Exam Topic 1)

If the "PageReference.setRedirect" Apex function is set to True, what type of request is made?

- A. Get request
- B. Postback request
- C. If PageReference points to the same controller and subset of extensions, postback request, otherwise get request

**Answer:** A

#### NEW QUESTION 303

- (Exam Topic 1)

A company has a custom object, Order\_\_\_\_c, that has a required, unique, external ID field called Order\_Number\_\_\_\_c. Which statement should be used to perform the DML necessary to insert new records and update existing records in a List of Order\_\_\_\_c records?

- A. upsert orders;
- B. merge orders;
- C. merge orders Order\_Number\_\_\_\_c;
- D. upsert orders Order\_Number\_\_\_\_c;

**Answer:** D

#### NEW QUESTION 304

- (Exam Topic 1)

If you have a method "doStuff(List<sObject> records)", which is a valid call?

- A. doStuff([Select Id From Account]);
- B. doStuff(List<Account> records);
- C. doStuff(Account acct);
- D. doStuff(sObject obj);

**Answer:** A

#### NEW QUESTION 307

- (Exam Topic 1)

When should you use the "transient" property on variables?

- A. Variables that you want transmitted as part of the view stat
- B. Static variables also don't get transmitted
- C. Variables that you don't want transmitted as part of the view stat
- D. Static variables also don't get transmitted
- E. Static variables that you want transmitted as part of the view state to save space
- F. Large variables in order to save space

**Answer:** B

#### NEW QUESTION 312

- (Exam Topic 1)

A developer must create a way for external partners to submit millions of leads into Salesforce per day-How should the developer meet this requirement?

- A. Publicly expose a Visualforce page via Force.com Sites
- B. Create a web service on Heroku that uses Heroku Connect
- C. Host a Web-to-Lead form on the company website
- D. Publicly expose an Apex Web Service via Force.com Sites

**Answer:** B

#### NEW QUESTION 315

- (Exam Topic 1)

What is a valid request for the following REST method? (Choose two.)

@HttpPost global static void myPostMethod(String si, Integer il, Boolean bl, String s2)

- A. <request> <sl>my first string</sl> <il>123</il> <s2>my second string</s2> <bl>false</bl> </request>
- B. <request> <sl>"my first string"</sl> <il>123</il> <s2>!,my second string"</s2> <bl>false</bl></request>
- C. si" : "my first string", 11" : "123", "bl" : "false", "S2" : "my second string"
- D. il" : 123, "SI" : "my first string", "S2" : "my second string", "bl" : false

**Answer:** BD

#### NEW QUESTION 319

- (Exam Topic 2)

A developer has working business logic code, but sees the following error in the test class:

You have uncommitted work pending. Please commit or rollback before calling out. What is a possible solution?

- A. Rewrite the business logic and test classes with @TestVisible set on the callout.
- B. Set seeAllData to "true" at the top of the test class, since the code does not fail in practice.
- C. Call support for help with the target endpoint, as it is likely an external code error.
- D. Use test.IsRunningTest() before making the callout to bypass it in test execution.

**Answer:** D

#### NEW QUESTION 320

- (Exam Topic 2)

Just prior to a new deployment, the Salesforce Administrator who configured a new order fulfillment process in a developer sandbox suddenly left the company. The users had fully tested all of the changes in the sandbox and signed off on them.

Unfortunately, although a Change Set was started, it was not complete. A developer is brought in to help finish the deployment.

What should the developer do to identify the configuration changes that need to be moved into production?

- A. Leverage the Setup Audit Trail to review the changes made by the departed Administrator and identify which changes should be added to the Change Set.
- B. Use the Metadata API and a supported development IDE to push all of the configuration from the sandbox into production to ensure no changes are lost.
- C. Set up Continuous Integration and a Git repository to automatically merge all changes from the sandbox metadata with the production metadata.
- D. In Salesforce setup, look at the last modified date for every object to determine which should be added to the Change Set.

**Answer:** A

#### NEW QUESTION 325

- (Exam Topic 2)

A company has a custom object Sales\_Help\_Request c that has a Lookup relationship to Opportunity. The Sales\_Help\_Request\_\_c has a number field, Number\_of\_Hours\_\_c, that represents the amount of time spent on the Sales\_Help\_Request\_\_c.

A developer is tasked with creating a field, Total\_Hours c, on Opportunity that should be the sum of all of the Number\_of\_Hours\_\_c values for the Sales\_Help\_Request\_\_c records related to that Opportunity.

What should the developer use to implement this?

- A. A workflow rule on the Sales\_Help\_Request\_\_c object
- B. A roll-up summary field on the Opportunity object
- C. A trigger on the Opportunity object
- D. A trigger on Sales\_Help\_Request\_\_c

**Answer:** D

#### NEW QUESTION 326

- (Exam Topic 2)

An org has a requirement that the Shipping Address on the Account must be validated by a third-party web service, before the Account is allowed to be inserted.

What is the optimal way to meet this requirement?

- A. Make a callout to the web service from a custom Visualforce controller.
- B. Make a callout to the web service from a standard Visualforce controller.
- C. Make a callout to the web service from an after insert trigger.
- D. Make a callout to the web service from a before insert trigger.

**Answer:** B

#### NEW QUESTION 330

- (Exam Topic 2)

A company decides that every time an Opportunity is created, they want to create a follow up Task and assign it to the Opportunity Owner.

What should a developer use to implement the requirements?

- A. A Process Builder on Opportunity
- B. A trigger on Task
- C. A trigger on Opportunity
- D. A Process Builder on Task

**Answer:** A

#### NEW QUESTION 332

- (Exam Topic 2)

A developer wrote an Apex class to make several callouts to an external system.

If the URLs used in these callouts will change often, which feature should the developer use to minimize changes needed to the Apex class?

- A. Session Id
- B. Connected Apps
- C. Remote Site Settings
- D. Named Credentials

**Answer:** D

#### NEW QUESTION 336

- (Exam Topic 2)

A company has many different unit test methods that create Account records as part of their data setup. A new required field was added to the Account and now all of the unit tests fail. What is the optimal way for a developer to fix the issue?

- A. Add the required field to the data setup for all of the unit tests.
- B. Add a before insert trigger on Account to set the value of the required field.
- C. Create a TestDataFactory class that serves as the single place to create Accounts for unit tests and set the required field there.
- D. Change the required field to be a validation rule that excludes the System Administrator profile.

**Answer:** C

#### NEW QUESTION 338

- (Exam Topic 3)

A developer is tasked with ensuring that email addresses entered into the system for Contacts and for a Custom Object called Survey\_Response\_\_c do not belong to a list of blacklisted domains. The list of blacklisted domains will be stored in a custom object for ease of maintenance by users. Note that the Survey\_Response\_\_c object is populated via a custom visualforce page. What is the optimal way to implement this?

- A. Implement the logic in an Apex trigger on Contact and also implement the logic within the Custom visualforce page controller.
- B. Implement the logic in the Custom Visualforce page controller and call that method from an Apex trigger on Contact.
- C. Implement the logic in a helper class that is called by an Apex trigger on Contact and from the Custom Visualforce page controller.
- D. Implement the logic in a Validation Rule on the Contact and a validation Rule on the Survey\_Response c object.

**Answer:** C

#### NEW QUESTION 340

- (Exam Topic 3)

users complain that a page is very slow to respond. Upon investigation, the query below is found to perform slowly.

SELECT id, Name FROM Contact WHERE CustomField\_\_c null; Which two actions can a developer take to improve performance?

Choose 2 answers

- A. Add a WHERE clause to the query to reduce the number of records returned.
- B. Contact Salesforce customer support to create a custom index to include null values
- C. Make the CustomField\_\_c field an External ID.
- D. Make the field CustomReW\_\_c required because Salesforce field indexes do not include nulls.

**Answer:** AD

#### NEW QUESTION 342

- (Exam Topic 3)

Which two scenarios require an Apex method to be called imperatively from a Lightning web component? Choose 2 answers

- A. Calling a method that makes a web service callout
- B. Calling a method that is not annotated with cacheable=true

- C. Calling a method with the click of a button
- D. Calling a method that is external to the main controller for the Lightning web component

**Answer:** BC

#### NEW QUESTION 345

- (Exam Topic 3)

A developer is tasked by Universal Containers to build out a system to track the container repair process. Containers should be tracked as they move through the repair process, starting when a customer reports an issue and ending when the container is returned to the customer. Which solution meets these business requirements while following best practices?

- A. Use Flow Builder to develop a Sites page for customers to submit repair requests and track the status of their request.
- B. Involve a Salesforce administrator and build out a declarative solution that works in Salesforce desktop and mobile.
- C. Build an automated Lightning Application using Application Events to ensure data integrity.
- D. Use Platform Events with Workflow Rules and RFID integration to ensure proper tracking of the containers.

**Answer:** A

#### NEW QUESTION 347

- (Exam Topic 3)

Which tag should a developer use to display different text while an `<apex:commandButton>` is executing versus not executing?

- A. `<apexactionPoller>`
- B. `<ApexactionSupper>`
- C. `<ApexactionStatus>`
- D. `<ApexpageMessages>`

**Answer:** C

#### NEW QUESTION 350

- (Exam Topic 3)

Universal Containers (UC) wants to develop a customer community to help their customers log issues with their containers. The community needs to function for their German- and Spanish-speaking customers also. UC heard that it's easy to create an international community using Salesforce, and hired a developer to build out the site.

What should the developer use to ensure the site is multilingual?

- A. Use Custom Settings to ensure custom messages are translated properly.
- B. Use Custom Labels to ensure custom messages are translated properly.
- C. Use Custom Metadata to translate custom picklist values.
- D. Use Custom Objects to translate custom picklist values.

**Answer:** B

#### NEW QUESTION 352

- (Exam Topic 3)

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

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

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

- A. `import { subscribe, unsubscribe, onError } from 'lightning/MessageChannel'`
- B. `import { subscribe, unsubscribe, onError } from 'lightning/empApi';`
- C. `import { subscribe, unsubscribe, onError } from 'lightning/pubsub'`
- D. `import { subscribe, unsubscribe, onError } from 'lightning/ServerUpdate'`

**Answer:** B

#### NEW QUESTION 354

- (Exam Topic 3)

Refer to the code below:

**Apex Class:**

```
public class OppController {
    public List<Opportunity> getTopOpps() {
        return [SELECT Name FROM Opportunity ORDER BY Amount DESC LIMIT 10];
    }
}
```

**Component markup:**

```
<aura:component>
    <aura:handler name="init" value="{!this}" action="{!c.doInit}"/>
</aura:component>
```

**Component controller:**

```
{!
    doInit : function(cmp, event, helper) {
        var action = cmp.get("c.getTopOpps");

        action.setCallback(this, function(response) {
            var state = response.getState();
            if (state === "SUCCESS") {
                console.log("From server: " + response.getReturnValue());
            }
        });
        $A.enqueueAction(action);
    }
}
```

A developer is building this Aura component to display information about top Opportunities in the org. Which three code changes must be made for the component to work?

Choose 3 answers

- A. Add the static keyword to the Apex method.
- B. Set the controller in the component markup.
- C. Add the RemoteAction annotation to the Apex method.
- D. Add the AuraEnabled annotation to the Apex method.
- E. Get the controller action with cmp.get("oppController.getTopOpps").

**Answer:** ABD

**NEW QUESTION 357**

- (Exam Topic 3)

```
trigger ContactTrigger on Contact(before insert) {
    List<Id> accountIds = new List<Id>();
    for (Contact c : Trigger.new) {
        accountIds.add(c.AccountId);
    }

    for (Account a : [SELECT Id, Industry FROM Account WHERE Id :accountIds]) {
        for (Contact c : Trigger.new) {
            if (c.AccountId == a.Id) {
                ContactUtil.setDefaultsOnContact(c, a);
            }
        }
    }
}
```

What can be done to improve the performance of the insert trigger shown above?

A)

```
for (Contact c : Trigger.new) {
    ContactUtil.setDefaultsOnContact(c, c.Account);
}
```

B)

```
Map<Id, Contact> conMap = new Map<Id, Contact>([
    SELECT Id, Account, Industry FROM Contact WHERE Id :Trigger.newMap.keySet()]);
for (Contact c : Trigger.new) {
    ContactUtil.setDefaultsOnContact(c, conMap.get(c.Id).Account);
}
```

C)

```
Map<Id, Account> acctMap = new Map<Id, Account>([
    SELECT Id, Industry FROM Account WHERE Id :accountIds]);
for (Contact c : Trigger.new) {
    ContactUtil.setDefaultsOnContact(acctMap.get(c.AccountId));
}
```



D)

```
Map<Id, Contact> conMap = new Map<Id, Contact>(  
    [SELECT Id, Account.Industry FROM Contact WHERE AccountId :accountIds];  
    for (Contact c : Trigger.new) {  
        ContactUtil.setDefaultsOnContact(c, conMap.get(c.Id).Account);  
    }  
)
```

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

**Answer:** D

#### NEW QUESTION 362

- (Exam Topic 3)

A developer is building a Lightning web component that displays quantity, unit price, and the total for an order line item. The total is calculated dynamically as the quantity multiplied by the unit price.

##### JavaScript:

```
import { LightningElement } from 'lwc';  
export default class OrderLineItem extends LightningElement {  
    @api quantity;  
    @api unitPrice;  
}
```

##### Template Markup:

```
<template>  
    <div>  
        Quantity: {quantity} <br />  
        Unit Price: {unitPrice} <br />  
    </div>  
</template>
```

What must be added to display the total?

- A. Add get total() { return quantity \* unitPrice;} to the JavaScript and Total: {total} in the template.
- B. Add calculate Total() {return quantity \* unitPrice;} to the javaScript and Total : {calculate Total()} in the template.
- C. Add Total: {quantity \* UnitPrice} in the template.
- D. Add Total; {multiple quantit,y unitprice}} in the template.

**Answer:** B

#### NEW QUESTION 364

- (Exam Topic 3)

Which two queries are selective SOQL queries and can be used for a large data set of 200,000 Account records? Choose 2 answers

- A. SELECT id FROM ACCOUNT WHERE Name = !: ''
- B. SELECT id FROM ACCOUNT WHERE Name = Null
- C. SELECT id FROM ACCOUNT WHERE Name = Null AND Customer\_Number\_c= 'ValueA'
- D. SELECT id FROM ACCOUNT WHERE id IN (list of Account Ids)

**Answer:** CD

#### NEW QUESTION 366

- (Exam Topic 3)

A business currently has a process to manually upload orders from its external Order Management System (OMS) into Salesforce.

This is a labor intensive process since accounts must be exported out of Salesforce to get the IDs. The upload file must be updated with the correct account IDs to relate the orders to the corresponding accounts.

Which two recommendations should make this process more efficient? Choose 2 answers

- A. Ensure the data in the file is sorted by the order ID.
- B. Use the upsert wizard in the Data Loader to import the data.
- C. Identify unique fields on Order and Account and set them as External IDs.
- D. Use the Insert wizard In the Data Loader to Import the data.

**Answer:** BC

### NEW QUESTION 368

- (Exam Topic 3)

Refer to the code snippet below:

```
01 public void createChildRecord(String externalIdentifier){
02     Account parentAccount;
03
04     Contact newContact = new Contact();
05     newContact.Account = parentAccount;
06
07     insert(newContact);
08 }
```

As part of an Integration development effort, a developer is tasked to create an Apex method that solely relies on the use of foreign identifiers. In order to relate new contact records to existing Accounts in Salesforce, the account object contains a field marked as an external ID, the API Name of this field is Legacy\_Id\_\_c. What is the most efficient way to instantiate the parentAccount variable on line 02 to ensure the newly created contact is properly related to the Account?

A)

```
Account parentAccount = [SELECT Id FROM Account WHERE Legacy_Id__c = :externalIdentifier].Id;
```

B)

```
Account parentAccount = new Account(Legacy_Id__c = externalIdentifier);
```

C)

```
Account parentAccount = [SELECT Id FROM Account WHERE Legacy_Id__c = :externalIdentifier];
```

D)

```
Account parentAccount = new Account();
parentAccount.Id = externalIdentifier;
```

A. Option A

B. Option B

C. Option C

D. Option D

**Answer: A**

### NEW QUESTION 373

- (Exam Topic 3)

Universal Containers (UC) has enabled the translation workbench and has translated picklist values. UC has a custom multi-select picklist field, Products\_\_\_\_z, on the Account object that allows sales reps to specify which of UC's products an Account already has. A developer is tasked with writing an Apex method that retrieves Account records, including product\_c field.

What should the developer do to ensure the value of Products\_c is in the current user's language?

A. Set the locale on each record in the SOQL result list.

B. Use the locale clause in the SOQL query.

C. Use toLabel1 Products\_c in the fields list of the SOQL query.

D. Call the translate ( ) method on each record in the SOQL result list.

**Answer: C**

### NEW QUESTION 375

- (Exam Topic 3)

A developer created a Lightning web component for the Account record page that displays the five most recently contacted Contacts for an Account. The Apex method, getRecentContacts, returns a list of Contacts and will be wired to a property in the component.

```
01:
02: public class ContactFetcher {
03:
04:     static List<Contact> getRecentContacts(Id accountId) {
05:         List<Contact> contacts = getFiveMostRecent(accountId);
06:         return contacts;
07:     }
08:
09:     private static List<Contact> getFiveMostRecent(Id accountId) {
10:         //...implementation...
11:     }
12: }
```

Which two lines must change in the above code to make the Apex method able to be wired? Choose 2 answers

A. Add AuraEnabled(cacheable=true) to the line 08

- B. Remove private from line 09.
- C. Add @AuraEnabled (cacheabletrue) to line 03.
- D. Add public to line 04.

**Answer:** CD

#### NEW QUESTION 376

- (Exam Topic 3)

Which statement is considered a best practice for writing bulk safe Apex Triggers?

- A. Perform all DML operations from within a Future Method.
- B. Instead of DML statements, use the Database methods with allOrNone set to False.
- C. Add records to collections and perform DML operations against these collections.
- D. Add LIMIT 50000 to every SOQL statement

**Answer:** C

#### NEW QUESTION 379

- (Exam Topic 3)

A developer created an Apex class that updates an Account based on input from a Lightning web component that is used to register an Account. The update to the Account should only be made if it has not already been registered.

```
account = [SELECT Id, Is_Registered__c FROM Account WHERE Id = :accountId];

if (!account.Is_Registered__c) {
    account.Is_Registered = true;
    // ...set other account fields...
    update account;
}
```

What should the developer do to ensure that users do not overwrite each other's updates to the same Account if they make updates at the same time?

- A. Use CastiCase.update(account, false).
- B. Add a try/catch block around the update.
- C. Use upsert instead of update.
- D. Use FOR UPDATE in a SOQL query.

**Answer:** A

#### NEW QUESTION 381

- (Exam Topic 3)

Which code statement includes an Apex method named updateAccount in the class AccountController for use in a Lightning web component?

- A. Import updateAccounts from AccountController';
- B. Import updateAccounts from @salesforceapexAccountControllerupdateAccounts';
- C. Import updateAccounts from @salesforceapex AccountController';
- D. Import updateAccounts from AccountControllerupdateAccount';

**Answer:** B

#### NEW QUESTION 383

- (Exam Topic 3)

A developer is asked to create a Lightning web component that will be invoked via button on a record page. The component must be displayed in a model dialog.

Which three steps should the developer take to achieve this/

Choose 3 answers

- A. Add a targetConfig and set targets to lightning\_RecordAction.
- B. In targetConfigs, add Lightning\_Apppage as a target.
- C. Set action Type to screenAction.
- D. In target, add lightning\_RecordAction as a target.
- E. Set eventType to action.

**Answer:** CD

#### NEW QUESTION 385

- (Exam Topic 3)

Consider the following code snippet:

How should <c-order> component communicate to the <c-order-order> component that an order has been selected by the user?

- A. Created and fire an application event.
- B. Create and fire a standard DOM event.
- C. Create and fire a component event.
- D. Create and dispatch a custom event

**Answer:** D

**NEW QUESTION 390**

- (Exam Topic 3)

Universal Containers wants to be able to bring up an Account detail page and view a table of containers

currently being rented. The user wants to be able to click on a container in the table and quickly edit and save the location of the container.

In addition to this, the page should have a section that shows the location of each container on a map. Universal Containers wants the map to re-render whenever the location of a container is changed.

What can a developer use to accomplish this task?

- A. Two Lightning Components leveraging Application Events
- B. Two Visualforce Page Components leveraging Application Events
- C. A single visualforce Page leveraging Platform Events
- D. Two Lightning Components leveraging Platform Events

**Answer: A**

**NEW QUESTION 395**

- (Exam Topic 3)

```
Line 1: @isTest
Line 2: static void testMyTrigger()
Line 3: {
Line 4:     //Do a bunch of data setup
Line 5:     DataFactory.setupDataForMyTriggerTest();
Line 6:
Line 7:     List<Account> acctsBefore = [SELECT Is_Customer__c FROM Account WHERE Id IN :DataFactory.accounts];
Line 8:
Line 9:     //Utility to assert all accounts are not customers before the update
Line 10:    AssertUtil.assertNotCustomers(acctsBefore);
Line 11:
Line 12:    //Set accounts to be customers
Line 13:    for(Account a : DataFactory.accounts)
Line 14:    {
Line 15:        a.Is_Customer__c = true;
Line 16:    }
Line 17:
Line 18:    update DataFactory.accounts;
Line 19:
Line 20:    List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id IN
:DataFactory.accounts];
Line 21:
Line 22:    //Utility to assert Number_Of_Transfers__c is correct based on test data
Line 23:    AssertUtil.assertNumberOfTransfers(acctsAfter);
Line 24: }
```

The test method above tests an Apex trigger that the developer knows will make a lot of queries when a lot of Account are simultaneously updated to be customer.

The test method fails at the Line 20 because of too many SOQL queries What is the correct way to fix this?

```
Line 17:
Line 18:     update DataFactory.accounts;
Line 19:
Line 20:     List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id IN
:DataFactory.accounts];
Line 21:
Line 22:     //Utility to assert Number_Of_Transfers__c is correct based on test data
Line 23:     AssertUtil.assertNumberOfTransfers(acctsAfter);
Line 24: }
```

The test method above tests an Apex trigger that the developer knows will make a lot of queries when a lot of Accounts are simultaneously updated to be customers.

The test method fails at the Line 20 because of too many SOQL queries. What is the correct way to fix this?

- A. Add TestStartTest() before and Test.stopTest() after both Line 7 of the code and Line 20 of the code.
- B. Change the DataFactory class to create fewer Accounts so that the number of queries in the trigger is reduced.
- C. Add TestStartTest() before Line 18 of the code and add Test.stopTest() after line 18 of the code.
- D. Replace most of the Apex Trigger with Process Builder processes to reduce the number of queries in the trigger.

**Answer: C**

**NEW QUESTION 398**

- (Exam Topic 3)

Consider the following code snippet:

```
HttpRequest req = new HttpRequest();
req.setEndpoint('https://TestEndpoint.example.com/some_path');
req.setMethod('GET');
Blob headerValue = Blob.valueOf('myUserName' + ':' + 'strongPassword');
String authorizationHeader = 'BASIC ' + EncodingUtil.base64Encode(headerValue);
req.setHeader('Authorization', authorizationHeader);
Http http = new Http();
HttpResponse res = http.send(req);
```

Which two steps should the developer take to add flexibility to change the endpoint and credentials without needing to modify code?

Choose 2 answers

- A. Create a Named Credential, endPoint\_NC, to store the endpoint and credentials.
- B. Store the URL of the endpoint in a custom Label named endPointURL.



- C. Use req.setEndpoint(,callcut:endPoint\_NC,); within the callout request.  
D. Use req.setEndpoint(Label.endPointURL);.

**Answer:** AC

#### NEW QUESTION 402

- (Exam Topic 3)

A developer created a Lightning web component that uses a Lightning-record-edit-form to collect information about Leads. Users complain that they only see one error message at a time when they save a Lead record.

Which best practice should the developer use to perform the validations, and allow more than one error message to be displayed simultaneously?

- A. Client-side validation  
B. Process Builder  
C. Apex REST  
D. Custom validation rules

**Answer:** A

#### NEW QUESTION 404

- (Exam Topic 3)

A developer is creating a page in App Builder that will be used in the Salesforce mobile app.

Which two practices should the developer follow to ensure the page operates with optimal performance? Choose 2 answers

- A. Limit five visible components on the page.  
B. Limit 25 fields on the record detail page.  
C. Limit the number of Tabs and Accordion components.  
D. Analyze the page with Performance Analysis for App Builder.

**Answer:** BD

#### NEW QUESTION 407

- (Exam Topic 3)

Consider the following code snippet:

```
trigger AccountTrigger on Account (after insert){
    for(Account thisAccount : Trigger.new){
        AccountHandler.createRelatedOpportunity(thisAccount);
    }
}

public class AccountHandler{
    public static void createRelatedOpportunity(Account thisAccount){
        Pricing Structure__c ps = (Pricing Structure__c) FROM Pricing_Structure__c WHERE Industry__c = :thisAccount.Industry
        LIST ...
        Opportunity newOp = new Opportunity(IsParentId = thisAccount.Id,
        Name = 'thisAccount.Name' + ' - Bage
        CloseDate = System.Today()+30,
        StageName = 'Prospecting',
        Pricing_Structure__c =
    }
}
```

Which governor limit is likely to be exceeded when the trigger runs when a scope of 200 newly inserted accounts?

- A. Total number of DML statements issued  
B. Total number of records processed as a result of DML  
C. Total number of SOQL queries issued  
D. Total number of SOQL queries issued

**Answer:** A

#### NEW QUESTION 409

- (Exam Topic 3)

A Salesforce org has more than 50,000 contacts. A new business process requires a calculation that aggregates data from all of these contact records. This calculation needs to run once a day after business hours.

Which two steps should a developer take to accomplish this? Choose 2 answers

- A. Use the @future annotation on the method that performs the aggregate calculation.
- B. Implement the schedulable Interface In the class that contains the aggregate calculation method.
- C. Use the areadOnly annotation on the method that performs the aggregate calculation.
- D. Implement the Queueable Interface in the class that contains the aggregate calculation method.

**Answer:** BD

#### NEW QUESTION 412

- (Exam Topic 3)

Universal Containers (UC) currently does not development in its full copy sandbox.

Recently, UC has projects that require multiple developers to develop concurrently. UC is running into issues with developers making changes that cause errors In work done by other developers.

Additionally, when they are ready to deploy, many unit tests fail which prevents the deployment. which three types of orgs should be recommended to UC to eliminate these problems?

Choose 3 answers

- A. Data Migration org
- B. Development org
- C. Staging org
- D. Systems Integration org
- E. Continuous Integration (CI) Org

**Answer:** ACE

#### NEW QUESTION 415

- (Exam Topic 3)

A developer created a JavaScript library that simplifies the development of repetitive tasks and features and uploaded the library as a static resource called jsutils in Salesforce. Another developer is coding a new Lightning web component (LWC) and wants to leverage the library.

Which statement properly loads the static resource within the LWC?

- A. import {jsUtilities} from '@salesforce/reaourceUrljsUtila';
- B. import jUtilities from '@salesforce/reaourceUrljsUtila';
- C. <lightning-require scripts=N { ! SReaourc
- D. j sUtils}'/>
- E. const jsUtility = SA.get ('SReaource.jsUtils');

**Answer:** B

#### NEW QUESTION 420

- (Exam Topic 3)

##### Component markup:

```
<aura:component>
    <aura:attribute name="contactInfo" type="Object"/>
    <aura:attribute name="showContactInfo" type="boolean" default="true"/>
    <aura:handler name="init" value="{!this}" action="{!c.init}"/>

    <!-- ... other code ... -->
    <aura:if isTrue="{!v.showContactInfo}">
        <c:contactInfo value="{!v.contactInfo}"/>
    </aura:if>
</aura:component>
```

##### Controller JS:

```
{
    init: function(cmp, helper) {
        // ...other code ...
        var show = helper.getShowContactInfo();
        cmp.set("v.showContactInfo", show);
    },
    // other code...
}
```

A developer receives complaints that the component loads slowly.

Which change can the developer implement to make the component perform faster?

- A. Change the default for showContacrInfo to "false".
- B. Move the contents of <c: concacclInfo into the component.
- C. Change the type of contactInfo to "Map".
- D. Add a change event handler for showContactinfo

**Answer:** A

#### NEW QUESTION 421

- (Exam Topic 3)

Universal Containers has an existing automation where a custom record called Account Plan is created upon an Account being marked as a Customer. Recently, a Workflow Rule was added so that whenever an Account is marked as a Customer, a 'Customer Since' date field is updated with today's date. Now, since the addition of the Workflow Rule, two Account Plan records are created whenever the Account is marked as a Customer. What might cause this to happen?

- A. The Apex Trigger responsible for the record creation is not bulk safe and calls insert inside of a for loop.
- B. The Apex Trigger responsible for the record creation does not use a static variable to ensure it only fires once.
- C. The Workflow Rule responsible for the record creation fires twice because the 'Customer Since' field Update is marked as 'Re-evaluate Workflow Rules After Field Change'.
- D. The Process Builder responsible for the record creation fires before and after the Workflow rule.

**Answer: C**

#### NEW QUESTION 424

- (Exam Topic 3)

Assuming the CreateOneAccount class creates one account and implements the Queueable interface, which syntax tests the Apex code?

A)

```
List<Account> accts;
System.enqueueJob( new CreateOneAccount() );
Test.getFlexQueueOrder();
System.assertEquals( 1, accts.size() );
```

B)

```
List<Account> accts;
Test.startTest();
System.enqueueJob( new CreateOneAccount() );
Test.stopTest();
accts = [SELECT Id FROM Account];
System.assertEquals( 1, accts.size() );
```

C)

```
List<Account> accts;
System.enqueueJob( new CreateOneAccount() );
Test.startTest();
System.assertEquals(1, accts.size() );
Test.stopTest();
```

D)

```
List<Account> accts;
System.enqueueJob( new CreateOneAccount() );
accts = [SELECT Id FROM Account];
System.assertEquals(1, accts.size() );
```

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

**Answer: B**

#### NEW QUESTION 425

- (Exam Topic 3)



What are two benefits of using External IDs? Choose 2 answers

- A. An External ID is indexed and can improve the performance of SOQL queries.
- B. An External ID field can be used to reference a unique ID from another, external system.
- C. An External ID can be a formula field to help create a unique key from two fields in Salesforce.
- D. An External ID can be used with Salesforce Mobile to make external data visible.

**Answer:** AB

#### NEW QUESTION 430

- (Exam Topic 3)

A developer has a Batch Apex process, Batch\_Account\_Sales, that updates the sales amount for 10,000 Accounts on a nightly basis. The Batch Apex works as designed in the sandbox. However, the developer cannot get code coverage on the Batch Apex class.

The test class is below:

```
@IsTest private Batch_Account_Update_Test() {  
    @IsTest static void UnitTest() {  
        Account a = new Account(Name='test',Type='Customer',Sales_Amount__c=0);  
        insert a;  
        Batch_Account_Sales bas = new Batch_Account_Sales();  
        ID jobId = database.executebatch(bas);  
    }  
}
```

What is causing the code coverage problem?

- A. The batch process will not recognize new accounts created in the same session
- B. The account creation already sets the sales amount to 0.
- C. The executeBatch must fail within test
- D. startTest ( ) and – test
- E. stopTest().
- F. The batch needs more than one account record created.

**Answer:** C

#### NEW QUESTION 435

- (Exam Topic 3)

Consider the following code snippet:

```
import { LightningElement } from 'lwc';  
import getOrders from '@salesforce/apex/OrderController.getAvailableOrders';  
  
export default class OrderManagement extends LightningElement {  
    orders;  
    error;  
  
    @wire(getOrders)  
    wiredOrders({ error, data }) {  
        if (data) {  
            this.orders = data;  
            this.error = undefined;  
        } else if (error) {  
            this.error = error;  
            this.orders = undefined;  
        }  
    }  
}
```

Choose 2 answers

- A. import getOrders from '@salesforce/apex/OrderController.getAvailableOrders';
- B. import { LightningElement } from 'lwc';
- C. import getOrders from '@salesforce/apex/c.OrderController.getAvailableOrders';
- D. import { LightningElement, wire } from 'lwc';

**Answer:** AD

#### NEW QUESTION 440

- (Exam Topic 3)

A developer is creating a Lightning web component that contains a child component. The property stage is being passed from the parent to the child. The public property is changing, but the setOppList function is not being invoked.



```
@api stage;
opps;
connectedCallback() {
    this.opps = this.setOppList(this.stage);
}
```

What should the developer change to allow this?

- A. Move the logic from connectedCallback() to constructor().
- B. Create a custom event from the parent component to set the property.
- C. Move the logic from connectedCallback() to renderedCallback().
- D. Move the logic to a getter/setter pair.

**Answer: D**

#### NEW QUESTION 442

- (Exam Topic 3)

A developer is experiencing issues with a Lightning web component. The component must surface information about Opportunity owned by the currently logged-in user.

When the component is rendered, the following message is displayed: "Error retrieving data" Which modification should be implemented to the Apex class to overcome the issue?

- A. Edit the code to use the without sharing keyword in the Apex class.
- B. Use the Cacheable=True attribute in the Apex method.
- C. Ensure the OWD for the Opportunity object is public.
- D. Use the Continuation=true attribute in the Apex method.

**Answer: B**

#### NEW QUESTION 444

- (Exam Topic 3)

For compliance purposes, a company is required to track long-term product usage in their org. The information that they need to log will be collected from more than one object and, over time, they predict they will have hundreds of millions of records.

What should a developer use to implement this?

- A. Field Audit Trail
- B. Setup Audit Trail
- C. Field History Tracking
- D. Big objects

**Answer: D**

#### NEW QUESTION 446

- (Exam Topic 3)

The Account edit button must be overridden in an org where a subset of users still use Salesforce Classic. The org already has a Lightning Component that will do the work necessary for the override, and the client wants to be able to reuse it, How should a developer implement this?

- A. Override the edit button for both Lightning and Classic with a Lightning Component.
- B. Override the edit button for Lightning with a Lightning Page; and for Classic, override the edit button with a Visualforce page That contains the Lightning Component.
- C. Override the edit button for Lightning with a Lightning Component; and for Classic, override the edit button with a Visualforce page that contains the Lightning Component.
- D. the edit button for both Lightning and Classic with a new Visualforce page.

**Answer: C**

#### NEW QUESTION 449

- (Exam Topic 3)

What are three reasons that a developer should write Jest tests for Lightning web components? Choose 3 answers

- A. To test basic user interaction
- B. To verify that events fire when expected
- C. To test how multiple components work together
- D. To verify the DOM output of a component
- E. To test a component's non-public properties

**Answer: BDE**

#### NEW QUESTION 452

- (Exam Topic 3)

The head of recruiting at Universal Containers wants to provide all internal users the ability to search for open positions by role, department, and location via a new recruiting app, In addition to search, users of the app should be able to refer a friend, apply for a position, and review the status of their current submissions. The app should be made available in Salesforce Mobile, but offline access is not required. Given these requirements, what is the recommended approach to develop the app?

- A. Visualforce
- B. Lightning Web Components
- C. Lightning Experience Builder
- D. Salesforce SDK

**Answer:** D

#### NEW QUESTION 457

- (Exam Topic 3)

A developer wishes to improve runtime performance of Apex calls by caching results on the client. What is the most efficient way to Implement this?

- A. Set a cookie in the browser for use upon return to the page.
- B. Decorate the server-side method with @AuraEnabled(storage=true).
- C. Decorate the server-side method with @AuraEnabled(cacheable=true).
- D. Call the setstoreable () method on the action in the JavaScript client-side code.

**Answer:** C

#### NEW QUESTION 459

- (Exam Topic 3)

There is an Apex controller and a Visualforce page in an org that displays records with a custom filter consisting of a combination of picklist values selected by the user.

The page takes too long to display results for some of the input combinations, while for other input choices it throws the exception, \*Maximum view state size limit exceeded.

What step should the developer take to resolve this issue?

- A. Split the layout to filter records in one Visualforce page and display the list of records in a second page using the same Apex Controller.
- B. Adjust any code that filters by picklist values since they are not indexed.
- C. Use a StandardSetController or SOQL LIMIT in the Apex controller to limit the number of records displayed at a time.
- D. Remove instances of the transient keyword from the Apex controller to avoid the view state error.

**Answer:** C

#### NEW QUESTION 463

- (Exam Topic 3)

What should a developer use to query all Account fields for the Acme account in their sandbox?

- A. SELECT \* FROM ACCOUNT WHERE Name = 'Acme' LIMIT 1
- B. SELECT ALL FROM Account WHERE Name = 'Acme' LIMIT 1
- C. SELECT FIELDS FROM Account WHERE Name = 'Acme' LIMIT 1
- D. SELECT FIELDS (ALL) FROM Account WHERE Name = 'Acme' LIMIT 1

**Answer:** D

#### NEW QUESTION 467

- (Exam Topic 3)

Refer to the code snippet below:

```
public static void updateCreditMemo(String customerId, Decimal newAmount){
    List<Credit_Memo__c> toUpdate = new List<Credit_Memo__c>();
    for(Credit_Memo__c creditMemo : [Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId
LIMIT 50]){
        creditMemo.Amount__c = newAmount;
        toUpdate.add(creditMemo);
    }
    Database.update(toUpdate, false);
}
```

A custom object called Credit\_Memo\_\_c exist in a Salesforce environment. As part of a new feature development that retrieves and manipulates this type of record, the developer needs to ensure race conditions are prevented when a set of records are modified within an Apex transaction.

In the preceding Apex code, how can the developer alter the query statement to use SOQL features to prevent race condition within a transaction?

- A)  
`[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId FOR REFERENCE LIMIT 50]`
- B)  
`[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId LIMIT 50 FOR REFERENCE]`
- C)  
`[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId LIMIT 50 FOR UPDATE]`
- D)  
`[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId FOR UPDATE LIMIT 50]`

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

**Answer:** C

**NEW QUESTION 471**

- (Exam Topic 3)

A company recently deployed a Visualforce page with a custom controller that has a data grid of information about Opportunities in the org.

Users report that they receive a "Maximum view state size limit" error message under certain conditions. According to Visualforce best practice, which three actions should the developer take to reduce the view state?

Choose 3 answers

- A. Use the transient keyword in the Apex controller for variables that do not maintain state.
- B. Use the final keyword in the controller for variables that will not change.
- C. Refine any SQL queries to return only data relevant to the page.
- D. Use the private keyword in the controller for variables
- E. Use filters and pagination to reduce the amount of data.

**Answer:** CDE

**NEW QUESTION 474**

- (Exam Topic 3)

A company wants to run different logic based on an Opportunity's record type. Which code segment handles this request and follows best practices?

A)

```
List<RecordType> recTypes = [SELECT Id, Name FROM RecordType WHERE
    SObjectType = 'Opportunity' AND IsActive = True];

Map<String, Id> recTypeMap = new Map<String, Id>();
for(RecordType rt : recTypes) {
    recTypeMap.put(rt.Name, rt.Id);
}

for(Opportunity o : Trigger.new) {
    if(o.RecordTypeId == recTypeMap.get('New') {
        // do some logic Record Type 1
    }
    else if (o.RecordTypeId == recTypeMap.get('Renewal') {
        // do some logic for Record Type 2
    }
}
```

B)

```
for(Opportunity o : Trigger.new) {
    if(o.RecordTypeId == '0125000000009WAr') {
        // do some logic Record Type 1
    }
    else if (o.RecordTypeId == '0125000000009WBs') {
        // do some logic for Record Type 2
    }
}
```

- A. Option A
- B. Option B

**Answer:** A

**NEW QUESTION 477**

- (Exam Topic 3)

A developer writes a lightning web component that displays a dropdown list of all custom objects in the org from which a user will select Apex method prepares and returns data to the component.

What should the developer do to determine which objects to include in the response?

- A. Check the isCustom ( ) value on the sObject describe result.
- B. Use the getCustomObject ( ) method from the Schema class.
- C. Import the list of all custom objects from @salesforce/schema.
- D. Check the getObjectType ( ) value for Custom' or 'Standard' on the sObject describe result.

**Answer:** A

**NEW QUESTION 479**

- (Exam Topic 3)

Which three approaches should a developer implement to obtain the best performance for data retrieval when building a Lightning web component?

Choose 3 answers

- A. Use lazy load for occasionally accessed data.
- B. Use layoutTypes : ['Full'] to display a set of fields.
- C. Use the Lightning Data Service.
- D. Use getRecordUi to obtain metadata.
- E. Use (cacheable=true) whenever possible.

**Answer:** ACE

**NEW QUESTION 480**

- (Exam Topic 3)

An org contains two custom objects; Building\_\_c and Office\_\_c. Office\_\_c has a Lookup field to Building\_\_c. A developer is asked to automatically populate the Number\_of\_Offices\_\_c field on the Building\_\_c object with the count of related Office\_\_c records anytime an Office\_\_c record is created or deleted. The developer cannot modify the field types. Which solution meets the requirements?

- A. Flow
- B. Workflow
- C. Apex Trigger
- D. Process Builder

**Answer: C**

#### NEW QUESTION 483

- (Exam Topic 3)

A developer is tasked with creating a Lightning web component that allows users to create a Case for a selected product, directly from a custom Lightning page. The input fields in the component are displayed in a non-linear fashion on top of an image of the product to help the user better understand the meaning of the fields.

Which two components should a developer use to implement the creation of the Case from the Lightning web component?

Choose 2 answers

- A. lightning-record-edit-form
- B. lightning-input
- C. lightning-record-form
- D. lightning-input-field

**Answer: AC**

#### NEW QUESTION 488

- (Exam Topic 3)

A developer is tasked with creating an application-centric feature on which end-users can access and update information. This feature must be available in Lightning Experience while working seamlessly in multiple device form factors, such as desktops, phones, and tablets. Additionally, the feature must support Addressable URL Tabs and interact with the Salesforce Console APIs.

What are two approaches a developer can take to build the application and support the business requirements? Choose 2 answers

- A. Create the application using Aura Components wrapped in Lightning Web Components.
- B. Create the application using Lightning web Components wrapped in Aura Components.
- C. Create application using Aura Components.
- D. Create the application using Lightning Experience Builder.

**Answer: BC**

#### NEW QUESTION 492

- (Exam Topic 3)

A developer recently released functionality to production that performs complex commission calculations in Apex code called from an Opportunity trigger. Users report that the calculations seem incorrect because the values they see for commissions are wrong.

The developer has representative test data in their developer sandbox.

Which three tools or techniques should the developer use to execute the code and pause it at key lines to visually inspect values of various Apex variables?

Choose 3 answers

- A. Developer Console
- B. visual Studio Code
- C. Breakpoints
- D. Apex Replay Debugger
- E. Workbench

**Answer: ABD**

#### NEW QUESTION 494

- (Exam Topic 3)

There are user complaints about slow render times of a custom data table within a Visualforce page that loads thousands of Account records at once.

What can a developer do to help alleviate such issues?

- A. Use the standard Account List controller and implement pagination.
- B. Use JavaScript remoting to query the accounts.
- C. Use the transient keyword in the Apex code when querying the Account records.
- D. Upload a third-party data table library as a static resource.

**Answer: C**

#### NEW QUESTION 497

- (Exam Topic 3)

The Salesforce admin at Cloud Kicks created a custom object called Region\_\_c to store all postal zip codes in the United States and the Cloud Kicks sales region the zip code belongs to.



**Object Name:**

Region\_\_c

**Fields:**

Zip\_Code\_\_c (Text)

Region\_Name\_\_c (Text)

Cloud Kicks wants a trigger on the Lead to populate the Region based on the Lead's zip code.

A)

```
Set<String> zips = new Set<String>();
for(Lead l : Trigger.new) {
    if(l.PostalCode != Null) {
        zips.add(l.PostalCode);
    }
}

List<Region__c> regions = [SELECT Zip_Code__c, Region_Name__c FROM Region__c WHERE
Zip_Code__c IN :zips];

Map<String, String> zipMap = new Map<String, String>();
for(Region__c r :regions) {
    zipMap.put(r.Zip_Code__c, r.Region_Name__c);
}

for(Lead l : Trigger.new) {
    if(l.PostalCode != Null) {
        l.Region__c = zipMap.get(l.PostalCode);
    }
}
```

B)

```
Zip_Code__c IN :zips];

for(Lead l : Trigger.new) {
    for(Region__c r :regions) {
        if(l.PostalCode == r.Zip_Code__c) {
            l.Region__c = r.Region_Name__c;
        }
    }
}
```

C)

```
Set<String> zips = new Set<String>();
for(Lead l : Trigger.new) {
    if(l.PostalCode != Null) {
        zips.add(l.PostalCode);
    }
}

List<Region__c> regions = [SELECT Zip_Code__c, Region_Name__c FROM Region__c WHERE
Zip_Code__c IN :zips];

Map<String, String> zipMap = new Map<String, String>();
for(Region__c r :regions) {
    zipMap.put(r.Zip_Code__c, r.Region_Name__c);
}

for(Lead l : Trigger.new) {
    if(l.PostalCode != Null) {
        l.Region__c = zipMap.get(l.PostalCode);
    }
}
```

D)

```
for(Lead l : Trigger.new) {
    Region__c reg = [SELECT Region_Name__c FROM Region__c WHERE Zip_Code__c =
```

A. Option A

B. Option B

- C. Option C
- D. Option D

**Answer:** A

#### NEW QUESTION 500

- (Exam Topic 3)

A custom Aura component, AddressValidation,cmp,exists in the system. The Salesforce admin for the organization is unable to find and select the component while creating a quick action for the Account sObject.

What should the developer do to ensure that AddressValidation,cmp can be selected when creating a quick action?

- A. Ensure the component implements the lightning:actionOverride interface.
- B. Ensure the component implements the force:lightningQuickAction.interface.
- C. Ensure the access attribute of the aura:component tag is set to Global.
- D. Ensure the component implements the force:hasRecordedId interface.

**Answer:** B

#### NEW QUESTION 505

- (Exam Topic 3)

Salesforce users consistently receive a "Maximum trigger depth exceeded" error when saving an Account. How can a developer fix this error?

- A. Split the trigger logic into two separate triggers.
- B. Modify the trigger to use the isMultiThread=true annotation.
- C. Convert trigger to use the @future annotation, and chain any subsequent trigger invocations to the Account object.
- D. Use a helper class to set a Boolean to TRUE the first time a trigger is fired, and then; modify the trigger to only fire when the Boolean is FALSE.

**Answer:** D

#### NEW QUESTION 509

- (Exam Topic 3)

How can a developer efficiently incorporate multiple JavaScript libraries, such as JQuery and MomenUS, in a Lightning Component?

- A. Implement the libraries in separate helper files.
- B. Use CONs with script attributes
- C. Use JavaScript remoting and script tags.
- D. Join multiple assets from a static resource.

**Answer:** D

#### NEW QUESTION 512

- (Exam Topic 3)

A developer is building a Lightning web component that retrieves data from Salesforce and assigns it to the record property.

```
import { LightningElement, api, wire } from 'lwc';
import { getRecord } from 'lightning/uiRecordApi';

export default class Record extends LightningElement {
  @api fields;
  @api recordId;
  record;
}
```

What must be done in the component to get the data from Salesforce?

A)

Add the following code above record;

```
@api(getRecord, { recordId: '$recordId' })
```

Get the fields in renderedCallback() and assign them to record.

B)

Add the following code above record;

```
@wire(getRecord, { recordId: '$recordId', fields: '$fields' })
```

C)

Add the following code above record;

```
@wire(getRecord, { recordId: '$recordId' })
```

Get the fields in renderedCallback() and assign them to record.

D)

Add the following code above record;

```
@api(getRecord, { recordId: '$recordId', fields: '$fields' })
```

- A. Option A
- B. Option B

- C. Option C
- D. Option D

**Answer:** B

#### NEW QUESTION 514

- (Exam Topic 3)

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

Which modification to the method is necessary?

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

**Answer:** A

#### NEW QUESTION 519

- (Exam Topic 3)

As part of point-to-point integration, a developer must call an external web service which, due to high demand, takes a long time to provide a response. As part of the request, the developer must collect key inputs from the end user before making the callout.

Which two elements should the developer use to implement these business requirements? Choose 2 answers

- A. Apex method that returns a Continuation object
- B. Screen now
- C. Process Builder
- D. Lightning web component

**Answer:** AD

#### NEW QUESTION 520

- (Exam Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 525

- (Exam Topic 3)

Users upload .csv files in an external system to create account and contact records in Salesforce. Up to 200 records can be created at a time. The users need to wait for a response from Salesforce in the external system, but the data does not need to synchronize between the two systems.

Based on these requirements, which method should a developer use to create the records in Salesforce?

- A. REST API request using `composite/vbatch/`
- B. REST API request using `composite/tree/`
- C. Apex web services
- D. Bulk API 2.0

**Answer:** D

#### NEW QUESTION 526

- (Exam Topic 3)

When developing a Lightning web component, which setting displays lightning-layout-items in one column on small devices, such as mobile phones, and in two columns on tablet-size and desktop-size screens?

- A. Set `size=M6" mobile-device-size="12"`
- B. Set `size-"12" medium-device-size="6"`
- C. Set `size-"12" tablet-device-size-"6"`
- D. Set `size-"6" small-device-size-"12"`

**Answer:** B

#### NEW QUESTION 529

- (Exam Topic 3)

A developer wrote the following method to find all the test accounts in the org:

```
public static Account[] searchTestAccounts() {  
    List<List<SObject>> searchList = [ FIND 'test' IN ALL FIELDS  
                                       RETURNING Account(Name) ];  
    return (Account[]) searchList[0];  
}
```

However, the test method below fails.

```
@isTest  
public static void testSearchTestAccounts() {  
    Account a = new Account(name='test');  
    insert a;  
    Account [] accounts = TestAccountFinder.searchTestAccounts();  
    System.assert(accounts.size() == 1 );  
}
```

What should be used to fix this falling test?

- A. Tes
- B. loaddata to set up expected data
- C. Tes
- D. fixedSearchResults ( ) method to set up expected data
- E. @isTest (See AllData=true) to access org data for the test
- F. @testSetup method to set up expected data

**Answer: B**

#### NEW QUESTION 533

- (Exam Topic 3)

A lead developer for a Salesforce organization needs to develop a page-centric application that allows the user to interact with multiple objects related to a Contact. The application needs to implement a third-party JavaScript framework such as Angular, and must be made available in both Classic and Lightning Experience. Given these requirements, what is the recommended solution to develop the application?

- A. Aura Components
- B. Lightning Web Components
- C. Visualforce
- D. Lightning Experience Builder

**Answer: C**

#### NEW QUESTION 534

- (Exam Topic 3)

Consider the following code snippet:

Users of this Visualforce page complain that the page does a full refresh every time the Search button is pressed.

What should the developer do to ensure that a partial refresh is made so that only the section identified with opportunity List is re-drawn on the screen?

- A. Ensure the lotion method search returns null.
- B. Implement the rerendered attribute on the <apex:commandButton>tag.
- C. Enclose the DATA table within the <apex:actionRegion> tag.
- D. Implement the <apex:actionFunction> tag with immediate = true.

**Answer: B**

#### NEW QUESTION 537

- (Exam Topic 3)

A developer created the following test method:

```
@isTest(SeeAllData= true)  
public static void testDeleteTrigger() {  
  
    Account testAccount = new Account(name = 'Test1');  
    insert testAccount;  
  
    List<Account> testAccounts = [SELECT Id, Name from Account WHERE Name like 'Test%'];  
    System.assert(testAccounts.size() > 0);  
  
    delete testAccounts;  
    testAccounts = [SELECT Id, Name from Account WHERE Name like 'Test%'];  
    System.assert(testAccounts.size() == 0);  
}
```

The developer org has five accounts where the name starts with Test". The developer executes this test in the Developer Console. After the test code runs, which statement is true?

- A. The test will fail.

- B. There will be no accounts where the name starts with "Test".
- C. There will be five accounts where the name starts with Test"
- D. There will be six accounts where the name starts with Test".

**Answer:** C

#### NEW QUESTION 540

- (Exam Topic 3)

Which two best practices should the developer Implement to optimize this code? Choose 2 answers

- A. Use a collection for the DML statement.
- B. Query the Pricing\_structure\_\_\_c records outside of the loop.
- C. Change the trigger context to after update, after insert.
- D. Remove the DML statement.

**Answer:** BD

#### NEW QUESTION 544

- (Exam Topic 3)

When calling a RESTful web service, the developer must implement two-way SSL authentication to enhance security. The Salesforce admin has generated a self-sign certificate within Salesforce with a unique name of "ERPSecCertificate".

Consider the following code snippet:

Which method must the developer implement in order to sign the HTTP request with the certificate?

- A. req.setHeader('certificate', 'ERPSecCertificate');
- B. req.setSecure('ERPSecCertificate');
- C. req.setClientCertificateName('ERPSecCertificate');
- D. req.setSecureCertificate( 'ERPSecCertificate');

**Answer:** C

#### NEW QUESTION 549

- (Exam Topic 3)

A developer has a Visual force page that automatically assign ownership of an Account to a queue save. The page appears to correctly assign ownership, but an assertion validating the correct ownership fails.

What can cause this problem?

- A. The test class does not use the Bulk API for loading test data.
- B. The test class does not retrieve the updated value from the database.
- C. The test class does not use the seeAllData=true annotation,
- D. The test class does not implement the Queueable interface.

**Answer:** B

#### NEW QUESTION 552

- (Exam Topic 3)

Which three Visualforce components can be used to initiate Ajax behavior to perform partial page updates? Choose 3 answers

- A. `<apex:form>`
- B. `<apex:commandLink>`
- C. `<apex:commandButton>`
- D. `<apex:actionStatus>`
- E. `<apex:actionSupport>`

**Answer:** BCE

#### NEW QUESTION 553

- (Exam Topic 3)

The Contact object in an org is configured with workflow rules that trigger field updates. The fields are not updating, even though the end user expects them to. The developer creates a debug log to troubleshoot the problem.

What should the developer specify in the debug log to see the values of the workflow rule conditions and debug the problem?

- A. INFO level for the Database log category
- B. ERROR level for the Workflow log category
- C. ERROR level for the Database log category
- D. INFO level for the Workflow log category

**Answer:** A

#### NEW QUESTION 554



- (Exam Topic 3)

A lead developer is creating tests for a Lightning web component. The component re-renders when a property called `bypassSelection` changes its value. What should the developer use to test that the component re-renders successfully when the property changes?

- A. `Promis`
- B. `resolve ( )`
- C. `dispatchEvent (new CustomEvent ( ' bypassSelection' ))`
- D. `Windows, Setinterval ( )`
- E. `Windows, set State ( )`

**Answer: C**

#### NEW QUESTION 555

- (Exam Topic 3)

After a Platform Event Is defined in a Salesforce org, events can be published via which two mechanisms? Choose 2 answers

- A. Internal Apps can use Outbound Messages.
- B. Internal Apps can use Process Builder.
- C. External Apps require the standard Streaming API
- D. External Apps use an API to publish event messages

**Answer: BD**

#### NEW QUESTION 556

- (Exam Topic 3)

The following code segment is railed from a Trigger handler class from the Opportunity trigger:

```
for(Opportunity opp: Trigger.new){

    if(opp.amount >= 1000000){

        Account acct = [SELECT Id, status FROM Account WHERE Id = :opp.accountId LIMIT 1];
        acct.status = 'High Potential';
        Update acct;
    }
}
```

Which two changes should improve this code and make it more efficient? Choose 2 answers

- A. Move the DML outside of the for loop.
- B. Move the SOQL to fetch the account record outside of the for loop.
- C. Move business logic inside the Opportunity trigger.
- D. Use `Triginstead.old` instead of `Trigger.new`.

**Answer: AB**

#### NEW QUESTION 557

- (Exam Topic 3)

A developer has created a Lightning web component that uses the `getRecord` wire adapter.

Which three things should the developer do in a Jest test to validate the wire method is working as expected? Choose 3 answers

- A. Import `mrf` from `iwe`.
- B. Create a JSON file with mode data.
- C. Use the API.
- D. Use an assert statement to validate results.
- E. Import `getRecord` from `lightning/uiRecordAp1`

**Answer: ADE**

#### NEW QUESTION 559

- (Exam Topic 3)

A developer wants to integrate invoice and invoice line data into Salesforce from a custom billing system. The developer decides to make realtime callouts from the billing system using the SOAP API. Unfortunately, the developer is getting a lot of errors when inserting the invoice line data because the invoice header record doesn't exist yet.

What will help ensure ne transactional Integrity of the integration?

- A. Create the invoice header and the related invoice lines in the same `create()` call leveraging External Ids.
- B. Develop a custom Apex web service to handle a custom JSON data structure with both invoice header and related invoice lines.
- C. Use an ETL tool and the Bulk API running nightly, thus ensuring all of the data is handled at the same time.
- D. Set the `AllOrNoneHeader` to true when calling each of `create()` for invoice headers and `create()` for invoice lines.

**Answer: A**

**NEW QUESTION 564**

- (Exam Topic 3)

A company has a Request\_\_c object that has a lookup to the Opportunity object and a custom field. Status\_\_c, with values of Open, 'Closed, and Invalid.' An Opportunity should not be allowed to be deleted if there are any Request\_\_c records related to it that have a Status\_\_c value of Open or 'Closed.' what is the optimal way to enforce the requirement to prevent deletion?

- A. A Process on Request\_\_c
- B. A Process on Opportunity
- C. An Apex Trigger on Opportunity
- D. An Apex Trigger on Request\_\_c

**Answer: C**

**NEW QUESTION 569**

- (Exam Topic 3)

A developer is creating a Lightning web component that displays a list of records in a lightning-datatable. After saving a new record to the database, the list is not updating.

```
data;
@wire(recordList, {recordId : 'SrecordId'})
records(result){
    if(result.data){
        this.data = result.data;
    } else if(result.error){
        this.showToast(result.error);
    }
}
```

What should the developer change in the code above for this to happen?

- A. Add the @track decorator to the data variable.
- B. Create a new variable to store the result and annotate it with @track.
- C. Call refreshApex () on this.data
- D. Create a variable to store the result and call refreshApex ().

**Answer: D**

**NEW QUESTION 570**

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