



# **Salesforce**

## **Exam Questions Platform-Developer-II**

Platform Developer II

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**NEW QUESTION 1**

- (Exam Topic 1)

A developer gets an error saying 'Maximum Trigger Depth Exceeded.' What is a possible reason to get this error message?

- A. The SOQL governor limits are being hit.
- B. A Process Builder is running that sends mass emails.
- C. Trigger is recursively invoked more than 16 times.
- D. There are numerous DML operations in the trigger logic.

**Answer:** C

**NEW QUESTION 2**

- (Exam Topic 1)

REST uses .

- A. The HTTP class
- B. The HTTPRequest class
- C. The HTTPResponse class
- D. All of the above

**Answer:** D

**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 has written the following method: static void processList(List<sobject> input){ Which code block can be used to call the method?

- A. processList (ace)
- B. processList ([FIND 'Acme" 'RETURNING Account])
- C. processList([SELECT Id, Name FROM sObject WHERE Type = 'Account'])
- D. for Account ace : [SELECT Id, Name FROM Account])

**Answer:** C

**NEW QUESTION 7**

- (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 8

- (Exam Topic 1)

A Visualforce page needs to make a callout to get bidding information and tax information from two different REST endpoints. The information needs to be displayed to the user at the same time and the return value of the billing information contains the input for the tax information callout. Each endpoint might take up to two minutes to process.

How should a developer implement the callouts?

- A. A Continuation for both the billing callout and the tax callout
- B. An HTTP REST call out for both the billing callout and the tax callout
- C. An HTTP REST callout for the billing callout and a Continuation for the tax callout
- D. A Continuation for the billing callout and an HTTP REST callout for the tax callout

**Answer:** A

#### NEW QUESTION 9

- (Exam Topic 1)

A developer has a Debug method within a class, which is invoked hundreds of times.

What is the optimal functionality in the Developer Console to count the number of calls made to the method?

- A. The "Execution Log" Panel
- B. The "Execution Stack" Panel
- C. The "Executed Units" tab under the Execution Overview Panel
- D. The "Execution Tree" tab under the Stack Tree Panel

**Answer:** C

#### 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 10

- (Exam Topic 1)

UC Loans is a small company with a part time Salesforce administrator. UC Loans wants to create a Loan c record whenever an Opportunity is won. What is the optimal solution for UC Loans to accomplish this?

- A. Quick Action
- B. Apex Trigger
- C. Process Builder
- D. Workflow Rule

**Answer:** C

#### NEW QUESTION 13

- (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 17

- (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 18**

- (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 22**

- (Exam Topic 1)

During the order of execution of a Visualforce page GET request, what happens after this step? Evaluate constructors on controllers and extensions

- A. Evaluate constructors and expressions on custom components
- B. Create view state if <apex: form> exists
- C. Send the HTML response to the browser
- D. Evaluate expressions, action attributes, and method calls

**Answer:** A

**NEW QUESTION 25**

- (Exam Topic 1)

During the Visualforce Page execution, what step follows immediately after "Evaluate constructors on controller and extensions"?

- A. Create the view state
- B. Evaluate constructors, extensions, and expression on attribute definitions on any custom components present
- C. Evaluate expressions, <apex:page> attribute actions, and other method calls (getters/setters) on main page
- D. Send HTML to Browser

**Answer:** B

**NEW QUESTION 29**

- (Exam Topic 1)

Line 1 public class AttributeTypes Line 2 { Line 3 private final String[] arrayItems; Line 4 Line 5  
@AuraEnabled Line 6 public List<String> getStringArray() { Line 7 Strings+ arrayItems = new String\*+, 'red', 'green', 'blue' -; Line 8 return arrayItems; Line 9 } Line  
10 } Consider the Apex controller above that is called from a Lightning Aura Component. What is wrong with it?

- A. Line 1: class must be global
- B. Lines 1 and 6: class and method must be global
- C. Line 6: method must be static
- D. Line 8: method must first serialize the list to JSON before returning

**Answer:** C

**NEW QUESTION 34**

- (Exam Topic 1)

Which of the following variables are not transmitted in the view state? (Choose two.)

- A. Private
- B. Transient
- C. Public
- D. Static

**Answer:** BD

**NEW QUESTION 35**

- (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 36**

- (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 40**

- (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 44**

- (Exam Topic 1)

Which API can b/e used to execute unit tests? (Choose three.)

- A. Streaming AP
- B. Test API
- C. Tooling API
- D. SOAP API
- E. Metadata API

**Answer: CDE****NEW QUESTION 47**

- (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 49

- (Exam Topic 1)

A developer receives a LimitException: Too many query rows: 50001 error when running code.

What debugging approach using the Developer Console provides the fastest and most accurate mechanism to identify a specific component that may be returning an unexpected number of rows?

- A. Count the number of Row Limit warning messages in the Debug Logs
- B. Add `System.debug(System.getQueryRows())` to the code to track SOQL usage
- C. Filter the Debug Log on `SOQL_EXECUTE_END` statements to track the results of each SOQL Query
- D. Use the Execution Overview to see the number of rows returned by each Executed Unit

**Answer: C**

#### NEW QUESTION 51

- (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 52

- (Exam Topic 1)

What is the best practice to initialize a Visualforce page in a test class?

- A. Use `Test.setCurrentpage, MyTestPage;`
- B. Use `Test.currentpage, getParameter, put (MyTestPage);`
- C. Use `Test, setCurrentPage(Page.MyTestPage);`
- D. Use `controller, currentPage, setPage (MyTestPage)`

**Answer: C**

#### NEW QUESTION 57

- (Exam Topic 1)

A Lightning Component functions in preview mode and needs to be used inside a Lightning App Builder page, but it is not available. What change should be applied to the component?

- A. Refresh the sandbox and upgrade it to the latest API version.
- B. Delete the component, metadata, and Apex controller and recreate them.
- C. Expose it in the markup using the implements and access attributes.
- D. Look for errors in the logic in the JavaScript controller.

**Answer: C**

#### NEW QUESTION 59

- (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 63

- (Exam Topic 1)

A developer needs to create a service that will process an email sent to it and create an account and contact using the contents of the email as data for the records.

How might a developer accomplish this requirement?

- A. Use the Apex Inbound Email Handler
- B. Use the Fuel API with Email Data Extensions

- C. Use Heroku Data Clips to Process Email
- D. Use Auto-launched Flow and Process Builder

**Answer:** A

#### NEW QUESTION 68

- (Exam Topic 1)

A company's support process dictates that any time a Case is closed with a Status of 'Could not fix,' an Engineering Review custom object record should be created and populated with information from the Case, the Contact, and any of the Products associated with the Case. What is the correct way to automate this using an Apex trigger?

- A. An after upsert trigger that creates the Engineering Review record and inserts it
- B. A before update trigger that creates the Engineering Review record and inserts it
- C. An after update trigger that creates the Engineering Review record and inserts it
- D. A before update trigger that creates the Engineering Review record and inserts it

**Answer:** C

#### NEW QUESTION 70

- (Exam Topic 1)

Which technique can run logic when an Aura Component is loaded?

- A. Use an aura:handler 'init' event to call a function.
- B. Use the connectedCallback() method.
- C. Use the standard doInit function in the controller.
- D. Call \$
- E. enqueueAction passing in the method to call.

**Answer:** A

#### NEW QUESTION 73

- (Exam Topic 1)

How would you test a web service?

- A. Use the @future annotation on the method
- B. Call the WebService interface
- C. Web Services do not need to be tested
- D. Create a class that implements the WebServiceMock interface

**Answer:** D

#### NEW QUESTION 78

- (Exam Topic 1)

The test method above calls an @future method that increments the Number\_of\_Times\_Viewed\_\_c value. The assertion is failing because the Number\_of\_Times\_Viewed\_\_c equals 0. What is the optimal way to fix this?

- A. Change the initialization to acct.Number\_Of\_Times\_Viewed\_\_c = 1.
- B. Change the assertion to System.assertEquals(0, acctAfter.Number\_Of\_Times\_Viewed\_\_c).
- C. Add Test.startTest() before and Test.stopTest() after AuditUtil.incrementViewed.
- D. Add Test.startTest() before and Test.stopTest() after insert acct

**Answer:** A

#### NEW QUESTION 79

- (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 82

- (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 84**

- (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 87**

- (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 89**

- (Exam Topic 1)

What is the transaction limit for the number of records per DML statement?

- A. 5,000
- B. 20,000
- C. 50,000
- D. 10,000
- E. There is no limit

**Answer:** D

**NEW QUESTION 91**

- (Exam Topic 1)

Which of the following about Dynamic Apex is incorrect?

- A. You can retrieve the sObject type from an Id by calling .getSObjectTypeQ
- B. getDescribe() can get you a variety of info on a particular object/field
- C. Schema.getGlobalDescribeQ gives you a map of all sObject
- D. In dynamic SOQL, you can use bind variables and bind variable fields

**Answer:** D

**Explanation:**

While you can use simple bind variables in dynamic SOQL, you cannot use bind variable fields

:myVariable.field1\_\_c)

Use escapeSingleQuotes to prevent SOQL injection

**NEW QUESTION 92**

- (Exam Topic 1)

A developer has created a solution using the SOAP API for authenticating Communities users. What is needed when issuing the login() Call? (Choose two.)

- A. Organization Id
- B. Session Id
- C. Username and Password
- D. Security Token

**Answer:** AC

**NEW QUESTION 96**

- (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 97**

- (Exam Topic 1)

Part of a custom Lightning Component displays the total number of Opportunities in the org, which is in the millions. The Lightning Component uses an Apex

Controller to get the data it needs. What is the optimal way for a developer to get the total number of Opportunities for the Lightning Component?

- A. SUM() SOQL aggregate query on the Opportunity object
- B. SOQL for loop that counts the number of Opportunities records
- C. COUNT() SOQL aggregate query on the Opportunity object
- D. Apex Batch job that counts the number of Opportunity records

**Answer:** C

#### NEW QUESTION 101

- (Exam Topic 1)

Code must have X% overall code coverage.

- A. X= 100
- B. X = 75
- C. X = 65
- D. X = 50

**Answer:** B

#### NEW QUESTION 103

- (Exam Topic 1)

Global with sharing class MyRemoter { public String accountName { get; set; } public static Account account { get; set; } public AccountRemoter() {} @RemoteAction global static Account getAccount (String acccountName) { account = [SELECT Id, Name, NumberOfEmployees FROM Account WHERE Name = :accountName]; return account; } } Consider the Apex class above that defines a RemoteAction used on a Visualforce search page. Which code snippet will assert that the remote action returned the correct Account?

- A. MyRemoter remote = new MyRemoter(); Account a = remote.getAccount ({'TestAccount'}); System.assertEquals, 'TestAcccunt', a.Name -;
- B. Account a = MyRemoter.getAccount ('TestAccount'); System.assertEquals{ 'TestAccount', a.Name };
- C. MyRemoter remote = new MyRemoter('TestAccount');Account a = remote.getAccount {} ;System.assertEquals(, "TestAccount", a.Name -;
- D. Account a = controller.getAccount('TestAccount'); System.assertEquals(, 'TestAccount', a.Name } ;

**Answer:** B

#### NEW QUESTION 108

- (Exam Topic 1)

A company processes Orders within their Salesforce instance. When an Order's status changes to 'Paid' it must notify the company's order management system (OMS). The OMS exposes SOAP web service endpoints to listen for when to retrieve the data from Salesforce. What is the optimal method to implement this?

- A. Create an Apex trigger and make a callout to the OMS from the trigger.
- B. Generate the Partner WSDL and use it to make a callout to the OMS.
- C. Create an Outbound Message that contains the session ID and send it to the OMS.
- D. Generate the Enterprise WSDL and use it to make a callout to the OMS.

**Answer:** D

#### NEW QUESTION 113

- (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 117

- (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 console.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 120

- (Exam Topic 1)

A Visualforce page contains an industry select list and displays a table of Accounts that have a matching value in their Industry field.

```
<apex:selectList value="{!selectedIndustry}">
    <apex:selectOptions values="{!industries}"/>
</apex:selectList>
```

When a user changes the value in the industry select list, the table of Accounts should be automatically updated to show the Accounts associated with the selected industry.

What is the optimal way to implement this?

- A. Add an <apex: actionFunction> within the <apex : selectOptions>.
- B. Add an <apex: actionFunction> within the <apex: select List >.
- C. Add an <apex: actionSupport> within the <apex:selectList>.
- D. Add an <apex: actionSupport> within the <apex: selectOptions>.

**Answer:** B

#### NEW QUESTION 121

- (Exam Topic 1)

This sales team needs a custom Visualforce page to enter sales orders. When a product is selected on the Visualforce page, a web service is invoked to determine if the product is in stock, and the result is displayed on the page.

How can a developer write this page to display the result of the web service and ensure governor limits for concurrent usage are not exceeded?

- A. Use Continuation that is invoked when a Submit button is clicked.
- B. Use visualforce Remoting to handle the web service callout.
- C. Use the Salesforce Metadata API in the web service callout.
- D. Use an Apex trigger with callout=true annotation.

**Answer:** A

#### NEW QUESTION 124

- (Exam Topic 1)

When testing batch classes, what must a developer do? (Choose two.)

- A. Use seeAllData=true
- B. Encapsulate code in Test.startTestQ and Test.stopTestQ
- C. Call the class\* "execute" method
- D. Limit the amount of records you test to < 200

**Answer:** BD

#### Explanation:

If you use "seeAllData=true," you are a bad person

#### NEW QUESTION 129

- (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 131

- (Exam Topic 1)

A developer wants to call an Apex Server-side Controller from a Lightning Aura Component. What are two limitations to the data being returned by the Controller? Choose 2 answers

- A. A Lists of Custom Apex Classes cannot be returned by Apex Controllers called by Lightning Aura Components.
- B. Basic data types are supported, but defaults, such as maximum size for a number, are defined by the objects that they map to.
- C. A custom Apex Class can be returned, but only the values of public instance properties and methodsannotated with @AuraEnabled are serialized and returned.
- D. Only Basic data types and sObjects are supported as return types for Apex Controllers called by Lightning Aura Components.

**Answer:** BC

#### NEW QUESTION 134

- (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 139

- (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 141

- (Exam Topic 1)

A developer wants to write a generic Apex method that will compare the Salesforce Name filed between any two object records, for example to compare the Name field of an Account and an Opportunity; or the name of an Account and a Contact.

How should the developer do this?

- A. Use a String.replace( ) method to parse the contents of each Name field.
- B. Invoke a Schema.describe() function to compare the values of each Name field.
- C. Cast each object into an sObject and use sObject.get(Name') to compare the Name fields.
- D. Use the salesforce metadata API to extract the value of each object and compare the name fields

**Answer:** C

#### NEW QUESTION 142

- (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 onContact 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)

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 145

- (Exam Topic 1)

What level can a hierarchy custom setting be defined for? (Choose three.)

- A. Users
- B. Groups
- C. Profiles
- D. Roles
- E. Organization

**Answer:** ACE

#### NEW QUESTION 146

- (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 151

- (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 156

- (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 157

- (Exam Topic 1)

Universal Containers needs to integrate with a Heroku service that resizes product images submitted by users. What are two alternatives to implement the integration and protect against malicious calls to Heroku app's endpoint? Choose 2 answers

- A. Create a trigger that uses an `@future` Apex HTTP callout passing JSON serialized data and some form of pre-shared secret key
- B. so that the Heroku app can authenticate requests and store the resized images in Salesforce.
- C. Create a trigger that uses an `@future` Apex HTTP callout passing JSON serialized data; therefore the Heroku app can automatically reply back to the callout with the resized images in Salesforce.
- D. Create a Workflow Rule with an Outbound Message and select Send Session ID so that the Heroku app can use it to send the resized images back to Salesforce.
- E. Create a Workflow Rule with an Outbound Message allowing the Heroku app to automatically store the resized images in Salesforce.

**Answer:** CD

#### NEW QUESTION 161

- (Exam Topic 1)

How should a developer assert that a trigger with an asynchronous process has successfully run?

- A. Create test data in the test class, use `System.runAs()` to invoke the trigger, then perform assertions.
- B. Insert records into Salesforce, use `seeAllData=true`, then perform assertions.
- C. Create all test data, use `@future` in the test class, then perform assertions.
- D. Create all test data in the test class, invoke `Test.startTest()` and `Test.stopTest()` and then perform assertions.

**Answer:** D

#### NEW QUESTION 163

- (Exam Topic 1)

A company wants to create a dynamic survey that navigates users through a different series of questions based on their previous responses. What is the recommended solution to meet this requirement?

- A. Dynamic Record Choice
- B. Lightning Process Builder
- C. Visualforce and Apex
- D. Custom Lightning Application

**Answer:** A

#### NEW QUESTION 165

- (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 `MassEmailMessage()` with an Apex Trigger.
- C. Use `SingleEmailMessage()` with an Apex Trigger.
- D. Use an Email Alert with Process Builder.

**Answer:** D

#### NEW QUESTION 169

- (Exam Topic 1)

How can Apex be used with Visual Workflow?

- A. To set the version of a Flow being run
- B. To start a Flow automatically
- C. To add custom styling to a Flow
- D. To control access to a Flow

**Answer:** B

#### NEW QUESTION 170

- (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 172

- (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 176

- (Exam Topic 1)

Which two objects can be inserted in the same transaction? (Choose two.)

- A. Opportunity and User
- B. Account and AccountShare
- C. Case and CaseComment
- D. Account and Group

**Answer:** BC

#### NEW QUESTION 180

- (Exam Topic 1)

What tool in the Developer Console contains information on SOQL query Cardinality?

- A. Checkpoints tab
- B. Query Editor
- C. Query Plan Tool
- D. Log Inspector
- E. View State Tab

**Answer:** D

#### NEW QUESTION 181

- (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 185**

- (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 186**

- (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 189**

- (Exam Topic 1)

A company wants to incorporate a third-party web service to set the Address fields when an Account is inserted, if they have not already been set. What is the optimal way to achieve this?

- A. Create a Process, call an Apex `@InvocableMethod` from it, and make the callout from that Apex method.
- B. Create an after insert trigger, call an `@future(callout=true)` method from it, and make the callout from that Apex method.
- C. Create a Process, call an Apex `@future(callout=true)` method from it, and make the callout from that Apex method.
- D. Create an after insert trigger, call an Apex `@InvocableMethod` method from it, and make the callout from that Apex method

**Answer:** B

**NEW QUESTION 190**

- (Exam Topic 1)

A company uses Opportunity to track sales to their customers and their org has millions of Opportunities. They want to begin 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.Schedulable class.
- C. Use `Database.executeBatch()` to invoke a Queueable class.
- D. Use `Database.executeBatch()` to invoke a Database.Batchable class.

**Answer:** D

**NEW QUESTION 193**

- (Exam Topic 1)

What is the transaction limit for the number of records for SOQL queries?

- A. 5,000
- B. 20,000
- C. 50,000
- D. 10,000
- E. There is no limit

**Answer:** C

**NEW QUESTION 195**

- (Exam Topic 1)

What is the optimal syntax for adding a link to a case in a Visualforce page? (Choose two.)

- A. `<apex:outputLink value="{!$URLFOR($Action.Case.Open, case)}" target="blank"> {!case.Name}</apex:outputLink>`
- B. `<apex:outputLink value="{!case.Id}" target="blank"> {!case.Name}</ apex:outputLink>`
- C. `<apex:outputLink value="{!URLFOR($Action.Case.View,case.Id)}" target="blank">{!case.Name}</apex:outputLink>`
- D. `<apex:outputLink value="{!viewCase(case.Id)}" target="_blank">{!case.Name} </apex:outputLink>`

**Answer:** BC

**NEW QUESTION 199**

- (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>Pieldset</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>Pieldset</sfdc:object>

</sfdc:objects>

</design: component>
```

Option C

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

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

<sfdc:objects>

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

</sfdc:objects>

</design: component>
```

Option D

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

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

<sfdc: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 204**  
- (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 206

- (Exam Topic 1)

What is a consideration when testing batch Apex? (Choose two.)

- A. Test methods must execute the batch with a scope size of less than 200 records
- B. Test methods must call the batch execute() method once
- C. Test methods must use the @isTest (SeeAllData=true) annotation
- D. Test methods must run the batch between Test.startTest() and Test.stopTest()

**Answer:** AD

#### NEW QUESTION 209

- (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 212

- (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 215

- (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 220

- (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 225

- (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 228

- (Exam Topic 1)

A Visualforce page loads slowly due to the large amount of data it displays. Which strategy can a developer use to improve the performance?

- A. use lazy loading to load the data on demand, instead of in the controller's constructor.
- B. use an <apex:actionPoller> in the page to load all of the data asynchronously.
- C. use Javascript to move data processing to the browser instead of the controller.
- D. Use the transient keyword for the List variables used in the custom controller.

**Answer:** A

#### NEW QUESTION 229

- (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 232

- (Exam Topic 1)

A company has a native iOS app for placing orders that needs to connect to Salesforce to retrieve consolidated information from many different objects in a JSON format. Which is the optimal method to implement this in Salesforce?

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

**Answer:** D

#### NEW QUESTION 236

- (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 240

- (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 245

- (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 246

- (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 250

- (Exam Topic 1)

A developer is trying to decide between creating a Visualforce component or a Lightning component for a custom screen. Which functionality consideration impacts the final decision?

- A. Does the screen need to be accessible from the Lightning Experience UI?
- B. Will the screen make use of a JavaScript framework?
- C. Does the screen need to be rendered as a PDF?
- D. Will the screen be accessed via a mobile app?

**Answer:** A

#### NEW QUESTION 251

- (Exam Topic 1)

Universal Containers wants to use a Customer Community with Customer Community Plus licenses so their customers can track how many of containers they are renting and when they are due back. Many of their customers are global companies with complex Account hierarchies, representing various departments within the same organization. One of the requirements is that certain community users within the same Account hierarchy be able to see several departments' containers, based on a junction object that relates the Contact to the various Account records that represent the departments. Which solution solves these requirements?

- A. A Custom Report Type and a report Lightning Component on the Community Home Page
- B. An Apex Trigger that creates Apex Managed Sharing records based on the junction object's relationships

- C. A Custom List View on the junction object with filters that will show the proper records based on owner
- D. A Visualforce page that uses a Custom Controller that specifies without sharing to expose the records

**Answer:** A

#### NEW QUESTION 255

- (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 259

- (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 263

- (Exam Topic 1)

What are the ways a developer can create test data of Contacts? (Choose two.)

- A. Test.createTestData ()
- B. myDataFactory.createContacts(10)
- C. Test.loadData(Contact.sObjectType, 'staticResource')
- D. Test.loadTestRecords(Contact.sObjectType, 'staticResource')

**Answer:** BC

#### NEW QUESTION 268

- (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 271

- (Exam Topic 1)

What is the transaction limit for SOQL queries?

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

**Answer:** D

#### NEW QUESTION 276

- (Exam Topic 1)

A developer is trying to access org data from within a test class. Which sObject type requires the test class to have the (seeAllData=true) annotation?

- A. RecordType
- B. Profile
- C. User
- D. Report

**Answer:** D

**NEW QUESTION 280**

- (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 284**

- (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 289**

- (Exam Topic 1)

A developer notices the execution of all the test methods in a class takes a long time to run, due to the initial setup of ail the test data that is needed to perform the tests.

What should the developer do to speed up test execution?

- A. Define a method that creates test data and annotate with @testSetup.
- B. Define a method that creates test data and annotate with @createData
- C. Reduce the amount of test methods in the class.
- D. Ensure proper usage of test data factory In all test methods.

**Answer:** A

**NEW QUESTION 294**

- (Exam Topic 1)

A company has a custom object, Sales Demo Request, that has a lookup to an Opportunity. It is required that a Sales Demo Request record be created when an Opportunity's Probability is greater than 50%. What is the optimal way to automate this?

- A. Build a Flow on Opportunity.
- B. Create a Workflow on Opportunity.
- C. Use an Apex Trigger on Opportunity.
- D. Build a Process on Opportunity

**Answer:** C

**NEW QUESTION 296**

- (Exam Topic 1)

How can the DISTANCE and GEOLOCATION functions be used i|n SOQL queries? (Choose two.)

- A. To filter results based on distance from a latitude and longitude
- B. To get the distance results from a latitude and longitude
- C. To order results by distance from a latitude or longitude
- D. To group results in distance ranges from a latitude and longitude

**Answer:** AC

**NEW QUESTION 299**

- (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 52)

- A. <request> <sl>my first string</sl> <il>123</il> <32>my second string</32> <bl>>false</bl> </request>
- B. <request> <sl>"my first string"</sl> <il>123</il> <sZ>!,my second string"</32> <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 304**

- (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 309

- (Exam Topic 2)

When calling a RESTful web service, a developer receives a JSON payload that has a data hierarchy that is nested three levels deep. How can the developer describe the external data?

- A. Deserialize the data untyped and then process it.
- B. Declare a class with three levels and deserialize the JSON typed with this class.
- C. Use the ANT migration tool, the custom metadata API, or the Dataloader.
- D. Use middleware to flatten the JSON and consume it as a new custom object.

**Answer:** A

#### NEW QUESTION 310

- (Exam Topic 2)

A developer is developing a reusable Aura Component that will reside on an sObject Lightning Page with the following HTML snippet:

```
<aura:component implements="force:hasRecordId,flexipage:availableForAllPageTypesM">
<div>Hello!</div>
</aura:component>
```

How can the component's Controller get the context of the Lightning Page that the sObject is on without requiring additional test coverage?

- A. Set the sObject type as a component attribute.
- B. Add force:hasObjectName to the implements.
- C. Use the getSObjectTypeQ method in an Apex class.
- D. Create a design attribute and configure via App builder.

**Answer:** B

#### NEW QUESTION 313

- (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 316

- (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 319

- (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 321

- (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 325

- (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 326

- (Exam Topic 3)

A company has a custom object. Request\_\_c. that has a field, Completed\_\_c. and a Lookup to Opportunity, Opportunity\_\_c.

Which SOQL query will get a unique list of all of the Opportunity records that have a Completed Request?

- A) `SELECT Opportunity__c FROM Request__c WHERE Completed__c = true`
- B) `SELECT Id FROM Opportunity WHERE Id IN (SELECT Id FROM Request__c WHERE Completed = t`
- C) `SELECT Id FROM Opportunity WHERE Id IN (SELECT Opportunity__c FROM Request__c WHERE Completed__c = tr`
- D) `SELECT Opportunity__c FROM Request__c WHERE Id IN (SELECT Id FROM Request__c Where Completed__c =`

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

**Answer:** C

#### NEW QUESTION 330

- (Exam Topic 3)

A developer implemented a custom data table in a Lightning web component with filter functionality. However, users are submitted support tickets about long load times when the filters are changed. The component uses an Apex method that is called to query for records the selected filters.

What should the developer do to improve performance of the component?

- A. Use `setStorable()` in the Apex method to store the response in the client-side cache
- B. Return all records into a list when the component is created and filter the array in JavaScript
- C. Use SOSL to Query the records on filter change.
- D. Use a selective SOQL query with a custom index.

**Answer:** A

#### NEW QUESTION 331

- (Exam Topic 3)

In a previous data audit, It was determined that close to 5 million Opportunity records are stored within the Salesforce environment. The organization-wide default for the object are set to Public Read-Only and most opportunities are related to an external case.

The method is called from a Lightning web component. Some end users do not provide a cased value and experience low performance while running the query.

Which two techniques should the developer implement to avoid low performance queries from executing? Choose 2 answers

- A. Implement a LIMIT clause within the SOQL query to restrict the result set.
- B. Ensure the user-provided input is not null before executing the SOQL query.
- C. Implement the with sharing keyword on the Apex class.
- D. Use SOSL instead of SOQL queries to perform text-based searches.

**Answer:** AD

#### NEW QUESTION 335

- (Exam Topic 3)

Universal Containers requested the addition of a third-party Map widget to an existing Lightning web component.

Which two actions should the developer take to implement this requirement? Choose 2 answers

- A. Import the third-party JavaScript module directly Into the component.
- B. Use a content distribution network and Include `<script>` `<script>` tags In the component.

- C. Import loadscript from lightning platformResourceLoader.
- D. Upload the third-party JavaScript library as a static resource that Imports Into the component.

**Answer:** CD

#### NEW QUESTION 337

- (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 338

- (Exam Topic 3)

A developer wrote an Apex method that makes an HTTP callout to an external system to get specialized data when a button is clicked from a custom Lightning web component on the Account record page.

Recently, users have complained that it takes longer than desired for the data to appear on the page after clicking the button.

What should the developer use to troubleshoot this issue?

- A. Lightning Inspector
- B. Developer Console
- C. Salesforce CU
- D. Event Logs

**Answer:** A

#### NEW QUESTION 342

- (Exam Topic 3)

Ursa Major Solar has a custom object, serviceJob\_\_c, with an optional Lookup field to Account called Partner\_service\_Provider\_\_c.

The TotalJobs\_\_c field on Account tracks the total number of serviceJob\_\_c records to which a partner service provider Account is related.

What should be done to ensure that the TotalJobs\_\_c field is kept up to date?

- A. Build a Process Builder with an invocable action.
- B. Create an Apex trigger on serviceJob\_\_c
- C. Implement a workflow cross-object field update.
- D. Change TotalJobs\_\_c to a roll-up summary field.

**Answer:** B

#### NEW QUESTION 344

- (Exam Topic 3)

Customer billing data must be added and updated into Salesforce from a remote system on a weekly basis. Additionally, customer activity information must be extracted from Salesforce and put it into an on-premises data warehouse on a weekly basis.

Which approach should be used to import data into Salesforce and export data out of Salesforce, taking into consideration that these imports and exports can interfere with end-user operations during business hours and involve large amounts of data?

- A. Call-in directly from each remote system to Salesforce APIs to push and pull the data
- B. Salesforce Connect to push data to and pull data from the remote systems
- C. Batch Apex, where Salesforce pushes data to and pulls data from the remote systems
- D. Replication via third-party ETL to push data into Salesforce and pull data out in batches

**Answer:** B

#### NEW QUESTION 347

- (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 351

- (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 353

- (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. Create 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 358

- (Exam Topic 3)

What is a benefit of using a WSDL with Apex?

- A. Allows for web services to be tested and achieve code coverage
- B. Allows for classes to be imported into Salesforce
- C. Reduces the number of callouts to third-party web services
- D. Enables the user to not pass a Session ID where it is not necessary

**Answer:** B

#### NEW QUESTION 361

- (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 366

- (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 Test.startTest() 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 Test.startTest() 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 368

- (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 372

- (Exam Topic 3)

Universal Containers allows customers to log into a Salesforce Community and update their orders via a custom Visualforce page. Universal Containers' sales representatives can edit the orders on the same Visualforce page.

What should a developer use in an Apex test class to test that record sharing is enforced on the Visualforce page?

- A. Use System.profileId() to test as an administrator and a community user,
- B. Use System.profileId() to test as a sales rep and a community user.
- C. Use System.runAs() to test as a sales rep and a community user.
- D. Use System.runAs() to test as an administrator and a community user.

**Answer: C**

#### NEW QUESTION 376

- (Exam Topic 3)

A software company uses a custom object Defect\_\_c, to track defects in their software, Defect\_\_c has organisation-wide defaults set to private Each Defect\_\_c has a related list of Reviewer\_\_c records, each with a lookup field to User that is used to indicate that the User will review the Defect\_\_c.

What should be used to give the User on the Reviewer\_\_c record read only access to the Defect\_\_c record on the Reviewer\_\_c record?

- A. View All on Defect\_\_c
- B. Apex managed sharing

- C. lightning web component
- D. Criteria based sharing

**Answer:** A

#### NEW QUESTION 378

- (Exam Topic 3)

A Lightning web component exists in the system and displays information about the record in context as a modal. Salesforce administrators need to use this component within the Lightning App Builder.

Which two settings should the developer configure within the xml resource file? Choose 2 answers

- A. Set the IsExposed attribute to True.
- B. Set the IsVisible attribute to True.
- C. Specify the target to be lightning\_\_RecordPage.
- D. Specify the target to be lightning\_\_AppPage.

**Answer:** AC

#### NEW QUESTION 379

- (Exam Topic 3)

A developer creates a Lightning web component to allow a Contact to be quickly entered- However, error messages are not displayed.

```
<template>
  <lightning-record-edit-form
    object-api-name="Contact">
    <lightning-input-field field-name="FirstName"></lightning-input-field>
    <lightning-input-field field-name="LastName"></lightning-input-field>
    <lightning-input-field field-name="Email"></lightning-input-field>
    <lightning-button type="submit"
      name="submit"
      label="Create Contact">
    </lightning-button>
  </lightning-record-edit-form>
</template>
```

Which component should the developer add to the form to display error messages?

- A. apex:messages
- B. aura:messages
- C. lightning-messages
- D. lightning-error

**Answer:** C

#### NEW QUESTION 382

- (Exam Topic 3)

A developer used custom settings to store some configuration data that changes occasionally. However, tests are now failing in some of the sandboxes that were recently refreshed.

What should be done to eliminate this issue going forward?

- A. Set the setting type on the custom setting to List.
- B. Replace custom settings with custom metadata.
- C. Set the setting type on the custom setting to Hierarchy.
- D. Replace custom settings with static resources.

**Answer:** B

#### NEW QUESTION 385

- (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 showContactInfo to "false".
- B. Move the contents of <c: contactInfo into the component.
- C. Change the type of contactInfo to "Map".
- D. Add a change event handler for showContactInfo

**Answer: A**

**NEW QUESTION 386**

- (Exam Topic 3)

A company accepts orders for customers in their enterprise resource planning (ERP) order\_\_c records with a lookup field to Account. The Account object has an External ID field, ERP\_Customer\_ID\_\_c.

What should the integration use to create new Order\_\_c records that will automatically be related to the correct Account?

- A. Upsert on the Account and specify the ERP\_Customer\_ID\_\_c.
- B. Merge on the Order\_\_c object and specify the ERP\_Customer\_ID\_\_c.
- C. Insert on the Order\_\_c object followed by an update on the Order\_\_c object.
- D. Upsert on the Order\_\_c object and specify the ERP\_Customer\_ID\_\_c.

**Answer: C**

**NEW QUESTION 388**

- (Exam Topic 3)

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

What can the developer use to perform the validations, and allow multiple error messages to be displayed simultaneously?

- A. Apex REST
- B. External JavaScript Library
- C. Apex Trigger
- D. Process Builder

**Answer: B**

**NEW QUESTION 392**

- (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 397**

- (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 402

- (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 404

- (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 406

- (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 407

- (Exam Topic 3)

A developer is asked to find a way to store secret data with an ability to specify which profiles and users can access which secrets.

What should be used to store this data?

- A. Static resources
- B. Custom settings
- C. Custom metadata
- D. System.Cookie class

**Answer:** B

#### NEW QUESTION 412

- (Exam Topic 3)

The Salesforce instance at Universal Containers currently integrates with a third-party company to validate mailing addresses via REST services. The third-party address verification system recently changed endpoint URLs for all their set vices from <https://th-addreaa-service.3pc.com> to <https://plc1-mailsarvice.3pc.com>. Everything else remained the same. The developer updated code to reflect this endpoint change, but the mailing address validation service stopped working after the change.

What else should be done to complete this web service end point change?

- A. Test the callout property using HttpCalloutMock.
- B. Add web service IP Addresses to Trusted IP Ranges m the Network Access security controls settings.
- C. Use a Custom Setting with the new endpoint Instead of hard coding the URL.
- D. Create a new Remote Site for the new endpoint URL.

**Answer:** D

#### NEW QUESTION 413

- (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 415

- (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 m 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 418

- (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 s 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 422

- (Exam Topic 3)

Refer to the markup below:

A Lightning web component displays the Account name and two custom fields out of 275 that exist on the object. The developer receives complaints that the component performs slowly.

What can the developer do to improve the performance?

A)

Replace `layout-type="Full"` with `layout-type="Partial"`.

B)

Add `density="compact"` to the component.

C)

Replace `layout-type="Full"` with `fields={fields}`.

D)

Add `cache="true"` to the component.

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

**Answer:** C

#### NEW QUESTION 425

- (Exam Topic 3)

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

How should the developer access the data that must be displayed?

- A. Execute a SOQL query for Amount, Probability, Stage, and Close Date on the OpportunityHistory object.
- B. Create custom a custom date field on Opportunity for each field to track the previous date and execute a SOQL query for date fields.
- C. Subscribe to the Opportunity Change Data Capture event in the Lightning component.
- D. Subscribe to the OpportunityHistory Change Data Capture event in the Lightning component.

**Answer:** A

#### NEW QUESTION 427

- (Exam Topic 3)

When the sales team views an individual customer record, they need to see recent interactions for the customer. These interactions can be sales orders, phone calls, or Cases. The date range for recent interactions will be different for every customer record type.

How can this be accomplished?

- A. Use Lightning Flow to read the customer's record type, and then do a dynamic query for recent interactions and display on the View page.
- B. Use a Lightning component to Query and display interactions based on record type that is passed in using a design:attribute from the Lightning page.
- C. Use batch Apex to query for the most recent interactions when the customer view screen is loaded.
- D. Use a dynamic form on the customer record page to display recent interactions.

**Answer:** A

#### NEW QUESTION 432

- (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 434

- (Exam Topic 3)

A developer created an Apex class that makes outbound RESTful callout. The following was created to send a fake response in Apex test methods.

```
@isTest
public class TestHttpCalloutMock implements HttpCalloutMock {
    public HTTPResponse respond (HTTPRequest request) {
        HTTPResponse response = new HTTPResponse();
        response.setHeader('Content-Type', 'application/json');
        response.setBody('{"colors": ["red", "blue", "yellow", "green", "pink"]}');
        response.setStatusCode(200);
        return response;
    }
}
```

Which method can be called to return this fake response in the test methods?

- A. TestsetMock
- B. TestcreateStub
- C. testSetup
- D. Test.setTestData

**Answer: A**

#### NEW QUESTION 436

- (Exam Topic 3)

A developer is creating a Lightning web component to display a calendar. The component will be used in multiple countries. In some locales, the first day of the week is a Monday, or a Saturday, or a Sunday.

What should the developer do to ensure the calendar displays accurately for users in every locale?

- A. Use a custom metadata type to store key/value pairs.
- B. Query the FirstDayOfWeek field from the Locale for the current user.
- C. Use UserInfo
- D. getLocale () in the component.
- E. Import the firstDayOfWeek property in the component.

**Answer: C**

#### NEW QUESTION 439

- (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 440

- (Exam Topic 3)

Given the following containment hierarchy:

```
<!-- myParentComponent.html -->
<template>
    <c-my-child-component></c-my-child-component>
</template>
```

What is the correct way to communicate the new value of a property named "passthrough" to my-parent component if the property is defined within my-child-component?

- A)
 

```
let cEvent = new CustomEvent('passthrough', { detail: 'this.passthrough' });
this.dispatchEvent(cEvent);
```
- B)
 

```
let cEvent = new CustomEvent('passthrough', { detail: this.passthrough });
this.dispatchEvent(cEvent);
```
- C)
 

```
let cEvent = new CustomEvent($passthrough);
this.dispatchEvent(cEvent);
```
- D)
 

```
let cEvent = new CustomEvent('passthrough');
this.dispatchEvent(cEvent);
```

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

**Answer:** B

#### NEW QUESTION 443

- (Exam Topic 3)

A developer is creating a Lightning web component that can be added to a Lightning App Page and displayed when the page is rendered in desktop and mobile phone format. To ensure a great mobile experience, the developer chooses to use the SLDS grid utility.

Which two Lightning web components should the developer implement to ensure the application is mobile-ready? Choose 2 answers

- A. <lightning-layout></lightning-layout>
- B. <lightning-tree-grid></lightning-tree-grid>
- C. <lightning-layout-item></lightning-layout-item>
- D. <lightning-tree></lightning-tree>

**Answer:** AC

#### NEW QUESTION 444

- (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 446

- (Exam Topic 3)

The use of the transient keyword in Visualforce Page Controllers helps with which common performance issue?

- A. Reduces View State
- B. Improves Query Performance
- C. Improves Page Transfers
- D. Reduces Load Times

**Answer:** A

#### NEW QUESTION 447

- (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 449

- (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 454

- (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 456

- (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 461

- (Exam Topic 3)

Universal Containers wants to use a Customer Community with Customer Community Plus licenses to allow their customers access to track how many containers they have rented and when they are due back. Universal Containers uses a Private sharing model for External users.

Many of their customers are multi-national corporations with complex Account hierarchies. Each account on the hierarchy represents a department within the same business.

One of the requirements is to allow certain community users within the same Account hierarchy to see several departments' containers, based on a custom junction object that relates the Contact to the various Account records that represent the departments.

Which solution solves these requirements?

- A. Lightning web component on the Community Home Page that uses Lightning Data Services.
- B. A custom list view on the junction object with filters that will show the proper records based on owner
- C. An Apex trigger that creates Apex managed sharing records based on the junction object's relationships
- D. A Visualforce page that uses a custom controller that specifies wither sharing to expose the records

**Answer:** C

#### NEW QUESTION 466

- (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 471

- (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 476

- (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 479

- (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 480

- (Exam Topic 3)

Which technique can run custom logic when a Lightning web component is loaded?

- A. Call SA.enqueueAction passing in the method to call.
- B. Use the connectedCallback () method.
- C. Use an aura:handler "init" event to call a function.
- D. Use the renderedCallback ( ) method.

**Answer:** B

#### NEW QUESTION 484

- (Exam Topic 3)

Lightning Aura Component

```
<aura:component controller="SimpleServerSideController">
    <aura:attribute name="firstName" type="String" default="world"/>
    <lightning:button label="Call server" onclick="{!c.echo}"/>
</aura:component>
```

#### Lightning Aura Controller

```
01 ({
02     "echo" : function(cmp) {
03         // create a one-time use instance of the serverEcho action
04         // in the server-side controller
05         var action = cmp.get("c.serverEcho");
06         action.setParams({ firstName : cmp.get("v.firstName") });
07
08         // Create a callback that is executed after
09         // the server-side action returns
10         action.setCallback(this, function(response) {
11             var state = response.getState();
12             if (state === "SUCCESS") {
13                 // Alert the user with the value returned
14                 // from the server
15                 alert("From server: " + response.getReturnValue());
16
17                 // You would typically fire an event here to trigger
18                 // client-side notification that the server-side
19                 // action is complete
20             }
21             else if (state === "INCOMPLETE") {
22                 // do something
23             }
24             else if (state === "ERROR") {
25                 // A client-side action could cause multiple events,
26                 // which could trigger other events and
27                 // other server-side action calls.
28                 // $A.enqueueAction adds the server-side action to the queue.
29                 $A.enqueueAction(action);
30             }
31         });
32     }
33 })
```

Given the code above, which two changes need to be made in the Apex Controller for the code to work' Choose 2 answers

- A. Change the method signature to be global static, not public static.
- B. Change the argument from JSONObject to String.
- C. Annotate the entire class as @AuraEnabled instead of just the single method.
- D. Remove line 06 from the Apex Controller and use firstName In the return.

**Answer:** BD

#### NEW QUESTION 487

- (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 492

- (Exam Topic 3)

Universal Containers needs to integrate with their own, existing, internal custom web application. The web application accepts JSON payloads, resizes product images, and sends the resized images back to Salesforce.

What should the developer use to implement this integration?

- A. A workflow rule with an outbound message that contains a session ID
- B. An Apex trigger that calls an @future method that allows callouts
- C. A platform event that makes a callout to the web application
- D. A flow that calls an @future method that allows callouts

**Answer:** C

#### NEW QUESTION 494

- (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 495

- (Exam Topic 3)

A developer is debugging an Apex-based order creation process that has a requirement to have three savepoints, SP1, SP2, and SP3 (created in order), before the final execution of the process.

During the final execution process, the developer has a routine to roll back to SP1 for a given condition. Once the condition is fixed, the code then calls a roll back to SP3 to continue with final execution. However, when the roll, back to SP3 is called, a runtime error occurs.

Why does the developer receive a runtime error?

- A. The developer should have called SP2 before calling SP3.
- B. SP3 became invalid when SP1 was rolled back.
- C. The developer has too many DML statements between the savepoints.
- D. The developer used too many savepoints in one trigger session.

**Answer:** B

#### NEW QUESTION 496

- (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 500

- (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 505

- (Exam Topic 3)

Consider the code above.

```
<apex:page standardController="Account">
  <apex:pageBlock title="Hello {!User.FirstName}!">
    You are displaying contacts from the {!account.name} account. Click a contact's name to view his or her
    details.
  </apex:pageBlock>
  <apex:pageBlock title="Contacts">
    <apex:form>
      <apex:dataTable value="{!account.Contacts}" var="contact" cellPadding="4" border="1">
        <apex:column>
          <apex:commandLink rerender="detail">
            {!contact.Name}
            <apex:param name="cid" value="{!contact.id}"/>
          </apex:commandLink>
        </apex:column>
      </apex:dataTable>
    </apex:form>
  </apex:pageBlock>

  <apex:outputPanel id="detail">
    <apex:detail subject="{!$CurrentPage.parameters.cid}" relatedList="false" title="false"/>
  </apex:outputPanel>
</apex:page>
```

When a user clicks on the Link of a Contact's name, what happens'

- A. The outputPanel refreshes, showing the Contacts details.
- B. A new page opens, showing the Contact's details.
- C. The page refreshes, showing the Contact's details.
- D. Nothing happens: the commandLink is missing an action attribute.

**Answer:** A

#### NEW QUESTION 507

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