

# Salesforce

## Exam Questions Platform-Developer-II

Platform Developer II



#### NEW QUESTION 1

- (Exam Topic 1)

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

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

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

**Answer:** AD

#### NEW QUESTION 2

- (Exam Topic 1)

When developing a Visualforce page that will be used by a global organization that does business in many languages and many currencies, which feature should be used? (Choose three.)

- A. Custom Labels
- B. convertCurrency()
- C. Global Labels
- D. Translation Workberic
- E. getLocalCurrency()

**Answer:** ABD

#### 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)

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

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

**Answer:** A

#### NEW QUESTION 6

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 7

- (Exam Topic 1)

A developer wrote a Visualforce page for Sales Reps to add products to an order. The page takes a URL query parameter, productFamily, which filters the product results. The test method for the filter behavior has an assertion failing due to an incorrect number of results.

Why could the test be failing? (Choose two.)

- A. The test does not call Test.startTest()
- B. The test does not create product data
- C. The test is not run by a System Administrator
- D. The test does not set the current page reference

**Answer: BD**

#### NEW QUESTION 8

- (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 9

- (Exam Topic 1)

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

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

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

**Answer: CD**

#### NEW QUESTION 10

- (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 10

- (Exam Topic 1)

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

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

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

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

**Answer: D**

### NEW QUESTION 13

- (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 15

- (Exam Topic 1)

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

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

**Answer:** C

### NEW QUESTION 17

- (Exam Topic 1)

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

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

**Answer:** B

### NEW QUESTION 21

- (Exam Topic 1)

A developer wants to create a Visualforce page that allows a user to search for a given account by Name. If the account is found, the account details should be populated on screen. If no account is found, an error message should be displayed to the user. How can this be accomplished? (Choose two.)

- A. Use the (apex: information) tag to display the error message
- B. Use the ApexPages.addMessage() method to add the error message
- C. Use the <apex:pageMessages> tag to display the error message
- D. Use the accountaddErrorQ method to add the error message

**Answer:** BC

### NEW QUESTION 23

- (Exam Topic 1)

```
1 Contact con = new Contact ( LastName =fSmith', Department = fAdminT)
2 insert con;
3 Contact insertedContact=[select Name from Contact where id=icon.Id];
4 Savepoint sp_admin = Database.setSavepoint();
5 con.Department = fHRf;
6 update con;
7 Database.rollback(sp_admin);
8 System.debug(Limits.getDmlStatements 0);
```

Given the following code, what value will be output in the logs by line #8?

- A. 5
- B. 3
- C. 4
- D. 2

**Answer:** C

### NEW QUESTION 26

- (Exam Topic 1)

How long is field history retained?

- A. 18 Months
- B. 12 Months
- C. 24 Months
- D. 6 Months
- E. 36 Months

**Answer:** A

#### NEW QUESTION 28

- (Exam Topic 1)

Which API can be 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 29

- (Exam Topic 1)

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

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

**Answer:** ADE

#### NEW QUESTION 32

- (Exam Topic 1)

Business rules require a Contact to always be created when a new Account is created. What can be used when developing a custom screen to ensure an Account is not created if the creation of the Contact fails?

- A. use the Database.Delete method if the Contact insertion fails.
- B. Disable validation rules on Contacts and set default values with a Trigger.
- C. use the Database.Insert method with allOrNone set to False.
- D. use setSavePoint() and rollback() with a try/catch block.

**Answer:** D

#### NEW QUESTION 36

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 41

- (Exam Topic 1)

Choose the correct definition for <apex:pageMessage>.

- A. Standard Salesforce formatting, throws a specific message on a page
- B. Standard Salesforce formatting, shows all errors that occur on page
- C. Can add more messages through the "ApexPages.addMessage" function
- D. A single message, without formatting, that can be associated with a specific component on the page
- E. No formatting; displays all errors on a page

**Answer:** A

#### NEW QUESTION 44

- (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 47

- (Exam Topic 1)

A developer needs to design a custom object that will be integrated into a back-end system.

What should the developer do to ensure good data quality and to ensure that data imports, integrations, and searches perform well? (Choose two.)

- A. Configure a custom field as unique
- B. Configure a custom field as indexed
- C. Configure a custom field as external ID
- D. Configure a custom field as Salesforce ID

**Answer:** AC

#### NEW QUESTION 51

- (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 52

- (Exam Topic 1)

A developer has built a multi-page wizard using a single Custom Controller to query and update data. Users are complaining that the pages are loading slowly. What will improve performance? (Choose three.)

- A. Reducing the view state
- B. Using actionRegion and rerender
- C. Turning off the standard stylesheet
- D. Setting the Apex Page attribute cache=true
- E. Using selective queries

**Answer:** ADE

#### NEW QUESTION 56

- (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 60

- (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 64

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 69

- (Exam Topic 1)

Universal Containers implements a private sharing model for the Convention\_Attendance\_\_c custom object. As part of a new quality assurance effort, the company created an Event\_Reviewer\_\_c user lookup field on the object. Management wants the event reviewer to automatically gain Read/write access to every record they are assigned to.

What is the best approach to ensure the assigned reviewer obtains Read/Write access to the record?



- A. Create an After Insert trigger on the Convention Attendee custom object, and use Apex Sharing Reasons and Apex Managed Sharing.
- B. Create a Before Insert trigger on the Convention Attendee custom object, and use Apex Sharing Reasons and Apex Managed Sharing.
- C. Create a criteria-based sharing rule on the Convention Attendee custom object to share the records the a group of Event Reviewers.
- D. Create criteria-based sharing rules on the Convention Attendee custom object to share the records with the Event Reviewers.

**Answer: B**

#### NEW QUESTION 70

- (Exam Topic 1)

What is a potential design issue with the following code?

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

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

**Answer: D**

#### NEW QUESTION 74

- (Exam Topic 1)

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

- \* 1. Before Triggers
  - \* 2. After Triggers
  - \* 3. Post commit logic such as sending email
  - \* 4. DML committed to the database
  - \* 5. Workflow rules
  - \* 6. Roll-up summary calculations
- In what order do the following operations execute?

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

**Answer: A**

#### NEW QUESTION 75

- (Exam Topic 1)

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

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

**Answer: C**

#### NEW QUESTION 79

- (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 80

- (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 84

- (Exam Topic 1)

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

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

**Answer:** E

#### Explanation:

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

#### NEW QUESTION 85

- (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 89

- (Exam Topic 1)

A developer sees test failures in the sandbox but not in production. No code or metadata changes have been actively made to either environment since the sandbox was created.

Which consideration should be checked to resolve the issue?

- A. Ensure the Apex Classes are on the same API version.
- B. Ensure Process Builder processes are inactive.
- C. Ensure the sandbox is on the same release as production.
- D. Ensure Workflow Rules are inactive.

**Answer:** C

#### NEW QUESTION 94

- (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 98

- (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 100**

- (Exam Topic 1)

Which two relationship queries use the proper syntax? Choose 2 answers

- A. SELECT Name, (SELECT LastName FROM Contacts\_\_\_\_r) FROM Account
- B. SELECT Name, (SELECT LastName FROM Contacts) FROM Account
- C. SELECT Id, Name, Account\_\_\_\_r.Name FROM Contact WHERE Account r.Industry = 'Media'
- D. SELECT Id, Name, Account.Name FROM Contact WHERE Account.Industry = 'Media'

**Answer:** BD

**NEW QUESTION 102**

- (Exam Topic 1)

A developer wants to use an Aura Component with a Custom Action. What should be considered in order to do this?

- A. A default value must be provided for each component attribute marked as required.
- B. The component must implement the force:lightningQuickActionButton interface.
- C. The component's JavaScript controller must handle a method on initialization.
- D. The class "slds-modal container" must be added to the top-level element of the component.

**Answer:** B

**NEW QUESTION 104**

- (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 106**

- (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 110**

- (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 112**

- (Exam Topic 1)

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

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

- A. REST API
- B. Dynamic Schema binding

- C. describeSObjects()
- D. SOSL queries

**Answer:** C

#### NEW QUESTION 114

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 118

- (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 123

- (Exam Topic 1)

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

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

**Answer:** AD

#### NEW QUESTION 128

- (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 132

- (Exam Topic 1)

The Metadata API .

- A. Is based on REST principles and is optimized for loading or deleting large sets of dat
- B. You can use it to query, queryAll, insert, update, upsert, or delete many records asynchronously by submitting batches
- C. Provides a powerful, convenient, and simple REST-based web services interface for interacting with Salesforc
- D. Its advantages include ease of integration and development, and it's an excellent choice of technology for use with mobile applications and web projects
- E. Is used to create, retrieve, update or delete records, such as accounts, leads, and custom objects, and allows you to maintain passwords, perform searches, and much more
- F. Is used to retrieve, deploy, create, update, or delete customizations for your or
- G. The most common use is to migrate changes from a sandbox or testing org to your production environment

**Answer:** D

#### NEW QUESTION 136

- (Exam Topic 1)

Which of the following annotations is the right way jto invoke a single apex method?

- A. @InvokableMethod()
- B. @InvokableAction()
- C. @InvokableApex()

**Answer:** A

#### NEW QUESTION 139

- (Exam Topic 1)

A customer has a single Visualforce page that allows each user to input up to 1500 sales forecasts and instantly view pivoted forecast calculations. Users are complaining that the page is loading slowly, and they are seeing error messages regarding heap and view state limits. What are three recommendations to optimize page performance? (Choose three.)

- A. Segregate calculation functionality from input functionality
- B. Specify the list of sales forecasts as transient
- C. Implement pagination and reduce records per page
- D. Create formula fields to compute pivoted forecast calculations
- E. Use JavaScript Remoting instead of controller actions

**Answer:** ACE

#### NEW QUESTION 142

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 143

- (Exam Topic 1)

@isTest static void testAccountUpdate() { Account acct = new Account({Name = 'Test'}); acct.Integration\_Updated\_c = false; insert acct; CalloutUtil.sendAccountUpdate(acct.Id); Account acctAfter = [SELECT Id, Integration\_Updated\_c FROM Account WHERE Id = :acct.Id] [0]; System.assert(true, acctAfter.Integration\_Updated\_c); } The test method above calls a web service that updates an external system with Account information and sets the Account's Integration\_Updated c checkbox to True when it completes. The test fails to execute and exits with an error: "Methods defined as TestMethod do not support Web service callouts." What is the optimal way to fix this?

- A. Add if (!Test.isRunningTest()) around CalloutUtil.sendAccountUpdate.
- B. Add Test.startTest() before and Test.stopTest() after CalloutUtil.sendAccountUpdate.
- C. Add Test.startTest() before and Test.setMock and Test.stopTest() after CalloutUtil.sendAccountUpdate.
- D. Add Test.startTest() and Test.setMock before and Test.stopTest() after CalloutUtil.sendAccountUpdate.

**Answer:** B

#### NEW QUESTION 148

- (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 149

- (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 150

- (Exam Topic 1)

A company uses Opportunism 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 151

- (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 155

- (Exam Topic 1)

Users report that a button on a custom Lightning Web Component is not working. However, there are no other details provided. What should the developer use to ensure error messages are properly displayed?

- A. Add the <apex:messages/> tag to the component.
- B. Use the Database method with allOrNone set to false.
- C. Add a Try/Catch block surrounding the DML statement.
- D. Add JavaScript and HTML to display an error message.

**Answer:** D

#### NEW QUESTION 157

- (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 158

- (Exam Topic 1)

Consider the controller code above that is called from a Lightning component and returns data wrapped in a class.

```
public class myServerSideController {
    @AuraEnabled
    public static MyDataWrapper getSomeData( String theType ) {
        Some_Object__c someObj = [
            SELECT ID, Name
            FROM Some_Object__c
            WHERE Type__c = :theType
            LIMIT 1
        ];

        Another_Object__c anotherObj = [
            SELECT ID, Option__c
            FROM Another_Object__c
            WHERE Some_Object__c = :someObj.Name
            LIMIT 1
        ];

        MyDataWrapper theData = new MyDataWrapper();

        theData.Name = someObj.Name;
        theData.Option = anotherObj.Option__c;
        return theData;
    }
}

public class MyDataWrapper {
    public String Name { get; set; }
    public String Option { get; set; }

    public MyDataWrapper() {}
}
```

Consider the controller code above that is called from a Lightning component and returns data wrapped in a class.

The developer verified that the Queries return a single record each and there is error handling in the Lightning component, but the component is not getting anything back when calling the controller `getSomeData()`.  
What is wrong?

- A. The member's Name and Option of the class `MyDataWrapper` should be annotated with `@AuraEnabled` also.
- B. The member's Name and Option should not be declared public.
- C. The member's Name and Option should not have getter and setter.
- D. Instances of Apex classes such as `MyDataWrapper` cannot be returned to a Lightning component.

**Answer:** A

#### NEW QUESTION 163

- (Exam Topic 1)

Refer to re 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 taggers, which two lots 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 164

- (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 165

- (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 167

- (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 171

- (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 173

- (Exam Topic 1)

A user receives the generic "An internal server error has occurred" while interacting with a custom Lightning Component. What should the developer do to ensure a more meaningful message?

- A. Use an AuraHandledException in a try/catch block.
- B. Use ProcessBuilder to catch the error.
- C. Add an onerror event handler to the tag.
- D. Add an error-view component to the markup.

**Answer:** A

#### NEW QUESTION 175

- (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 176

- (Exam Topic 1)

What is a consideration when using bind variables with dynamic SOQL? (Choose two.)

- A. Dynamic SOQL cannot reference fields on bind variables
- B. Dynamic SOQL cannot use bind variables
- C. Bind variables must be public or global
- D. Bind variables must be in local scope

**Answer:** AD

#### NEW QUESTION 180

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 183

- (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 188

- (Exam Topic 1)

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

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

What will happen when a user clicks the command button?

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

**Answer:** D

#### NEW QUESTION 193

- (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 195

- (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 198

- (Exam Topic 1)

The Contact object has a custom field called "Zone." Its data type is "Text" and field length is 3. What is the outcome after executing the following code snippet in the org?

```
List<Contact> contactsToBeInserted=new List<Contact>(); Contact contactInstance= new Contact(LastName='Smith', Department='Tech', Zone_c='IAD'); contactsToBeInserted.add(contactInstance); contactInstance= new Contact(LastName='Sm1th', Department='Tech', Zone_c='PITT'); contactsToBeInserted.add(contactInstance); Database.insert (contactsToBeInserted,true);
```

- A. Both inserts succeed and the contact record that has the Zone value of 'PI'IT is set to NULL
- B. A partial insert succeeds and the contact record that has the Zone value 'IAD1 is inserted
- C. Both inserts succeed and the contact record that has the Zone value of PITT is truncated
- D. An unhandled DML exception is thrown and no contact records are inserted

**Answer:** D

#### NEW QUESTION 201

- (Exam Topic 1)  
The Bulk API .

- A. Is based on REST principles and is optimized for loading or deleting large sets of data
- B. You can use it to query, queryAll, insert, update, upsert, or delete many records asynchronously by submitting batches
- C. Provides a powerful, convenient, and simple REST-based web services interface for interacting with Salesforce
- D. Its advantages include ease of integration and development, and it's an excellent choice of technology for use with mobile applications and web projects
- E. Is used to create, retrieve, update or delete records, such as accounts, leads, and custom objects, and allows you to maintain passwords, perform searches, and much more
- F. Is used to retrieve, deploy, create, update, or delete customizations for your org
- G. The most common use is to migrate changes from a sandbox or testing org to your production environment

**Answer:** A

#### NEW QUESTION 204

- (Exam Topic 1)  
The "action" attribute on <apex:page> is ONLY evaluated on which type of request?

- A. Get request
- B. Postback request

**Answer:** A

#### NEW QUESTION 208

- (Exam Topic 1)  
Choose the correct definition for <apex:actionFunction>.

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

**Answer:** D

#### NEW QUESTION 212

- (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 215

- (Exam Topic 1)  
A corporation has many different Salesforce orgs, with some different objects and some common objects, and wants to build an application that can create, retrieve, and update common object records in all of the different orgs.  
Which method of integration should the application use?

- A. Apex REST Web Service
- B. SOAP API with the partner WSDL
- C. SOAP API with the Enterprise WSDL
- D. Metadata API

**Answer:** A

#### NEW QUESTION 218

- (Exam Topic 1)  
Which type of controller is best suited when you want all of the basic DML functions from an object's normal new/edit page and want to include multiple records?

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

**Answer:** B

#### NEW QUESTION 223

- (Exam Topic 1)

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

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

**Answer:** AC

#### NEW QUESTION 224

- (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 all 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 225

- (Exam Topic 1)

Which interface needs to be implemented by a Lightning Component so that it may be displayed in modal dialog by clicking a button on a Lightning Record page?

- A. Force: lightningQuickAction
- B. Lightning:editAction
- C. Lightning:quickAction
- D. Force:lightningEditAction

**Answer:** A

#### NEW QUESTION 226

- (Exam Topic 1)

How can the DISTANCE and GEOLOCATION functions be used in 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 231

- (Exam Topic 1)

In an organization that has multi-currency enabled, a developer is tasked with building a Lightning Component that displays the top ten Opportunities most recently accessed by the logged in user. The developer must ensure the Amount and LastModifiedDate field values are displayed according to the user's locale.

What is the most effective approach to ensure values displayed respect the user's locale settings?

- A. Use the FOR VIEW clause in the SOQL Query.
- B. Use REGEX expressions to format the values retrieved via SOQL.
- C. Use the FORMAT() function in the SOQL query.
- D. Use a wrapper class to format the values retrieved via SOQL.

**Answer:** C

#### NEW QUESTION 233

- (Exam Topic 2)

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

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

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

**Answer:** D

#### NEW QUESTION 238

- (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 240

- (Exam Topic 2)

```
@isTest
static void testUpdateSuccess() {
    Account acct = new Account(Name = 'test');
    insert acct;

    // Add code here

    extension.inputValue = 'test';
    PageReference pageRef = extension.update();
    System.assertNotEquals(null, pageRef);
}
```

What should be added to the setup, in the location indicated, for the unit test above to create the controller extension for the test?

A)

```
ApexPages.StandardController sc = new ApexPages.StandardController(acct.Id);
AccountControllerExt extension = new AccountControllerExt(sc);
```

B)

```
AccountControllerExt extension = new AccountControllerExt(acct);
```

C)

```
ApexPages.StandardController sc = new ApexPages.StandardController(acct);
AccountControllerExt extension = new AccountControllerExt(sc);
```

D)

```
AccountControllerExt extension = new AccountControllerExt(acct.Id);
```

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

**Answer:** C

#### NEW QUESTION 244

- (Exam Topic 2)

In a VisualForce page with a VisualForce component that has rendered set to false when the page loads, how can a developer ensure it will show on a re-render?

- A. Set the re-render attribute of the component to true.
- B. Perform a full page refresh since rendered elements cannot be re-rendered without refreshing.
- C. Set the rendered attribute of the component to true and re-render the component.
- D. Set the rendered attribute of the component to true and re-render a parent component.

**Answer:** D

#### NEW QUESTION 245

- (Exam Topic 2)

A company decides that every time an Opportunity is created, they want to create a follow up Task and assign it to the Opportunity Owner. What should a developer use to implement the requirements?

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

**Answer:** A

#### NEW QUESTION 246



- (Exam Topic 2)

A company manages information about their product offerings in custom objects named Catalog and Catalog Item. Catalog Item has a master-detail field to Catalog, and each Catalog may have as many as 100,000 Catalog Items.

Both custom objects have a CurrencyIsoCode Text field that contains the currency code they should use. If a Catalog's CurrencyIsoCode changes, all of its Catalog Items' CurrencyIsoCodes should be changed as well.

What should a developer use to update the CurrencyIsoCodes on the Catalog Items when the Catalog's CurrencyIsoCode changes?

- A. An after insert trigger on Catalog that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- B. An after insert trigger on Catalog Item that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- C. A Database.Schedulable and Database.Batchable class that queries the Catalog object and updates the Catalog Items if the Catalog CurrencyIsoCode is different
- D. A Database.Schedulable and Database.Batchable class that queries the Catalog Item object and updates the Catalog Items if the Catalog CurrencyIsoCode is different

**Answer: D**

#### NEW QUESTION 249

- (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 251

- (Exam Topic 3)

AW Computing (AWC) handles orders in Salesforce and stores its product inventory in a field, inventory\_c, on a custom object.

product\_c. When an order for a product\_c placed, the Inventory\_c field is reduced by the quantity of the order using an Apex trigger.

```
public void reduceInventory(Id prodId, Integer qty) {  
    Integer newInventoryAmt = getNewInventoryAmt(prodId, qty);  
    Product__c p = new Product__c(Id = prodId, Inventory__c = newInventoryAmt);  
    update p;  
  
    // code goes here  
}
```

AWC wants to real-time inventory reduction for a product to be sent to many of its external systems, including some future systems the company is currently planning.

What should a developer add to the code at the placeholder to meet these requirements?

A)

```
InventoryReductionEvent__c ev = new InventoryReductionEvent__c(ProductId__c = prodId, Reduction__c = qty);  
EventBus.publish(ev);
```

B)

```
InventoryReductionEvent__e ev = new InventoryReductionEvent__e(ProductId__c = prodId, Reduction__c = qty);  
insert ev;
```

C)

```
InventoryReductionEvent__e ev = new InventoryReductionEvent__e(ProductId__c = prodId, Reduction__c = qty);  
EventBus.publish(ev);
```

D)

```
InventoryReductionEvent__c ev = new InventoryReductionEvent__c(ProductId__c = prodId, Reduction__c = qty);  
insert ev;
```

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

**Answer: D**

#### NEW QUESTION 252

- (Exam Topic 3)

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

- A. Calling a method that makes a web service callout
- B. Calling a method that is not annotated with cacheable=true
- C. Calling a method with the click of a button
- D. Calling a method that is external to the main controller for the Lightning web component

**Answer:** BC

#### NEW QUESTION 253

- (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 258

- (Exam Topic 3)

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

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

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

**Answer:** B

#### NEW QUESTION 263

- (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 267

- (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 271

- (Exam Topic 3)

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

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

**Answer:** CD

#### NEW QUESTION 274

- (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 278

- (Exam Topic 3)

A developer is building a Lightning web component that searches for Contacts and must communicate the search results to other Lightning web components when the search completes.

What should the developer do to implement the communication?

- A. Publish an event on an event channel.
- B. Fire an application event.
- C. Publish a message on a message channel.
- D. Fire a custom component event.

**Answer:** C

#### NEW QUESTION 280

- (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 285

- (Exam Topic 3)

Refer to the code snippet below:

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

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

A)

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

B)

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

C)

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

D)

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

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

**Answer:** A

**NEW QUESTION 289**

- (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 292**

- (Exam Topic 3)

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

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

- A. Set the locale on each record in the SOQL result list.
- B. Use the locale clause in the SOQL query.
- C. Use toLabel1 Products\_c in the fields list of the SOQL query.
- D. Call the translate ( ) method on each record in the SOQL result list.

**Answer: C**

**NEW QUESTION 296**

- (Exam Topic 3)

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

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

**Answer: C**

**NEW QUESTION 299**

- (Exam Topic 3)

Universal Containers has an Apex trigger on Account that creates an Account Plan record when an Account is marked as a Customer. Recently a workflow rule was added so that whenever an Account is marked as a Customer, a 'Customer Since' date field is updated with today's date.

Since the addition of the workflow rule, two Account Plan records are created whenever the Account is marked as a Customer.

What might cause this to happen?

- A. The workflow rule is configured to evaluate when a record is created and every time it is edited.
- B. The workflow rule field update is marked as 'Re-evaluate Workflow Rules After Field Change.'
- C. The Apex trigger does not use a static variable to ensure it only fires once.
- D. The Apex trigger is not bulk safe and calls insert inside of a for loop.

**Answer: C**

**NEW QUESTION 302**

- (Exam Topic 3)

Refer to the code snippet below:

```
import fetchOpps from '@salesforce/apex/OpportunitySearch.fetchOpportunities';
@wire(fetchOpps)
opportunities;
```

When a Lightning web component is rendered, a list of opportunity that match certain criteria should be retrieved from the database and displayed to the end-user. Which three considerations must the developer implement to make the fetchOpps method available within the Lightning web component?

- A. The fetchOpps method must be annotated with the @InvocableMethod annotation.
- B. The fetchOpps method must specify the (continuation=true) attribute
- C. The fetchOpps method cannot mutate the result set retrieved from the database.
- D. The fetchOpps method must specify the (cacheable=true) attribute
- E. The fetchOpps method must be annotated with the @ AuraEnabled annotation.

**Answer: CDE**

**NEW QUESTION 303**

- (Exam Topic 3)



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

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

**Answer: B**

#### NEW QUESTION 307

- (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 312

- (Exam Topic 3)

Consider the following code snippet:

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

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

Choose 2 answers

- A. Create a Named Credential, endPoint\_NC, to store the endpoint and credentials.
- B. Store the URL of the endpoint in a custom Label named endPointURL.
- C. Use req.setEndpoint(callcut:endPoint\_NC,); within the callout request.
- D. Use req.setEndpoint(Label.endPointURL);.

**Answer: AC**

#### NEW QUESTION 315

- (Exam Topic 3)

Which three actions must be completed in a Lightning web component for a JavaScript file in a static resource to be loaded?

Choose 3 answers

- A. Reference the static resource in a <script> tag.
- B. Import the static resource.
- C. Import a method from the platformfresourceLoader,
- D. Call loadscript.
- E. Append the static resource to the DOM.

**Answer: BCD**

#### NEW QUESTION 316

- (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 319

- (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 323

- (Exam Topic 3)

Universal Containers has an existing automation where a custom record called Account Plan is created upon an Account being marked as a Customer. Recently, a Workflow Rule was added so that whenever an Account is marked as a Customer, a 'Customer Since' date field is updated with today's date.

Now, since the addition of the Workflow Rule, two Account Plan records are created whenever the Account is marked as a Customer.

What might cause this to happen?

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

**Answer: C**

#### NEW QUESTION 327

- (Exam Topic 3)

Universal Containers needs to integrate with an external system. The process is initiated when a record is created in Salesforce. The remote system does not require Salesforce to wait for a response before continuing.

What should the developer use to accomplish this?

- A. Trigger with HTTP callout
- B. PushTopic event
- C. Outbound message
- D. Platform event

**Answer: C**

**NEW QUESTION 328**

- (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 329**

- (Exam Topic 3)

As part of their quoting and ordering process, a company needs to send PDFs to their document storage system's REST endpoint that supports OAuth 2.0. Each Salesforce user must be individually authenticated with the document storage system to send the PDF.

What is the optimal way for a developer to implement the authentication to the REST endpoint?

- A. Named Credential with an OAuth Authentication Provider
- B. Hierarchy Custom Setting with a password custom field
- C. Named Credential with Password Authentication
- D. Hierarchy Custom Setting with an OAuth token custom field

**Answer: A**

**NEW QUESTION 334**

- (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 335**

- (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 340**

- (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 341

- (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 343

- (Exam Topic 3)

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

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

**Answer: C**

#### NEW QUESTION 346

- (Exam Topic 3)

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

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

What step should the developer take to resolve this issue?

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

**Answer: C**

#### NEW QUESTION 349

- (Exam Topic 3)

Refer to the code snippet below:

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

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

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

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

```
[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId LIMIT 50 FOR UPDATE]
```

D)

```
[Select Id, Name, Amount__c FROM Credit_Memo__c WHERE Customer_Id__c = :customerId FOR UPDATE LIMIT 50]
```

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

**Answer: C**

#### NEW QUESTION 353

- (Exam Topic 3)

A developer created a Lightning web component that allows users to input a text value that is used to search for Accounts by calling an Apex method. The Apex method returns a list of AccountWrappers and is called imperatively from a JavaScript event handler.

```
01:
02: public class AccountSearcher {
03:
04:     public static List<AccountWrapper> search(String term) {
05:         List<AccountWrapper> wrappers = getMatchingAccountWrappers(term);
06:         return wrappers;
07:     }
08:
09:
10:     public class AccountWrapper {
11:         public Account { get; set; }
12:         public Decimal matchProbability { get; set; }
13:     }
14:     // ...other methods, including getMatchingAccountWrappers implementation...
15: }
```

Which two changes should the developer make so the Apex method functions correctly?

Choose 2 answers

- A. Add @AuraEnabled to line 09.
- B. Add @AuraEnabled to line 03.
- C. Add @AuraEnabled to lines 11 and 12.
- D. Add @AuraEnabled to line 01.

**Answer: BC**

#### NEW QUESTION 357

- (Exam Topic 3)

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

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

Choose 3 answers

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

**Answer: CDE**

#### NEW QUESTION 359

- (Exam Topic 3)

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

A)



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

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

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

B)

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

- A. Option A
- B. Option B

**Answer:** A

#### NEW QUESTION 362

- (Exam Topic 3)

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

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

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

**Answer:** A

#### NEW QUESTION 366

- (Exam Topic 3)

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

Choose 3 answers

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

**Answer:** ACE

#### NEW QUESTION 368

- (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 373

- (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 374

- (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 379

- (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 384

- (Exam Topic 3)

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

The developer has representative test data in their developer sandbox.

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

Choose 3 answers

- A. Developer Console B, visual Studio Code
- B. Breakpoints
- C. Apex Replay Debugger

D. Workbench

**Answer:** ABD

### NEW QUESTION 388

- (Exam Topic 3)

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

#### Object Name:

Region\_\_c

#### Fields:

Zip\_Code\_\_c (Text)

Region\_Name\_\_c (Text)

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

A)

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

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

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

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

B)

```
Zip_Code__c IN :zips];

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

C)

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

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

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

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

D)

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

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

**Answer:** A

#### NEW QUESTION 393

- (Exam Topic 3)

A developer wrote an Apex method to update a list of Contacts and wants to make it available for use by Lightning web components. Which annotation should the developer add to the Apex method to achieve this?

- A. @AuraEnabled
- B. @RemoteAction
- C. @RemoteAction(cacheable=true)
- D. @AuraEnable

**Answer:** D

#### NEW QUESTION 398

- (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 402

- (Exam Topic 3)

A company uses Salesforce to sell products to customers. They also have an external product information management (PIM) system that is the system of record for products.

A developer received these requirements:

- Whenever a product is created or updated in the PIM, a product must be created or updated as a Product2 record in Salesforce and a PricebookEntry record must be created or updated automatically by Salesforce.
- The PricebookEntry should be created In a Pricebook2 that is specified In a custom setting. What should the developer use to satisfy these requirements?

- A. Apex REST
- B. Event Monitoring
- C. Invocable Action
- D. SOBJect Tree

**Answer:** A

#### NEW QUESTION 406

- (Exam Topic 3)

As part of a new integration, a developer is asked to implement a new custom search functionality that is capable of performing unrestricted queries and can

account for all values within a custom picklist field, type z, on the Opportunity object. The search feature must also account for NULL values. The organization-wide default for the Opportunity object is set to Public Read-Only, and a new custom index has been created for the Type\_\_c field. There are more than 5 million Opportunity records within the environment. and a considerable amount of the existing records have NULL values for the picklist

Which technique should the developer implement to maximize performance when querying NULL values?

- A. Create a formula field that substitutes NULL values for a string of text, create an index for the formula field, then use the formula within the WHERE clause.
- B. Perform two SOQL queries; one to query Opportunities where Type\_\_c = NULL, and another to query where Type\_\_c = HBL, then join the result set using Apex.
- C. Use a SOSL query to return ALL opportunities that have a value of NULL in any field.
- D. Use the OR operator to combine WHERE clauses to strictly search for each value within the picklist, including Type\_\_c = NULL.

**Answer: B**

#### NEW QUESTION 409

- (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 411

- (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. 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 413

- (Exam Topic 3)

A business requires that every parent record must have a child record. A developer writes an Apex method with two DML statements to insert a parent record and a child record.

A validation rule blocks child records from being created. The method uses a try/catch block to handle the DML exception.

What should the developer do to ensure the parent always has a child record?

- A. Use Database.insert () and set the allOrNone parameter to true.
- B. Use addError () on the parent record if an error occurs on the child record.
- C. Set a database savepoint to rollback if there are errors.
- D. Delete the parent record in the catch statement when an error occurs on the child record DML operation.

**Answer:** C

#### NEW QUESTION 418

- (Exam Topic 3)

Which statement is true regarding savepoints?

- A. Savepoints are not limited by DML statement governor limits
- B. You can roll back to any savepoint variable created In any order
- C. Static variables are not reverted during a rollback.
- D. Reference to savepoints can cross trigger invocations.

**Answer:** C

#### NEW QUESTION 422

- (Exam Topic 3)

Which annotation should a developer use on an Apex method to make it available to be wired to a property In a Lightning web component?

- A. @RemoteAction
- B. @AuraEnabled(cacheable=true)
- C. @QRemoteAction(caccheable=true)
- D. @AuraEnabled

**Answer:** B

#### NEW QUESTION 427

- (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 428

- (Exam Topic 3)

An Apex trigger creates a Contract record every time an Opportunity record is marked as Closed end Won. This trigger is working great, except (due to a recent acquisition) historical Opportunity records need to be loaded into the Salesforce instance.

When a test batch of records are loaded, the Apex trigger creates Contract records. A developer is tasked with preventing Contract records from being created when mass loading the Opportunities, but the daily users still need to have the Contract records created.

What is the most extendable way to update the Apex trigger to accomplish this?

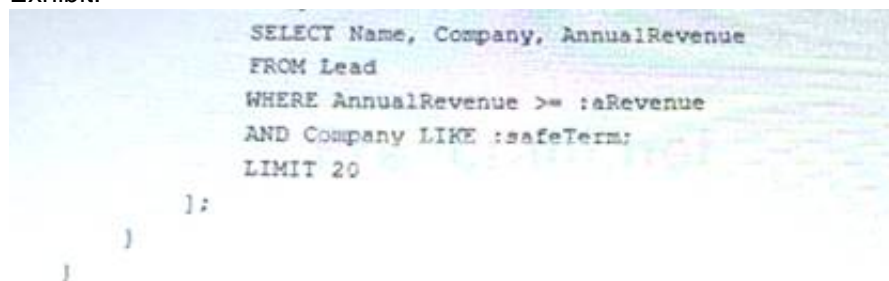
- A. Use a List Custom Setting to disable the trigger for the user who loads the data.
- B. Add a Validation Rule to the Contract to prevent Contract creation by the user who loads the data.
- C. Use a Hierarchy Custom Setting to skip executing the logic inside the trigger for the user who loads the data.
- D. Add the Profile ID of the user who loads the data to the trigger so the trigger will not fire for this user.

**Answer:** C

#### NEW QUESTION 431

- (Exam Topic 3)

Exhibit.



```
SELECT Name, Company, AnnualRevenue
FROM Lead
WHERE AnnualRevenue >= :aRevenue
AND Company LIKE :safeTerm;
LIMIT 20
```

A developer created a JavaScript function as a part of a Lightning web component (LWC) that surfaces information... about leads by imperatively calling getFetchLeadList when certain criteria are met.

What are these changes the developer should implement in the Apex class above to ensure the LWC can displ... data efficiently while preserving security? Choose 3 answers

- A. Annotate the Apex method with gAuraEnabled
- B. Annotate the Apex method with 8AuraEnabled (Cacheable=true).
- C. Use the WITH SECURITY\_ENFORCED clause within the SOQL query.
- D. Implement the with sharing keyword in the class declaration.
- E. Implement the without sharing keyword in the class declaration.



**Answer:** BCD

**NEW QUESTION 434**

- (Exam Topic 3)

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

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

**Answer:** B

**NEW QUESTION 439**

- (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 442**

- (Exam Topic 3)

An org has a Process Builder process on Opportunity that sets a custom field, CommissionBaseAmount c, when an Opportunity is edited and the Opportunity's Amount changes.

A developer recently deployed an Opportunity before update trigger that uses the CommissionBaseAmount c and complex logic to calculate a value for a custom field CommissionAmount\_c, when an Opportunity stage changes to Closed/Won.

Users report that when they change the Opportunity to Closed/Won and also change the Amount during the same save, the C:rr.i;5icnA.T.cur.t c is incorrect.

Which two actions should the developer take to correct this problem? Choose 2 answers

- A. Call the trigger from the process.
- B. Uncheck the recursion checkbox on the process.
- C. Use a static Boolean variable in the trigger.
- D. Call the process from the trigger.

**Answer:** AC

**NEW QUESTION 446**

- (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 450

- (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 "ERPSECertificate".

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', 'ERPSECertificate');
- B. req.setSecure('ERPSECertificate');
- C. req.setClientCertificateName('ERPSECertificate');
- D. req.setSecureCertificate('ERPSECertificate');

**Answer: C**

### NEW QUESTION 452

- (Exam Topic 3)

A developer created a class that implements the Queueable interface, as follows:

As part of the deployment process, the developer is asked to create a corresponding test class. Which two actions should the developer take to successfully execute the test class?

Choose 2 answers

- A. Ensure the running user of the test class has, at least, the View All permission on the Order object
- B. Enclose System.enqueueJob (new orderQueueable Job ( )) within Test
- C. starttest and Test, stopTest ()
- D. Implement seeAllData=true to ensure the Queueable job is able to run in bulk mode.
- E. Implement Test.isRunningTest ( ) to prevent chaining jobs during test execution.

**Answer: CD**

**NEW QUESTION 457**

- (Exam Topic 3)

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

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

**Answer:** BCE

**NEW QUESTION 461**

- (Exam Topic 3)

Consider the following code snippet:

A developer created the following test class to provide the proper code coverage for the snippet above: However, when the test runs, no data is returned and the assertion fails.

However, when the test runs, no data is returned and the assertion fails.

Which edit should the developer make to ensure the test class runs successfully?

- A. Enclose the method call within Test
- B. startTest () and Test , stop Test ()
- C. Implement the seeAllData=true attribute in the @isTest annotation.
- D. Implement the without sharing keyword in the searchfeature Apex class.
- E. Implement the setFixedSearchResults method in the test class.

**Answer:** D

**NEW QUESTION 464**

- (Exam Topic 3)

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

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

**Answer:** BD

**NEW QUESTION 469**

- (Exam Topic 3)

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

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

    if(opp.amount >= 1000000){

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

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

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

**Answer:** AB

**NEW QUESTION 472**

- (Exam Topic 3)

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

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

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

**Answer:** ADE

**NEW QUESTION 476**

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