



# Salesforce

## Exam Questions Platform-Developer-II

Platform Developer II

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#### NEW QUESTION 1

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 2

- (Exam Topic 1)

REST uses .

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

**Answer:** D

#### NEW QUESTION 3

- (Exam Topic 1)

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 4

- (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 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)

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

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

**Answer:** D

#### NEW QUESTION 7

- (Exam Topic 1)

A developer is inserting, updating, and deleting multiple lists of records in a Single transaction and wants to ensure that any error prevents all execution. How should the developer implement error exception handling in their code to handle this?

- A. Use Database methods to obtain lists of Database.SaveResults.

- B. Use Database.setSavepoint() and Database.rollback() with a Try/Catch statement.
- C. Use a Try/Catch and use sObject.addError() on any failures.
- D. Use a Try/Catch statement and handle DML cleanup in the catch statement.

**Answer:** B

#### NEW QUESTION 8

- (Exam Topic 1)

A company represents their customers as Accounts that have an External ID field called Customer\_Number\_\_c. They have a custom Order (Order\_\_c) object, with a Lookup to Account, to represent Orders that are placed in their external order management system (OMS). When an order is fulfilled in the OMS, a REST call to Salesforce should be made that creates an Order record in Salesforce and relates it to the proper Account. What is the optimal way to implement this?

- A. Perform a REST GET on the Account and a REST POST to update the Order\_\_c with the Account's record ID.
- B. Perform a REST PATCH to upsert the Order\_\_c and specify the Account's Customer\_Number\_\_c in it.
- C. Perform a REST GET on the Account and a REST PATCH to upsert the Order\_\_c with the Accounts record ID.
- D. Perform a REST POST to update the Order c and specify the Account's Customer\_Number\_\_c in it.

**Answer:** B

#### NEW QUESTION 9

- (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 10

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 10

- (Exam Topic 1)

The REST 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 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 or
- G. The most common use is to migrate changes from a sandbox or testing org to your production environment

**Answer:** B

#### NEW QUESTION 15

- (Exam Topic 1)

A developer writes the following code:

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

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

- A. Use the asyncSend() method of the HTTP class to send the request in async context
- B. Ensure all callouts are completed prior to executing DML statements

- C. Move the web service callout into an @future method
- D. Use Database.insert (order, true) to immediately commit any database changes

**Answer:** BC

#### NEW QUESTION 17

- (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 18

- (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 22

- (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 25

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 29

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 34

- (Exam Topic 1)

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

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

**Answer:** BD

#### NEW QUESTION 36

- (Exam Topic 1)

A developer must perform a complex SOQL query that joins two objects in a Lightning component. how can the Lightning component execute the query?

- A. Use the SaJesforce Streaming API to perform the SOQL query.
- B. Create a Process Builder to execute the query and invoke from the Lightning component.
- C. Invoke an Apex class with the method annotated as @AuraEnabled to perform the query.
- D. Write the query in a custom Lightning web component wrapper and invoke from the Lightning component.

**Answer:** D

#### NEW QUESTION 41

- (Exam Topic 1)

The maximum view state size of a visualforce page is .

- A. 1mb
- B. 256kb
- C. 165kb
- D. 65kb
- E. 135kb

**Answer:** E

#### NEW QUESTION 46

- (Exam Topic 1)

The "Webservice" keyword .

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

**Answer:** D

#### NEW QUESTION 51

- (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 55

- (Exam Topic 1)

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

- A. internal Apps can use Outbound Messages
- B. Internal Apps can use Process Builder.
- C. External Apps require a custom Apex web service.
- D. External Apps can use the standard Streaming API.

**Answer:** AB

#### NEW QUESTION 58

- (Exam Topic 1)

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

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

**Answer:** ADE

#### NEW QUESTION 62

- (Exam Topic 1)

Invokable methods accept sObjects as parameters.

- A. True
- B. False

**Answer:** B



#### NEW QUESTION 67

- (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 pag
- 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 70

- (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 73

- (Exam Topic 1)

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

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

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

**Answer:** C

#### NEW QUESTION 76

- (Exam Topic 1)

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

How might a developer accomplish this requirement?

- A. Use the Apex Inbound Email Handler
- B. Use the Fuel API with Email Data Extensions
- C. Use Heroku Data Clips to Process Email
- D. Use Auto-launched Flow and Process Builder

**Answer:** A

#### NEW QUESTION 79

- (Exam Topic 1)

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

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

What should a developer do to fix the problem?

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

**Answer:** A

#### NEW QUESTION 83

- (Exam Topic 1)

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

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

**Answer:** A

### NEW QUESTION 87

- (Exam Topic 1)

A developer is asked to update data in an org based on new business rules. The new rules state that Accounts with the type set to 'Customer' should have a status of 'Active,' and Accounts with the type set to 'Prospect' should have a status of 'Pending.' No other changes to data should be made. Which code block will accurately meet the business requirements?

A)

```
A. List accountUpdates = new List();

for ( Account a : [SELECT Id, Type FROM Account]){

a.Status = a.Type == 'Customer' ? 'Active' : 'Pending';

accountUpdates.add (a);

}

update accountUpdates;
```

B)

```
B. Map statusMap = new Map, 'Customer'=>'Active', 'Prospect

'=>'Pending'-

List accountUpdates = new List();

for ( Account a : [SELECT Id, Type FROM Account WHERE Status IN

:statusMap.keySet ()]){

a.Status = statusMap.get (a.Type);

accountUpdates.add{a};

}

update accountUpdates;
```

C)

```
C. Map statusMap = new Map{'Customer'=>'Active',

*Prospect'=>'Pending'-

List accountUpdates = new List();

for ( Account a : [SELECT Id, Type FROM Account)) {

if ( statusMap.containsKey(a.Type) } {

a.Status = a.Type == 'Customer' ? 'Active' : 'Pending':

}

accountUpdates.add (a);

}update accountUpdates;
```

D)



```
D. List accountUpdates = new List();

for ( Account a : [SELECT Id, Type FROM Account]) {

    if ( String.isNotBlank(a.Type) && a.Type == 'Customer' ) {

        a.Status = 'Active';

    }

    if ( String.isNotBlank(a.Type) && a.Type == 'Prospect' ) {

        a.Status = 'Pending';

    }

    accountUpdates.add(a);

}

update accountUpdates;
```

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

**Answer:** D

#### NEW QUESTION 92

- (Exam Topic 1)

What is the correct order of execution for Visualforce Page "postback" requests (when user interaction requires a page update)?

- A. 1) Decode View State2) Evaluate expressions and method calls for the main page and custom components3) Upon successful completion, Evaluate the action that triggered the postback4) Upon successful completion, Update data and redirect user/update view state5) HTML sent to browser
- B. 1) Evaluate expressions and method calls for the main page and custom components2) Decode View State3) Upon successful completion, Update data and redirect user/update view state4) Upon successful completion, Evaluate the action that triggered the postback5) HTML sent to browser
- C. 1) Decode View State2) Evaluate expressions and method calls for the main page and custom components3) Upon successful completion, Update data and redirect user/update view state4) Upon successful completion, Evaluate the action that triggered the postback5) HTML sent to browser

**Answer:** A

#### NEW QUESTION 93

- (Exam Topic 1)

A developer has generated Apex code from a WSDL for an external web service. The web service requires Basic authentication. What code should the developer use to authenticate?

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

**Answer:** B

#### NEW QUESTION 97

- (Exam Topic 1)

A developer needs to create a Lightning page for entering Order Information. An error message should be displayed if the zip code entered as part of the Order's shipping address is not numeric.

What is a recommended way for the error message be displayed to the end user?

- A. Use the apex:message tag to display errors
- B. Use the aura:component tag to display errors
- C. Use the uhoutputText tag to display errors
- D. Use the uhinputDefaultError tag to display errors

**Answer:** D

#### NEW QUESTION 100

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 101

- (Exam Topic 1)

What is the transaction limit on the number of callouts?

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

**Answer:** C

#### NEW QUESTION 104

- (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 108

- (Exam Topic 1)

Which of the following about Dynamic Apex is incorrect?

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

**Answer:** D

#### Explanation:

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

:myVariable.field1\_c)

Use escapeSingleQuotes to prevent SOQL injection

#### NEW QUESTION 113

- (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 114

- (Exam Topic 1)

A business process requires sending new Account records to an external system. The Account Name, Id, CreatedDate. and CreatedById must be passed to the external system in near real-time when an Account is Inserted without error.

How should a developer achieve this?

- A. Use a before insert trigger and an @future method.
- B. Use a before insert trigger and a Queueable class.
- C. Use a Process Builder that calls an @InvocableMethod method.
- D. Use a Workflow rule that calls an @InvocableMethod method.

**Answer:** A

#### NEW QUESTION 119

- (Exam Topic 1)

Where in a query can you use Geolocation and Distance? (Choose two.)

- A. Select clause
- B. Filter clause

- C. Order By clause
- D. Group By clause

**Answer:** BC

#### NEW QUESTION 124

- (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 125

- (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 126

- (Exam Topic 1)

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

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

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

**Answer:** B

#### NEW QUESTION 129

- (Exam Topic 1)

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

Choose 2 answers

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

**Answer:** BC

#### NEW QUESTION 132

- (Exam Topic 1)

A developer creates an application event that has triggered an infinite loop. What may have caused this problem?

- A. The event has multiple handlers registered in the project.
- B. The event handler calls a trigger.
- C. An event is fired ontouchend" and is unhandled.
- D. The event Is fired from a custom renderer.

**Answer:** D

#### NEW QUESTION 136

- (Exam Topic 1)

Given a list of Opportunity records named opportunityList, which code snippet is best for querying all Contacts of the Opportunity's Account?

A)

```
List <Contact> contactList = new List <Contact>();

Set <Id> accountIds = new Set <Id> ();

for (Opportunity o : opportunityList) {

    accountIds.add(o.AccountId);

}

for(Account a : [SELECT Id, (SELECT Id FROM Contacts) FROM Account WHERE Id IN :accountIds]) {

    contactList.addAll {a.Contacts} ;

}
```

B)

```
List <Contact> contactList = new List <Contact>();

Set <Id> accountIds = new Set <Id> ();

for (Opportunity o : opportunityList) {

    contactIds.add(o.ContactId);

}

for(Contact c : [SELECT Id FROM Contact WHERE Id IN :contactIds]){

    contactList.add(c);

}
```

C)

```
List <Contact> contactList = new List <Contact>();

for (Opportunity o : opportunityList) {

    Account a = [SELECT Id, (SELECT Id FROM Contacts) FROM Account WHERE Id = :o.AccountId]

    contactList.addAll(a.Contacts);

}
```

D)

```
List <Contact> contactList = new List <Contact>();

for ( Contact c : [SELECT Id FROM Contact WHERE AccountId IN :o
ppportunityList.AccountId] ){contactList.add{c};

}
```

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

**Answer:** A

#### NEW QUESTION 137

- (Exam Topic 1)

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

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

**Answer:** BD

#### NEW QUESTION 141

- (Exam Topic 1)

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

- Amount Probability, Stage, or Close Date

What is the most efficient way to Query such information?

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

**Answer:** C

#### NEW QUESTION 143

- (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 144

- (Exam Topic 1)

Which of the following exceptions cannot be caught and will force an error? (Choose three.)

- A. LimitException
- B. AssertException
- C. SObjectExceptions
- D. DMLException
- E. License exceptions
- F. ListException

**Answer:** ABE

#### Explanation:

SObjectException occurs when accessing a field not queried, or you try to change a field during the wrong dml statement (i.e. an edit-only field being set on insert)  
Custom exceptions must extend the "Exception" class

#### NEW QUESTION 149

- (Exam Topic 1)

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

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

**Answer:** CD

#### NEW QUESTION 153

- (Exam Topic 1)

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

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

**Answer:** D



#### NEW QUESTION 156

- (Exam Topic 1)

The Metadata 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:** D

#### NEW QUESTION 161

- (Exam Topic 1)

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

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

**Answer:** B

#### Explanation:

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

#### NEW QUESTION 165

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 169

- (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 172

- (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 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 175

- (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 180

- (Exam Topic 1)

A developer needs test data for Apex test classes.

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

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

**Answer:** AB

#### NEW QUESTION 183

- (Exam Topic 1)

A developer is using a third-party JavaScript library to create a custom user interface in Visualforce. The developer needs to use JavaScript to get data from a controller method in response to a user action.

How can the developer accomplish this?

- A. Use <apex:actionFunction> to create a JavaScript wrapper for the controller method
- B. Use the @RemoteAction annotation on the method definition with JavaScript Remoting
- C. Use the \$Controller global variable to access the controller method via JavaScript
- D. Use <apex:actionSupport> to enable JavaScript support for the controller method

**Answer:** B

#### NEW QUESTION 188

- (Exam Topic 1)

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

As part of their initial implementation, they want to perform a one-time seeding of their data by automatically creating and populating Revenue records for Opportunities, based on complex logic. They estimate that roughly 100,000 Opportunities will have revenue records and populated.

What is the optimal way to automate this?

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

**Answer:** D

#### NEW QUESTION 193

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 197

- (Exam Topic 1)

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

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

A)

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

B)

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

C)

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

D)

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

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

**Answer:** B

#### NEW QUESTION 199

- (Exam Topic 1)

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

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

**Answer:** BD

#### NEW QUESTION 202

- (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 204

- (Exam Topic 1)

Which of the following elements can be members of a public group? (Choose three.)

- A. Territories
- B. Case Teams
- C. Users
- D. Roles
- E. Profiles

**Answer:** ACD

#### NEW QUESTION 205

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 210

- (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 TeststartTestQ and Test.stopTestQ

**Answer:** AD

### NEW QUESTION 212

- (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 217

- (Exam Topic 1)

What is a recommended practice with regard to the Apex CPU limit? (Choose two.)

- A. Optimize SOQL query performance
- B. Use Map collections to cache sObjects
- C. Avoid nested Apex iterations
- D. Reduce view state in Visualforce pages

**Answer:** BC

### NEW QUESTION 220

- (Exam Topic 1)

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

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

What will happen when the mass update occurs?

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

**Answer:** B

### NEW QUESTION 223

- (Exam Topic 1)

Within the System.Limit class, what would you call to get the total limit you can call in a single transaction?

- A. get[typeOfLimit] —> (E)
- B. getDMLStatements()
- C. getLimit [typeOfLimit] —> (E)
- D. getLimit [typeOfLimit] —> (E)

**Answer:** B

### NEW QUESTION 226

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 228

- (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 230

- (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 234

- (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 239

- (Exam Topic 1)

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

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

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

**Answer:** CD

#### NEW QUESTION 244

- (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 247

- (Exam Topic 1)

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

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

What is the optimal way to automate this?

- A. Process Builder

- B. Apex Trigger
- C. Workflow Rule
- D. Visual Flow

**Answer:** B

#### NEW QUESTION 248

- (Exam Topic 1)

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

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

**Answer:** C

#### NEW QUESTION 252

- (Exam Topic 1)

Choose the correct definition for <apex:actionFunction>.

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

**Answer:** D

#### NEW QUESTION 255

- (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 259

- (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 261

- (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 263

- (Exam Topic 1)

What is the transaction limit for SOQL queries?

- A. 20 (synchronous), 200 (async)



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

**Answer:** D

#### NEW QUESTION 266

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 267

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 269

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 274

- (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 277

- (Exam Topic 1)

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

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

**Answer:** AC

#### NEW QUESTION 279

- (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 access 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 284

- (Exam Topic 1)

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

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

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

**Answer:** BD

#### NEW QUESTION 288

- (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 292

- (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 297

- (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 301

- (Exam Topic 2)

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

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

**Answer:** A

#### NEW QUESTION 305

- (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 306

- (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 310

- (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 312

- (Exam Topic 3)

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

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

Choose 2 answers

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

**Answer:** AD

#### NEW QUESTION 314

- (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 318

- (Exam Topic 3)

Refer to the code below:

```
List<Opportunity> opportunities = [SELECT Id, Amount from Opportunity ];  
for(Opportunity opp: opportunities){  
    // perform operation here  
}
```

When the code runs, it results in a System Limit Exception with the error message: Apex heap size too large. What should be done to fix this error?

- A. Use a SOQL for loop to process the data.
- B. Convert the List into a Set.
- C. Use Limits.getLimitHeapSize().
- D. Use a try/catch block to catch the error.

**Answer:** C

#### NEW QUESTION 322

- (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 324

- (Exam Topic 3)

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

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

- A. Use Custom Settings to ensure custom messages are translated properly.

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

**Answer:** B

#### NEW QUESTION 325

- (Exam Topic 3)

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

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

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

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

**Answer:** B

#### NEW QUESTION 330

- (Exam Topic 3)

Refer to the code below:

**Apex Class:**

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

**Component markup:**

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

**Component controller:**

```
{!  
    doInit : function(cmp, event, helper) {  
        var action = cmp.get("c.getTopOpps");  
  
        action.setCallback(this, function(response) {  
            var state = response.getState();  
            if (state === "SUCCESS") {  
                console.log("From server: " + response.getReturnValue());  
            }  
        });  
        SA.enqueueAction(action);  
    }  
}
```

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

Choose 3 answers

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

**Answer:** ABD

#### NEW QUESTION 335

- (Exam Topic 3)

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

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

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

**Answer:** A

#### NEW QUESTION 336

- (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 339

- (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 343

- (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 346

- (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 351

- (Exam Topic 3)

Ursa Major Solar has a custom object, serviceJcb\_\_c, with an optional Lookup field to Account called Partr,er\_service\_Provid«r\_\_c.

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

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

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

**Answer:** B

#### NEW QUESTION 355

- (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 356

- (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 358

- (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 363

- (Exam Topic 3)

A company uses a custom-built enterprise resource planning (ERP) system to handle order management. The company wants Sales Reps to know the status of orders so that if a customer calls to ask about their shipment, the Sales Rep can advise the customer about the order's status and tracking number if it is already shipped.

Which two methods can make this ERP order data visible in Salesforce? Choose 2 answers

- A. Ensure real-time order data is in Salesforce using the Streaming API.
- B. Write a cron job in Salesforce to poll the ERP system for order updates.
- C. Have the ERP system push the data into Salesforce using the SOAP API.
- D. Use Salesforce Connect to view real-time Order data in the ERP system.



**Answer:** CD

#### NEW QUESTION 366

- (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 368

- (Exam Topic 3)

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

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

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

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

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

**Answer:** A

#### NEW QUESTION 373

- (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 376

- (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 379

- (Exam Topic 3)

Consider the following code snippet:

```
<aura:component>
    <aura:attribute name="isPowerUser" type="Boolean" default="false" access="private" />
    <aura:handler name="init" value="{!this}" action="{!c.setPowerUser}"/>

    <c:powerUserView/>
    <c:standardUserView/>
</aura:component>
```

A developer needs to build an interactive Aura component that responds to the user's input by hiding or showing sections according to the user preferences.

What are two best practices the developer can implement to hide or show the powerUserView and standardUserView inner components, based on the value of the attribute isPowerUser?

Choose 2 answers

A)

```
<div class="{! v.isPowerUser ? 'showSection' : 'hideSection'}">
    <c:powerUserView/>
</div>
<div class="{! v.isPowerUser ? 'hideSection' : 'showSection'}">
    <c:standardUserView/>
</div>
```

B)

```
<aura:if isTrue="{!v.isPowerUser}">
    <c:powerUserView/>
<aura:set attribute="else">
    <c:standardUserView/>
</aura:set>
</aura:if>
```

C)

```
<aura:if isTrue="{!v.isPowerUser}">
    <c:powerUserView/>
</aura:if>
<aura:if isTrue="{!NOT(v.isPowerUser)}">
    <c:standardUserView/>
</aura:if>
```

D)

```
<c:powerUserView style="{! v.isPowerUser ? 'display:visible' : 'display:none'}"/>
<c:standardUserView style="{! v.isPowerUser ? 'display:none' : 'display:visible'}"/>
```

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

**Answer: B**

#### NEW QUESTION 383

- (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 platformfetsourceLoader,
- D. Call loadscript.
- E. Append the static resource to the DOM.

**Answer: BCD**

#### NEW QUESTION 388

- (Exam Topic 3)

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

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

- A. Client-side validation
- B. Process Builder

- C. Apex REST
- D. Custom validation rules

**Answer:** A

#### NEW QUESTION 392

- (Exam Topic 3)

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

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

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

**Answer:** BD

#### NEW QUESTION 395

- (Exam Topic 3)

Consider the following code snippet:

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

public class AccountHandler{
    public static void createRelatedOpportunity(Account thisAccount){
        Pricing Structure __c = (Pricing Structure __c FROM Pricing Structure __c WHERE Industry__c = :thisAccount.Industry
        LIMIT 1);
        Opportunity newOp = new Opportunity(IsAccountId = thisAccount.Id,
        Name = 'thisAccount.Name' + ' - Base
        CloseDate = System.Today()+30,
        StageName = 'Prospecting',
        Pricing Structure __c =
        );
    }
}
```

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

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

**Answer:** A

#### NEW QUESTION 397

- (Exam Topic 3)

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

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

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

**Answer:** BD

#### NEW QUESTION 401

- (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 405**

- (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 409**

- (Exam Topic 3)

Consider the following code snippet:

```
import { LightningElement } from 'lwc';
import getOrders from '@apex/OrderController.getAvailableOrders';

export default class OrderManagement extends LightningElement {
    orders;
    error;

    @wire(getOrders)
    wiredOrders({ error, data }) {
        if (data) {
            this.orders = data;
            this.error = undefined;
        } else if (error) {
            this.error = error;
            this.orders = undefined;
        }
    }
}
```

Choose 2 answers

- A. import getOrders from ,@salesforce/apex/OrderController.getAvailableOrders';
- B. import ( LightningElement—apt ) from 'lwc';
- C. import getOrders from @salesforc/apex/c.OrderController.getAvailablOrd#r»';
- D. import { LightningElement, wire } from 'lwc';

**Answer:** AD

#### NEW QUESTION 413

- (Exam Topic 3)

A developer is tasked with creating a Lightning web component that is responsive on various devices. which two components should help accomplish this goal? Choose 2 answers

- A. lightning-input-location
- B. lightning-navigation
- C. lightning-layout
- D. lightning-layout-item

**Answer:** CD

#### NEW QUESTION 418

- (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 421

- (Exam Topic 3)

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

What should a developer use to implement this?

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

**Answer:** D

#### NEW QUESTION 426

- (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 428

- (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 430



- (Exam Topic 3)

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

Caura: component implements="forcethaaRecordId, flexipage:availableForAllPageTypes">

<div>Hello!</div>

</aura:component>

How can the component's controller get the context of the Lightning page that the subject is an without requiring additional best coverage?

- A. Use the getObjectType () method in an Apex class
- B. Create a design attribute and configure via App Builder
- C. Set the object type as a component attribute.
- D. Add force:hasObjectName to the implements attribute

**Answer: D**

#### NEW QUESTION 433

- (Exam Topic 3)

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

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

**Answer: BDE**

#### NEW QUESTION 436

- (Exam Topic 3)

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

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

**Answer: C**

#### NEW QUESTION 441

- (Exam Topic 3)

A developer is writing a Jest for a Lightning web component that conditionally displays child components based on a user's checkbox selections.

What should the developer do to property test that the correct components display and hide for each scenario?

- A. Reset the DOM after each test with the after Each method.
- B. Add a teardown block to reset the DOM after each test.
- C. Create a new describe block for each test
- D. Create a new jsdom instance for each test

**Answer: C**

#### NEW QUESTION 445

- (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 SSQL 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 447

- (Exam Topic 3)

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

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

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

**Answer: A**



#### NEW QUESTION 450

- (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 455

- (Exam Topic 3)

There are user complaints about slow render times of a custom data table within a Visualforce page that loads thousands of Account records at once. What can a developer do to help alleviate such issues?

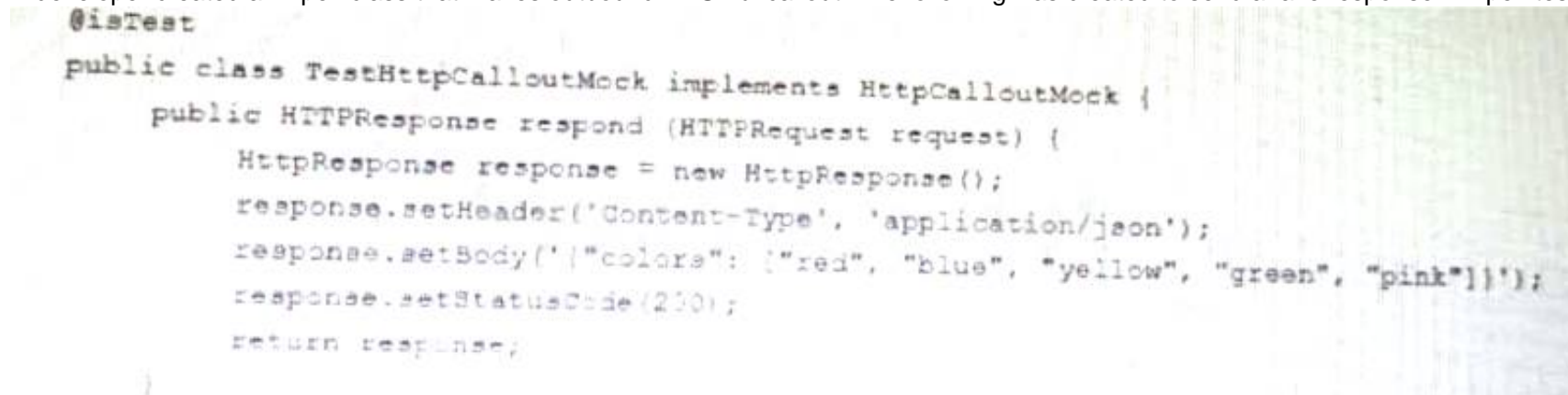
- A. Use the standard Account List controller and implement pagination.
- B. Use JavaScript remoting to query the accounts.
- C. Use the transient keyword in the Apex code when querying the Account records.
- D. Upload a third-party data table library as a static resource.

**Answer:** C

#### NEW QUESTION 458

- (Exam Topic 3)

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



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

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

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

**Answer:** A

#### NEW QUESTION 461

- (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 463

- (Exam Topic 3)

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

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

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

**Answer:** B

#### NEW QUESTION 466

- (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 467

- (Exam Topic 3)

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

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

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

**Answer:** AC

#### NEW QUESTION 470

- (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 471

- (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 474

- (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 477

- (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 481

- (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 whether sharing to expose the records

**Answer: C**

#### NEW QUESTION 482

- (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?

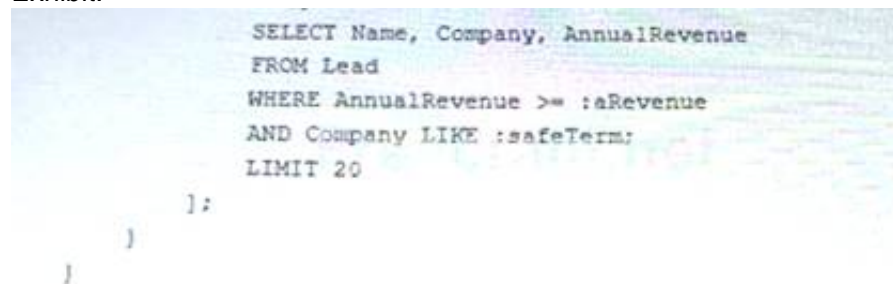
- A. Use a List Custom Setting to disable the trigger for the user who loads the data.
- B. Add a Validation Rule to the Contract to prevent Contract creation by the user who loads the data.
- C. Use a Hierarchy Custom Setting to skip executing the logic inside the trigger for the user who loads the 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 483

- (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 @AuraEnabled (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 486

- (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 488

- (Exam Topic 3)

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

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

**Answer:** B

#### NEW QUESTION 489

- (Exam Topic 3)

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

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

**Answer:** BD

#### NEW QUESTION 494

- (Exam Topic 3)

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

Consider the following code snippet:

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

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

**Answer:** C

#### NEW QUESTION 498

- (Exam Topic 3)

A developer created a class that implement 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 499

- (Exam Topic 3)

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

What can cause this problem?

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

**Answer:** B

#### NEW QUESTION 500

- (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 505

- (Exam Topic 3)

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

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

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

**Answer: A**

#### NEW QUESTION 506

- (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 509

- (Exam Topic 3)

A lead developer is creating tests for a Lightning web component. The component re-renders when a property called bypassSelection. changes its value.

What should the developer use to the test that the component re-renders successfully when the property changes?

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

**Answer: C**

#### NEW QUESTION 512

- (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 513

- (Exam Topic 3)

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

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

Why does the developer receive a runtime error?



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

**Answer:** B

#### NEW QUESTION 518

- (Exam Topic 3)

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

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

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

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

**Answer:** D

#### NEW QUESTION 519

- (Exam Topic 3)

A developer has a test class that creates test data before making a mock call-out, but now receives a you have uncommitted work pending. Please commit or callout before calling out error.

What step should be taken to resolve the error?

- A. Ensure both the insertion and mock callout occur after the Test.stopTest().
- B. Ensure the records are inserted before the Test.startTest() statement and the mock callout occurs within a method annotated with @testSetup.
- C. Ensure both the insertion and mock callout occur after the Test.startTest().
- D. Ensure the records are inserted before the Test.startTest() statement and the mock callout after the Test.startTest().

**Answer:** D

#### NEW QUESTION 524

- (Exam Topic 3)

Consider the code above.

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

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

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

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

Answer: A

NEW QUESTION 528

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