Jan-2025 Pass Salesforce DEX-450 Exam in First Attempt Easily [Q28-Q50
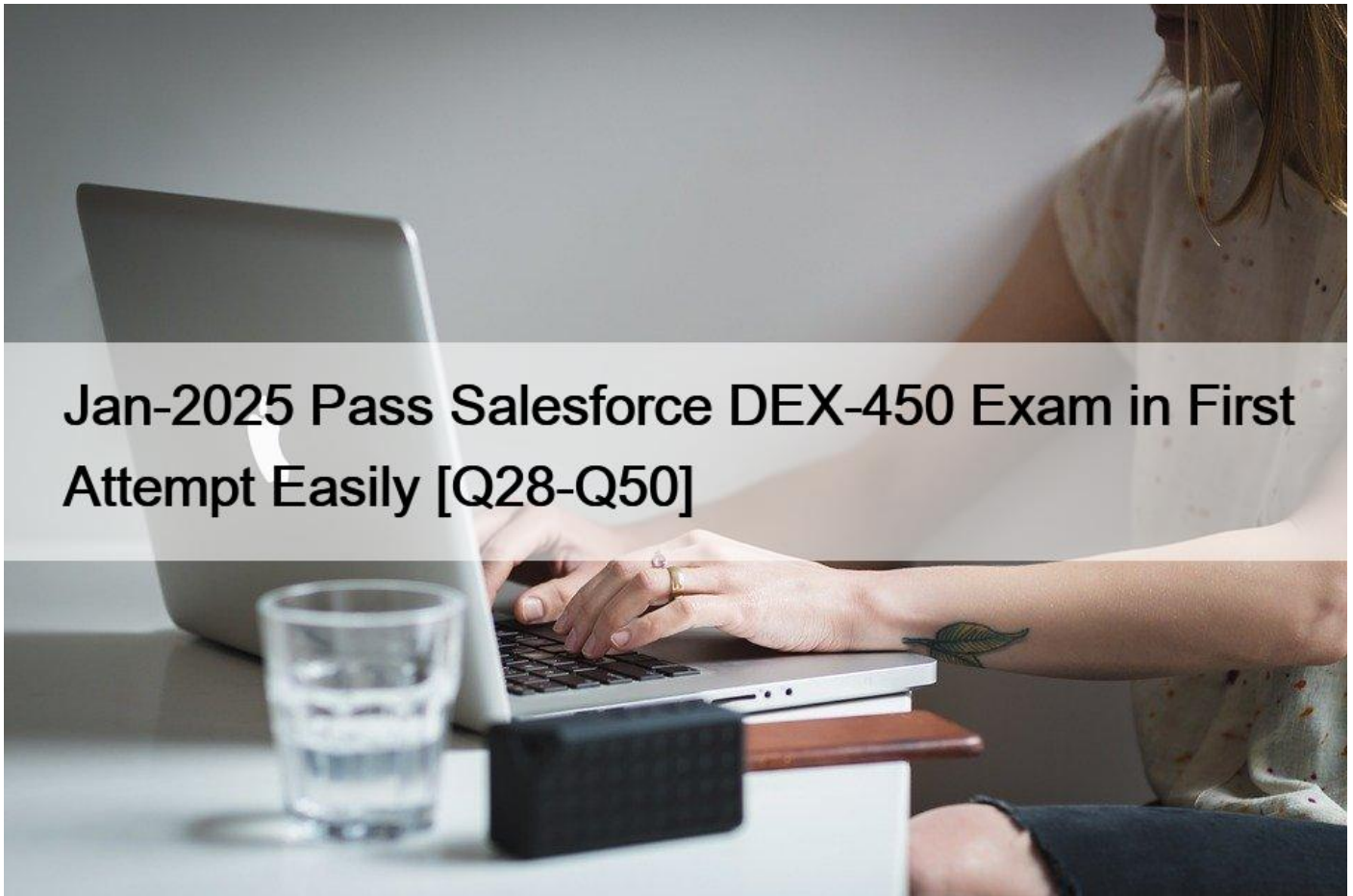

Jan-2025 Pass Salesforce DEX-450 Exam in First Attempt Easily

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Salesforce DEX-450 exam covers a wide range of topics related to programmatic development using Apex and Visualforce in Lightning Experience. Some of the topics covered in the exam include Apex classes and triggers, Visualforce pages and components, Lightning Component Framework, and Salesforce Object Query Language (SOQL). DEX-450 exam also covers topics such as debugging and testing Apex code, managing data with Apex, and managing the user interface with Visualforce.

Q28. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles.

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

Choose 2 answers
* SFDX CLI
* Developer Console
* Change Sets

* Ant Migration Tool

Q29. A developer is asked to create a PDF quote document formatted using the company’s branding guidelines, and automatically save it to the Opportunity record.

Which two ways should a developer create this functionality? (Choose two.)
* Install an application from the AppExchange to generate documents.
* Create a Visualforce page with custom styling.
* Create an email template and use it in Process Builder.
* Create a visual flow that implements the company’s formatting.

Q30. A developer is tasked with building a custom Lightning web component to collect Contact information.

The form will be shared among many different types of users in the org. There are security requirements that only certain fields should be edited and viewed by certain groups of users.

What should the developer use in their Lightning Web Component to support the security requirements?
* force-input-field
* ui-input-field
* aura-input-field
* lightning-input-field

Q31. Which three options can be accomplished with formula fields? (Choose three.)
* Generate a link using the HYPERLINK function to a specific record.
* Display the previous value for a field using the PRIORVALUE function.
* Determine if a datetime field value has passed using the NOW function.
* Return and display a field value from another object using the VLOOKUP function.
* Determine which of three different images to display using the IF function.

Q32. What is a benefit of using an after insert trigger over using a before insert trigger?
* An after insert trigger allows a developer to bypass validation rules when updating fields on the new record.
* An after insert trigger allows a developer to insert other objects that reference the new record.
* An after insert trigger allows a developer to make a callout to an external service.
* An after insert trigger allows a developer to modify fields in the new record without a query.

Q33. A development team wants to use a deployment script to automatically deploy to a sandbox during their development cycles. Which tool should they use to deploy to the sandbox?
* Change Sets
* VSCode
* Ant Migration Tool
* Developer Console

Q34. A developer creates a Lightning web component that imports a method within an Apex class. When a Validate button is pressed, the method runs to execute complex validations.

In this implementation scenario, which two options are.. of the Controller according to the MVC architecture?

Choose 2 answers
* HTML file
* Apex class

* JavaScript file
* XML file

Q35. Which three tools can deploy metadata to production? (Choose three.)
* Change Set from Developer Org
* Force.com IDE
* Data Loader
* Change Set from Sandbox
* Metadata API

Q36. Universal Containers implemented a private sharing model for the Account object. A custom Account search tool was developed with Apex to help sales representatives find accounts that match multiple criteria they specify. Since its release, users of the tool report they can see Accounts they do not own. What should the developer use to enforce sharing permission for the currently logged-in user while using the custom search tool?
* Use the schema describe calls to determine if the logged-in users has access to the Account object.
* Use the without sharing keyword on the class declaration.
* Use the UserInfo Apex class to filter all SOQL queries to returned records owned by the logged-in user.
* Use the with sharing keyword on the class declaration.
Use the with sharing keyword on the class declaration. The with sharing keyword ensures that the Apex code respects the object-level, field-level, and record-level sharing settings for the user who is running the Apex code. This means that the code will only return records that the user has access to, according to their Sharing Settings. You can find more information about the with sharin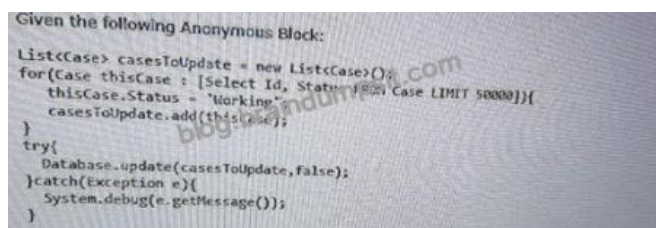g keyword in the official Salesforce documentation (https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_keywords_sharing.htm).

Q37. What is the result of the following code snippet?
* 201 Accounts are inserted.
* 200 Accounts are inserted.
* 0 Accounts are inserted.
* 1 Account is inserted.

Q38. Which one do you like?

What should a developer consider for an environment that has over 10,000 Case records?

```
Given the following Anonymous Block:
List<Case> casesToUpdate = new List<Case>();
for(Case thisCase : [Select Id, Status from Case LIMIT 50000]){
    thisCase.Status = 'Working';
    casesToUpdate.add(thisCase);
}
try{
    Database.update(casesToUpdate,false);
}catch(Exception e){
    System.debug(e.getMessage());
}
```

* The transaction will fail due to exceeding the governor limit.
* The try/catch block will handle any DML exceptions thrown.
* The transaction will succeed and changes will be committed.
* The try/catch block will handle exceptions thrown by governor limits.

Q39. A developer Is Integrating with a legacy on-premise SQL database.

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

* Lookup field
* External ID field
* Formula field
* External Object

Q40. What is the value of the Trigger.old context variable in a before insert trigger?
* A list of newly created sObjects without IDs
* null
* Undefined
* An empty list of sObjects

Q41. Universal Containers decides to use exclusively declarative development to build out a new Salesforce application. Which three options should be used to build out the database layer for the application? Choose 3 answers
* Roll-Up Summaries
* Triggers
* Relationships
* Flow
* Custom Objects and Fields

Q42. A developer needs to include a Visualforce page in the detail section of a page layout for the Account object, but does not see the page as an available option in the Page Layout Editor. Which attribute must the developer include in the <apex:page> tag to ensure the Visualforce page can be embedded in a page layout?
* Action=”AccountId”
* StandardController=”Account”
* Extensions=”AccountController”
* Controller=”Account”

Q43. A developer uses a loop to check each Contact in a list. When a Contact with the Title of

“Boss” is found, the Apex method should jump to the first line of code outside of the for loop.

Which Apex solution will let the developer implement this requirement?
* break;
* Continue
* Next
* Exit

Q44. A developer created these three Rollup Summary fields in the custom object, Project__c:

```
Total_Timesheets__c
Total_Approved_Timesheets__c
Total_Rejected_Timesheet__c
```

The developer is asked to create a new field that shows the ratio between rejected and approved timesheets for a given project.

Which should the developer use to implement the business requirement in order to minimize maintenance overhead?
* Record-triggered flow

* Formula field
* Apex trigger
* Field Update actions

Q45. Which two statements are true about Apex code executed in Anonymous Blocks? Choose 2 answers
* Successful DML operations are automatically committed
* All DML operations are automatically rolled back
* The code runs with the permissions of the user specified in the runAs() statement
* The code runs with the permissions of the logged user.
* The code runs in system mode having access to all objects and fields.

Q46. A developer must modify the following code snippet to prevent the number of SOQL queries issued from exceeding the platform governor limit. public class without sharing OpportunityService(public static List<OpportunityLineItem> getOpportunityProducts(Set<Id> opportunityIds){ List<OpportunitylineItem> oppLineItems = new List<OpportunityLineItem>(); for(Id thisOppId : opportunityIds){ oppLineItems.addAll([Select Id FROM OpportunityLineItems WHERE OpportunityId = :thisOppId)]; } return oppLineItems; } } The above method might be called during a trigger execution via a Lightning component. Which technique should be implemented to avoid reaching the governor limit?
* Use the System.Limits.getQueries() method to ensure the number of queries is less than 100.
* Use the System.Limits.getlimitQueries() method to ensure the number of queries is less than 100.
* Refector the code above to perform the SOQL query only if the Set of opportunityIds contains less 100 Ids.
* Refactor the code above to perform only one SOQL query, filtering by the Set of opportunityIds.

Q47. A developer created a trigger on the Account object and wants to test if the trigger is properly bulkified. The developer team decided that the trigger should be tested with 200 account records with unique names.

What two things should be done to create the test data within the unit test with the least amount of code?

Choose 2 answers
* Use Test.loadData to populate data in your test methods.
* Create a static resource containing test data.
* Use the @isTest (isParallel=true) annotation in the test class.
* Use the @isTest (seeAllData=true) annotation in the test class.
To test the trigger with 200 account records with unique names using the least amount of code:

Option A: Use Test.loadData to populate data in your test methods.

Reference:

“Test.loadData lets you populate test records by loading the contents of a CSV file into sObjects for use in test methods.”

– Apex Developer Guide: Using Test.loadData

Option B: Create a static resource containing test data.

“Create a static resource that contains the .csv file for the records you want to load.”

– Apex Developer Guide: Loading Test Data from Static Resources

Why Other Options Are Incorrect:

Option C: The @isTest(isParallel=true) annotation is used to run tests in parallel but does not help in creating test data.

Option D: Using @isTest(seeAllData=true) allows access to existing org data, which is not recommended and does not help create unique test data with minimal code.

Q48. Which statement should a developer avoid using inside procedural loops? (Choose 2)

* System.debug(‘Amount of CPU time (in ms) used so far: ‘ + Limits.getCpuTime());

* List contacts = [SELECT Id, Salutation, FirstName, LastName, Email FROM Contact WHERE AccountId = :a.Id];

* If(o.accountId == a.id)

* Update contactList;

Q49. Consider the following code snippet for a Visualforce page that is launched using a Custom Button on the Account detail page layout.

```
<apex:page standardController="Account">
    <!-- additional UI elements -->
    <apex:commandButton action="{!save}" value="Save"/>
</apex:page>
```

When the Save button is pressed the developer must perform a complex validation that involves multiple objects and, upon success, redirect the user to another Visualforce page.

What can the developer use to meet this business requirement?

* Apex

* trigger

* Controller

* extension

Q50. A developer is debugging the following code to determinate why Accounts are not being created Account a = new Account(Name = ‘A’); Database.insert(a, false); How should the code be altered to help debug the issue?

* Add a System.debug() statement before the insert method

* Add a try/catch around the insert method

* Set the second insert method parameter to TRUE

* Collect the insert method return value a Saveresult variable

Salesforce DEX-450 exam covers a wide range of topics, including Apex classes and triggers, Visualforce pages and components, Lightning Components, data modeling, and testing. Candidates are expected to have a deep understanding of the Apex programming language and its syntax, as well as the Salesforce data model and how to work with it programmatically. They should also be proficient in using the Salesforce development tools, such as the Apex Data Loader and the Developer Console.

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