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| **Q.1. A Salesforce developer created a Contact validation rule so that the Email field cannot contain "abc.com." There is an active workflow rule that updates the Email field of a contact record to "test@abc.com" if the contact's First Name field contains the word "Test." A customer tries to create a Contact record with the first name "Test Contact" and the email "test@test.com." What behaviour will be observed?** A. The customer will receive a system error message. **B. The contact record will be created with the email address "test@abc.com."** C. The customer will receive a validation error message. D. The contact record will be created with the email address [test@test.com](mailto:test@test.com). |
| **Q.2. A developer would like to use jQuery in a Visualforce page. Which markup can be used to load the library on the page?** A <apexzinclude value="{ !$Resource.jQuery}" **B <apexzincludeScript value="{ !$Resource.jQuery }** C <apex: script value="{ l$Resource.jQuery} D <apexzincludeJS value="{ !$Resource.jQuery} – Wrong. No tag exists as such |
| **Q.3. What is the <apex:actionSupport> tag used for in Visualforce pages?** A. To provide help and support content for buttons and links. B. To trigger a second action when a button or link is clicked. **C. To trigger controller actions in response to DOM element events.** D. To create a Javascript function that can trigger a controller action |
| **Q.4. A developer has created the following trigger:** **trigger ProcessDoNotCall on Contact (after update) List<Contact> lstCon = [SELECT Id, DoNotCall, Department FROM Contact WHERE Department = 'HR' AND Id IN :Trigger.new]; for(Contact c : lstCon) c.DoNotCall= true; update lstCon; The developer executes the following code anonymously in the Developer Console. Assume that the record exists in Salesforce. Contact con = new Contact(Id='003oOOOOOOVHXOm',Department = 'HR') update con; Which behavior will the developer observe?** **A. The code will throw an exception because the maximum trigger depth has been exceeded.** B. The code will throw an exception, saying that the record cannot be updated in an After Update trigger. C. The code will throw an exception in Anonymous Apex, indicating that the Id field is read-only. [ Not correct ] D. The contact record will be saved and the contact record's DoNotCall field will be set to true. |
| **Q.5. A developer has written a Visualforce page to create a new account with the following markup: <apex:inputfield value="{!newAccount.website}"/> The Visualforce page has extra logic for validating the website field. How can the developer add an error message next to the website field if the submitted value isn't valid?** A. Use Account . fields .website . addError (message) B. Use throw new SObj ectException(message). **C. Use Account . website . addError (message)** D. Use ApexPages . addMessage (message) |
| **Q.6. A developer has created an Order entry page that includes an <apex:outputLabel> tag for a field label. How can the developer ensure that the label text changes when the field label changes?** A. Use FieldSetMember methods to control label text. **B. Use the SObjectType variable to control label text.** C. Use a custom label to manage the label text. D. Use the metadata API to update the label text. |
| **Q.7. A developer has created a Batchable class that inserts Accounts. The Batchable class is running with a batch size of 200, and is getting an error. The developer identifies the following code as problematic. trigger AccountTrigger on Account(after insert) for( Account a : Trigger.new AccountHandler.insertPartnerAccount(a);  public Class AccountHandler{ @future public static void insertPartnerAccount(Account a){ perform processing if( a.Is\_Partner\_\_c) Account partnerAccount = new Account(); set values insert partnerAccount; } } What governor limit or system limitation is the developer most likely violating?** A. Too many DML statements in the batch execution context. B. Maximum trigger depth exceeded on the Account insert. C. Too many future calls in the batch execution context. **D. Future method cannot be called from a batch method.** |
| **Q.8. A developer needs to write tests to ensure that code doesn't fail when it is deployed to a different organization. The developer also must ensure that the code works properly with organization sharing rules and ensure that the code mitigates errors due to limits. How can the developer meet these requirements? Choose 2 answers** A. Create all test data before calling the Test. startTest () and Test .stopTest () methods. B. Handle all exceptions that are caught by adding an empty catch ( Exception e) statement. C. Use SeeAllData=true to avoid delaying tests due to creating test data. D. Use the runAs ( ) method to test the application in different user contexts. |
| **Q.9. What is a controller value that will NOT be saved in the viewstate of a Visualforce page? Choose 3 answers** **A. variable declared with the Transient keyword.** B. A variable of a type that is a collection of SObjects. **C. A system-generated object such as a Schema Describe object. D. A variable declared with the Static keyword.** E. A variable of a type that is a custom Apex class. |
| **Q.10. A developer must create a way for external partners to submit millions of leads into Salesforce per day. How should the developer meet this requirement?** A. Create a web service on Heroku that uses Heroku Connect. B. Publicly expose a Visualforce page via Force.com Sites. C. Publicly expose an Apex Web Service via Force.com Sites. D. Host a Web-to-Lead form on the company website. |
| **Q.11. A developer created a Visualforce page that has a custom controller that navigates to an external website after the' command button is pressed. What is the recommended way to test this functionality? [ not sure ]** A. Use .getURLU on the result of the action method and System.assertEquals () to compare the resulting URL. **B. ‘ Use ApexPages.currentPage () .getUrl () and System.assertElquals () to compare the end URL.** C. ‘ Use Test.getCurrentPage() .getUrl () and System.assertEquals () to compare the end URL. D. Test the navigation by executing the use case through the browser and manually inspecting the resulting URL |
| **Q.12. An Apex test method is testing a Visualforce page's controller, which queries for all Opportunities in Salesforce with StageName = 'Closed'. There are 10,000 existing records that match the criteria. What is the best practice for accessing data in the test method?** A. Create test data in the test method and use seeAllData=true. B. Query existing data in the test method and use seeAllData=true. **C. Create test data in the test method and use seeAllData=false.** D. Use @testVisible on the relevant property of the controller |
| **Q.13. In an Apex custom controller, how should a developer ensure that the current user has the relevant create and update' permissions for a particular object type?** **A. Call methods on the appropriate DescribeSObjectResult instance.** B. Query the user's profile record and check what permissions the user has. C. Do nothing because the platform enforces CRUD permissions based on profiles. D. Add the with sharing keywords to the controller class definition. |
| **Q.14. What is the output of the following code snippet? l Contact con = new Contact( LastName = 'JOHNSON', LeadSource = 'Web') 2 3 Savepoint sp = Database.setSavepoint(); 4 insert con; 5 Database.rollback(sp); 6 7 con.LeadSource = 'Email' 8 insert con;** A. A runtime error will be thrown on line 5. B. The contact record will be inserted with Leadsource value Web. C. A runtime error will be thrown on line 8.D. The contact record will be inserted with Leadsource value Email. |
| **Q.15. To reduce the amount of time needed to write test coverage, a developer wants to use a spreadsheet uploaded as a Static Resource to supply test data in a test method. What code can the developer use to accomplish this?** A. List<sObj ect> testAccounts = (Listhcount>) [Select Id, Body from StaticResource Where Name = testAccounts **B. List<sObject> testAccounts = Test . loadData (Account. sObjectType, ' testAccounts’);** C. List<sObject> testAccounts = Test . loadData (Account . sObjectType, SResource. testAccounts) D. List<sObj ect> testAccounts = Test . loadData( [Select Id, Body from StaticResource Where Name =testAccounts |
| **Q.16. What is the top-level namespace that provides the ability to use Chatter in Apex?** A,. RestApi B. ChatterApi C. FeedApi **D. ConnectApi** |
| **Q.17. What type of request and payload format can be received by a static method in a global Apex class that uses the webService keyword?** A. REST/JSON B. SOAP/XML and SOAP/JSON C. SOAP/XML and REST/JSON **D. SOAP/XML** |
| **Q.18. Which object should be used to access sharing programmatically on an object named Equipment-c?** A. Equipment\_Share\_c B. Equipment-c C. Equipment\_c\_share **D. Equipment\_\_Share** |
| **Q.19. A company has 20,000 rows in the Account object and 2 million rows in the Sales\_Data\_c object that is related to Account. All of the records in the Sales\_Data\_c object have a field that contains the string 'Le.‘ Which statement will throw a "Too many query rows" exception? Choose 2 answers** **A. List<List<SObject>> result= [FIND 'Le' IN ALL FIELDS RETURNING Sales\_Data\_c(Id)]; B. List<Account> result = [SELECT Id, (SELECT Id FROM Sales\_Data\_r) FROM Account]** C. List<sObject> result = Database.query('SELECT Id FROM Sales\_Data\_c LIMIT 50000'); D. List<AggregateResult> result = [SELECT count(Id) total FROM Sales\_Data\_c]; |
| **Q.20. What should a developer do to invoke a SOAP web service from Apex? Choose 2 answers** A. Invoke the web service from a trigger. **B. Generate an Apex class from the WSDL.** C. Annotate the method With @future (callout=true) **D. Configure the remote site settings.** |
| **Q.21. A user updates a number field on a record from the value of 1 to 2, and a workflow rule executes, incrementing the value to 3. Which statement is true regarding writing triggers in this case? \*\*\* Choose 2 answers** A. Workflow rules will execute before triggers. **B. Triggers will execute before and after workflow rules.** C. Trigger.old will contain the user entered value of 2. **D. Trigger.old will contain the initial value of 1.** |
| **Q.22. Trigger on Contact ensures that whenever a Contact's custom field "User Level" is given the value "President," the related Community User's Role is updated as Manager. The Apex unit test method for testing this functionality is failing for a mixed DML error. What is one way that this problem can be solved?** A. Query the user roles before the test method's startTest () statement. B. Create test data for the roles before startTest 0. C. Put the update of contact event inside startTest() and stopTest(). **D. Use a System. runAs () block to update the contact.** |
| **Q.23. A developer needs to compile a list of 105 for all Accounts and Opportunities that have the word "Acme" in their name' and are created today. Which statement provides the developer with the 105?** A.FIND ""Acme"" IN NAME FIELDS RETURNING Account (Id), Opportunity (Id) WHERE CreatedDate TODAY B. SELECT Id, AccountId FROM Opportunity WHERE CreatedDate = TODAY AND ( Name LIKE '%Acme’a' Account.Name LIKE '%Acme%' C. SELECT Id, ( SELECT Id FROM Opportunities WHERE CreatedDate = TODAY ) FROM Account WHERE “ CreatedDate = TODAY AND Name LIKE '%Acme%' **D.FIND ""Acme‘“ IN NAME FIELDS RETURNING Account (Id WHERE CreatedDate = TODAY), Opportunity (Id WHERE CreatedDate = TODAY)** |
| **Q.24. What is the potential exception that can be thrown from this SOQL query: Account a = [SELECT Id, (SELECT Id FROM Contacts) FROM Account] Choose 2 answers** **A. QueryException if no records are returned.** **B. QueryException if more than one record is returned.** C. TypeException if a Contact is returned as part of the query. D. NullPointerException if no records are returned. |
| **Q.25. What field type can be used in the WHERE clause to improve SOQL query performance? Choose 3 answers** A. Email fields **B. Name fields** C. Telephone fields **D. Lookup fields E. External Id fields** |
| **Q.26. A developer needs to design a custom object that will be integrated into a back-end system. What should the developer do to ensure good data quality and to ensure that data imports, integrations, and searches perform well? Choose 2 answers** A. Configure a custom field as indexed. B. Configure a custom field as Salesforce ID. **C. Configure a custom field as unique. D. Configure a custom field as external ID.** |
| **Q.27. A developer has been asked to prevent Accounts from being deleted if there is a related Contact that has the Do\_Not\_Delete\_c checkbox checked. How can the developer accomplish this?** A. Create a Validation Rule on the Contact object. **B. Create a Before Delete Trigger on the Account object.** C. Create a Validation Rule on the Account object. D. Create a Before Delete Trigger on the Contact object. |
| **Q.28. What is the recommended approach to create test data when testing Apex that involves Pricebooks, PricebookEntries, and Products?** A. Insert a new standard Pricebook record within your Test Method so that it can be used with other test records. **B Use the Test.getStandardPricebookId() method to get the Id of the standard Pricebook so that it can be used with other test records.** C. Use the isTest (SeeAllDataFtrue) annotation on Test Methods that require access to the standard Pricebook. D .A Use the isTest (SeeAllData=true) annotation on the entire Test Class to allow your Test Methods access to the standard Pricebook. |
| **Q.29. A developer has refactored an application and renamed an Apex class in a sandbox and now needs to deploy the changes to production. How can this be accomplished? Choose 2 answers** **A. Deploy the new Apex class with the Force.com Migration Tool and set the old name in destructiveChanges.xml.** B. Use a changeset to both delete the old Apex class and deploy the new Apex class to production. C. Deploy the new Apex class, and then log in to the production environment and manually delete the class. **D. Use the Force.com IDE to delete the old Apex class from the project and deploy the changes to production.** |
| **Q.30. What can the Apex Continuation class be used for?** A. Chaining multiple Queueable Apex jobs to be processed one after another. **B. Making asynchronous callouts to SOAP or REST Web Services from Visualforce.** C. Maintaining an Apex transaction across multiple DML statements. D. Progressing records to the next stage of an approval process in Apex. |
| **Q.31. What is the output of the following code snippet? l Contact con = new Contact( LastName = 'Smith', Department = 'Admin') 2 insert con; 3 4 Savepoint sp\_finance = Database.set5avepoint(); 5 con.Department = 'finance'; 6 update con; 7 8 SavepOLnt sp\_hr = Database.set5avepo1nt(); 9 con.Department = 'HR'; 10 update con; 11 12 Database.rollback(3p\_flnance); l3 Database.rollback(3p\_hr);** A. The contact record will be saved ME department value HR. B. A runtime error will be thrown on line 12. **C. A runtime error will be thrown on line 13.** D. The contact record will be saved with department value Finance. |
| **Q.32. Where in Apex execution can a callout be made? Choose 2 answers** A. trigger context. **B. In @future context. C. After SOQL queries.** D. After DML operations |
| **Q.33. A developer needs to create a Visualforce page to override the standard New Contact Button. The page contains a field of for capturing the Contact's daytime preferred Phone number. The user has the option to select one of the four available phone types (Mobile, Home, Work, or Other) to be the primary contact number. Only if the "Other" Phone Type option is selected, the page must display a text box for the User to provide the other Phone number. How can this requirement be met? Choose 2 answers A- Use the rendered attribure on the Other Phone Input text field to control its selective display.** B. Use the apex:rendered tag to enclose the Other Phone input text field to control its selective display. **C. Use the rerender attribute on the Phone Type select Iist's apex:actionsupport to refresh the Other Phone text field.** D. Use apex:actionsupport tag to enclose the Phone Type select list to refresh the Other Phone text field. |
| **Q.34. What is a limitation of compound fields?** A. Are read-only unless accessed by Location and Address Apex classes. **B. Can only be updated through individual field components.** C. Are read-only when accessed through Visualforce pages. D. Cannot be queried through the use of Apex classes. |
| **Q.35. What is the most efficient way in Visualforce to show information based on data filters defined by an end-user for a large volume of data?** A. Use an Apex controller to refine raw data based on data filters and store the result in a transient variable. B. Use an Apex controller to refine raw data based on data filters and store the result in a snauc variable. C. Use the rendered condition in Visualforce to limit data based on data filters. **D. Use filter conditions in a SOQL query to limit data based on data filters.** |
| **Q.36. How can Apex class functionality be exposed for invocation from a Lightning process? Choose 2 answers** A. Expose the class as a custom REST API. **B. Use the @InvocableMethod annotation.** C. Extend the ProcessInvocable base class. **D. Implement the Process.Plugin interface.** |
| **Q.37. What log category should be used to see the limits in the Execution Overview of the Developer Console?\*\*** A. System **B. Profiling** C. Apex Code D. Database |
| **Q.38. 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 ui : outputText tag to display errors. B. Use the apex:Message tag to display errors. C. Use the aura:component tag to display errors. **D. Use the ui:inputDefaultError tag to display errors.**   1. Ui:outputText 2. Apex:message 3. Aura:component 4. Lightning:namespace |
| **Q.39. A company exposes a REST web service and wants to establish two-way SSL between Salesforce and the REST web service. A certificate signed by an appropriate certificate authority has been provided to the developer. What modification is necessary on the Salesforce side? Choose 2 answers** A. Create an entry for the certificate in Certificate and Key Management. B. Configure two-factor authentication with the provided certificate. c. Update the code to use HttpRequest.setHeader() to set an Authorization header. D. Update the code to use HttpRequest . setClientCertificateName |
| **Q.40. A developer has created a Visualforce page that uses a third-party JavaScript framework. The developer has decided to supply data to the JavaScript functions using JavaScript Remoting for Apex Controllers. What is the correct syntax to declare a remote method in Apex? Choose 2 answers** A. @RemoteAction public static String getTable() B. @RemoteAction global String getTable() C. @RemoteAction global static String getTable() D.@Remoteobject ' global static String gettable |
| **Q.41. What does the System. runAs () method enforce based on the target user?** A. Object CRUD permissions **B. Record sharing** C. Field-level permissions D. License limits |
| **Q.42. Which statement is true about scheduled Apex? Choose 3 answers A. The schedule of an Active scheduled Apex class cannot be updated through the Salesforce User Interface. B. Scheduled Apex is executed only when system resources are available. C. Scheduled Apex only supports asynchronous callouts through the use of @future methods and Apex Batches.** D. Scheduled Apex classes can only be defined by extending the Schedule base class. E. There is no limit on Scheduled Apex jobs because they are executed asynchronously |
| **Q.43. What is a benefit of using list custom settings?** A. Ability to include more field type options than custom objects. B. Ability to control sharing and visibility of custom setting data. **C. Ability to provide more efficient access than custom objects.** D. Ability to delegate administrator rights to standard users. |
| **Q.44. A developer has created a solution using the SOAP API for authenticating Communities users. What is needed when issuing the login()Call? Choose 2 answers** A. Organization Id B. Security Token C. Session Id D. Username and Password |
| **Q.45. Which statement is true about Apex web service methods? Choose 3 answers A. Web service methods can be exposed having a custom Apex class as parameter datatype.** B. Web service methods can be overloaded with methods of the same name in the same class. **C. Web service methods can only be added to Apex classes that are declared global.** D. Web service methods can only be added to Apex triggers that are declared global. **E. Web service methods cannot be deprecated in managed package code.** |
| **Q.46. A developer has created a Visualforce page for inputting data and needs to display errors at the field level. What tag should the developer use?** A, <apexes :messages> B. <apexzpageMessages> **C. <apex:message>** D\_<apex:pageMessage> |
| **Q.47. 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 2 answers A. Use OFFSET in SOQL queries. B. Use LIMIT 50 in SOQL queries.** C. Use a StandardSetController. D. Use CURSOR 50 in SOQL queries. |
| **Q.48. Given the following code sample, what is a potential issue regarding bulk processing of records? trigger accountTestTrggr on Account (before insert, before update) Account acct = Trigger.new[0]; List <Contact> contacts = new List <Contact> ([select id, salutation, firstname, lastname, email from Contact where accountId = :acct.Id]); for (Contact con: contacts) con.Title = 'Not Selected'; update contacts;** A. The code will not execute because the record in the list can be null and cause an exception. **B. The code will process one record that is called explicitly per execution.** C. The code will not execute because the list can be null and cause an exception. D. The code will have to be invoked multiple times to process all the records. |
| **Q.49. How could a developer create a Visualforce page for a multi-language organization? Choose 2 answers** A. Use <apex:pageMessages> by default to support translation workbench. B. Use custom labels to display validation rule errors in the current user's language. **C. Use custom labels to display text in the current user's language. D. Use the language attribute of <apex:page> to support translation workbench.** |
| **Q.50. Which object can a developer use to programmatically determine who is following a specific User record in Chatter? A. EntitySubscription** B. FollowHistory C. FollowSubscription D. Entityfiistory |
| **Q.51. What is the value of "i" printed by the System.debug statement, if the value of "j" is 2 at the end of the transaction? insert new Account[]{new Account(Name = 'yyy'), new Account(Name = 'yyy')}; integer i = 0; integer j; for (Account[] tmp : [SELECT Id FROM Account WHERE Name = 'yyy']) j=tmp.size(); i++; System.debug(i);** A.0 B.2, **C. 1** D. 3 |
| **Q.52. What is a technique to maximize code re-use within Visualforce pages? Choose 3 answers A. Referencing an existing page With (apex: include). B. Creating Visualforce Templates With <apex:composition>.** C. Defining reusable page regions with <apex:actionRegion>. D. Creating reusable page sections with <apex:pageBlockSection>. **E. Creating reusable Visualforce Components with <apex:component>.** |
| **Q.53. What is a limitation of a "getxxx" method (for example, getName) in a custom Visualforce controller?** A. The method cannot return SObjects. **B. The method cannot use DML operations.** C. The method cannot return Apex classes. D. The method cannot use SOSL queries. |
| **Q.54. A company requires that a child custom record is created when an Order record is inserted. The company's administrator must be able to make changes to the solution. What is the recommended solution for implementing this requirement? A. Create a Visual Workflow that will create the custom child record when the Order is inserted.** B. Create a Force.com Workflow Rule to create the custom child record when the Order is inserted. C. Create an Apex Trigger to create the custom child record when the Order is inserted. D. Create a Lightning Process to create the custom child record when the Order is inserted**.** |
| **Q.55. A developer must create a custom pagination solution. Users will access the solution on a mobile device and will rarely access subsequent pages of records. Performance is crucial. Which approach is optimal?** A. Use OFFSET CURSOR in SOQL queries. B. Use a StandardSetController. C. Use @Cache annotation in the controller. **D. Use OFFSET in SOQL queries.** |
| **Q.56. When should a developer use the transient keyword? Choose 2 answers** A. To declare an Apex variable as type-less when developing with dynamic Apex. B. To prevent Apex interface definitions being included in the Apex-based partner WSDL. **C. To prevent Apex controller variables being sent to the Visualforce page as view state. D. To exclude Apex class variables from getting serialized if they are in a serializable class** |
| **Q.57. A company requires all internal users to submit a Case for adding a new Account in Salesforce. The case record captures all the data required to create an Account. The case approval process is a manual process. When a case is approved, an Account record should automatically be created based on the case details. What is the recommended solution?[Not Sure]** A. Configure a custom button on the Case page to update the Case Status and insert a new Account record. **B. Develop an After Update trigger on Case to create an Account record based on Case Status.** C. Develop a Before Update trigger on Case to create an Account record based on Case Status. D. Develop a Lightning Process to create an Account Record when the Case status becomes Approved. |
| **Q.58. Which tool in the Developer Console can a developer use to monitor the cardinality and the cost of a SOQL query?** A. View State tab **B. Query Plan Tool** C. Audit Log D. Query Activity Tool |
| **Q.59. Which two objects can be inserted in the same transaction? \*\*\* Choose 2 answers** A. Account and Group **B. Case and CaseComment** C. Opportunity and User **D. Account and AccountShare** |
| **Q.60. A Visualforce page controller calls an external web service to get a list of records and display them on the page. The external web service has a complex backend and generally takes a long time to return results, causing timeouts. What can be done to avoid timeouts and display the results without any errors?[Not Sure]** A. Use the setTimeout () method on the HttpRequest to increase the timeout of the callout. **B. Create a callback method and create an instance of a Continuation object in an action method.** C. Implement the Batchable interface to perform the callout and capture the response in the batch job. D. Use the <apex:actionPoller> tag and keep polling to check the status of the response in the controller. |
| **Q.61. A developer is writing a complex application involving triggers, workflow rules, Apex classes, and processes. The developer needs to carefully consider the order of execution when developing the application. In what order do the following operations execute?  1. before Triggers 2. after Triggers 3. Post commit logic such as sending email 4. DML committed to the database 5. Workflow rules 6. Roll-up summary calculations** **A. 1,2,5,6,4,3** B. 1, 5, 6, 2, 4, 3 c. 1, 2, 4, 5,6, 3 D. 1, 6,5,2,4,3 | |
| **Q.62. A developer has been asked to create code that will meet the following requirements: Receives input of: Map<Id, Project-c), List<Account> Performs a potentially long-running callout to an outside web service Provides a way to confirm that the process executed successfully Which asynchronous feature should be used?**  A. @future (callout=true) B. Database.AllowsCallouts interface C. Schedulable interface **D. Queueable interface** | |
| **Q.63. A developer wants to retrieve and deploy metadata, perform simple CSV export of query results, and debug Apex REST calls by viewing JSON responses. Which tool should the developer use?**  A. C Developer Console B. O Force.com Migration Tool **C. O Workbench** D. O Force.com IDE | |
| **Q.64. What is a best practice when unit testing a controller? Choose 2 answers A. Simulate user interaction by leveraging Test.setMock().** B. Verify correct page references by using getURLUC. Access test data by using seeAllData=true. **D. Set query parameters by using getParameters () .put** | |
| **Q.65. What Visualforce tag can be used to display custom messages in pages using the Salesforce UI styling for errors, warnings, and other types of messages?** A. <apex: customMessage B. <apex:error> C- <apex:message> **D. <apex:pageMessage>** | |
| **Q.66. A developer has created a Team Member sObject that has a Master-Detail relationship to a Project sObject and a Lookup relationship to the User sObject. The developer must ensure that a User listed on a Team Member record has Read-Write access to the parent Project record. How can the developer accomplish this if the Project sObject has a Private sharing model and thousands of Project records?** A. Create a Controller that uses the Without Sharing keyword. B. Create a Criteria-Based Sharing Rule on the Project sObject. **C. Create a Team Member Trigger that inserts Project\_Share records.** D. Create a Project Sharing Rule that shares to the Team Member Group | |
| **Q.67. Given the following code, what value Will be output in the logs by line #8? 1 Contact con = new Contact( LastName = 'Smith', Department = 'Admin') 2 insert con; 3 Contact insertedContact=[select Name from Contact where id=zcon.Id]; 4 Savepoint sp\_admin = Database.setSavepoint(); 5 con.Department = 'HR'; D} 6 update con; 7 Database.rollback(sp\_admin); 8 console.log(Limits.getDmlStatements());**  A. 5 B.3 **C.4** D.2 | |
| **Q.68. What is a recommended practice with regard to the Apex CPU limit? Choose 2 answers** A. Optimize SOQL query performance. **B. Use Map collections to cache sObjects.** **C. Avoid nested Apex iterations.** D. Reduce view state in Visualforce pages. | |
| **Q.69. A developer wants to create a Visualforce page that allows a user to search for a given account by Name. If the account is found, the account details should be populated on screen. If no account is found, an error message should be displayed to the user. How can this be accomplished? Choose 2 answers** A. Use the (apex: information) tag to display the error message. **B. Use the ApexPages .addMessage () method to add the error message. C. Use the <apex:pageMessages> tag to display the error message.** D. Use the account.addError( ) method to add the error message. | |
| **Q.70. A developer has built a multi-page wizard using a single Custom Controller to query and update data. Users are complaining that the pages are loading slowly. What will improve performance? Choose 3 answers A. Reducing the view state.** B. Using actionRegion and rerender. C. Turning off the standard stylesheet. **D. Setting the Apex Page attribute cache=true. E. Using selective queries.** | |
| **Q.71. A developer writes the following Apex trigger so that when a Case is closed, a single Survey record is created for that Case. The issue is that multiple Survey-c records are being created per Case.  trigger CaseTrigger on Case (after insert, after update) List<Survey\_\_c> createSurveys = new List<Survey\_\_c>(); for (Case c : trigger.new) if (c.IsClosed && (trigger.isInsert ll trigger.isUpdate && trigger.oldMap.get(c.Id).IsClosed == false)){ createSurveys.add(new Survey\_\_c(Case\_\_c = c.Id)); insert createSurveys; What could be the cause of this issue?** A. A user is creating the record as Closed. B. A workflow rule is firing with a Create Task action. C. A workflow rule is firing with a Field Update action. **D. A user is editing the record multiple times.** | |
| **Q.72. What is a potential design issue with the following code?  trigger accountTrigger on Account (before update){ Boolean processOpportunity = false; List<opportunity> opptysClosedLost = new List<opportunity>() List<opportunity> lstAllOpp = [select StageName from Opportunity where accountId IN :Trigger.newMap.keySet()]; if(!lstAllOpp.isEmpty()) processOpportunity = true; while(processOpportunity){ for(opportunity o : lstAllOpp) if(o.StageName == 'Closed - Lost') opptysClosedLost.add(o); processOpportunity = false; if(!opptysClosedLost.isEmpty()) delete opptysClosedLost; (could not find any error , was able to execute successfully , can you check the question once) There is a possibility of D being the answer if no error in the question.** A. SOQL could be avoided by creating a formula field for StageName in Account from the related Opportunity. B. The code Will result in a System.LimitException : Too many script statements error. C. The code will result in a System.DmlException:Entity\_is\_Deleted error. **D. The code will result in a System.LimitException: Apex CPU time limit exceeded error.** | |
| **Q.73. The Contact object has a custom field called "Zone." Its data type is "Text" and field length is 3. What is the outcome after executing the following code snippet in the org?  List<Contact> contactsToBeInserted=new List<Contact>(); Contact contactInstance= new Contact(LastName='Smith', Department='Tech', Zone\_\_c='IAD'); contactsToBeInserted.add(contactlnstance); contactInstance= new Contact(LastName='Sm1th', Department='Tech', Zone\_\_c='PITT'); contactsToBeInserted.add(contactlnstance); Database.insert(contactsToBeInserted,true);** A. Both inserts succeed and the contact record that has the Zone value of 'PI‘I'I" is set to NULL. B. A partial insert succeeds and the contact record that has the Zone value 'IAD' is inserted. C. Both inserts succeed and the contact record that has the Zone value of 'PITT" is truncated. **D. An unhandled DML exception is thrown and no contact records are inserted.** | |
| **Q.74. Which statement is true regarding the use of user input as part of a dynamic SOQL query?** A. Free text input should not be allowed, to avoid SOQL injection. B. The String.format () method should be used to prevent injection. **C. Single Quotes should be escaped to protect against SOQL injection.** D. The string should be URL encoded by the input form to prevent errors. | |
| **Q.75. A developer has written the following method: static void processList(List<sobject> input){ Which code block can be used to call the method?** A. processList (acc) B. O processList ( [FIND 'Acme“ ' RETURNING Account] **C- © processList([SELECT Id, Name FROM sObject WHERE Type = 'Account'** D- forl Account acc : [SELECT Id, Name FROM Account]  For(Account acc =[Select id,Name from Account]){  processList(acc)  } | |
| **Q.76. A developer needs to design a custom object that will be integrated into a back-end system. What should the developer do to ensure good data quality and to ensure that data imports, integrations, and searches perform well? Choose 2 answers** A. Configure a custom field as unique. B. Configure a custom field as indexed. C. Configure a custom field as external ID.D. Configure a custom field as Salesforce ID. | |
| **Q.77. A developer encounters an error that states that the Apex heap size is exceeded. Which technique may reduce heap size?** A. Add the transient keyword to the variable definition. B. Move the variable definition inside the scope of the function. C. Use static variables instead of instance variables. D. Use SOQL for loops instead of standard SOQL queries. | |
| **Q.78. A developer has a Debug method within a class, which is invoked hundreds of times. What is the optimal functionality in the Developer Console to count the number of calls made to the method?** A. The “Execution Log” Panel. B. The “Execution Stack” Panel. C. The “Executed Units” tab under the Execution Overview Panel.D. The “Execution Tree” tab under the Stack Tree Panel. | |
| **Q.79. What is a consideration when testing batch Apex? Choose 2 answers** A. Test methods must execute the batch with a scope size of less than 200 records. **B. Test methods must call the batch execute () method once.** C. Test methods must use the @isTest (SeeAllData=true) annotation. **D. Test methods must run the batch between Test. startTest () and Test.stopTest** | |
| **Q.80. 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 +=l;  System. debug (accountInstance . Exec\_Count\_c)  What is printed from the System.debug statement? Output from System.debug in every iteration is seperated with a delimiter.**  A. 1,2,3,3 B. 1,2,3,4 C. 2,2,4,4 D. 2,2,3,3 | |
| **Q.81. 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? [ Not sure ]** 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. | |
| **Q.82. 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 2 answers** A. Use a StandardSetController.B. Use CURSOR 50 in SOQL queries. **C. Use OFFSET in SOQL queries.** **D. Use LIMIT 50 in SOQL queries.** | |
| **Q.83. A developer must create a way for external partners to submit millions of leads into Salesforce per day. How should the developer meet this requirement?** A. Publicly expose a Visualforce page via Force.com Sites. B. Create a web service on Heroku that uses Heroku Connect. C. Host a Web-to-Lead form on the company website. D. Publicly expose an Apex Web Service via Force.com Sites. | |
| **Q.84. Which is a valid Apex REST Annotation? Choose 2 answers** **A @HttpPatch B. @HttpDelete** C. @HttpUpsert D. @HttpAction | |
| **Q.85. A customer requires that when the billing address field on an Account gets updated, the address field on all its related contact records should reflect the same update. How can this requirement be met with minimal customizations?** A. Create an After Trigger on Account to update its related contact records on update. B. Create a Workflow Rule on Account to update related child Contact records. **C. Create a Lightning Process builder on Account to update related child Contact records.** D. Create a scheduled batch job that updates all contact address fields based on the related Account record. | |
| **Q.86. A company requires an external system to be notified whenever an account is updated. What LimitException could the following code trigger? [ Not sure ]  trigger AccountTrigger on Account (after update) for (Account updatedAccount : Trigger.new) AccountTriggerHelper.notinyxternalSystem(updatedAccount.id);  public class AccountTriggerHelper future(callout=true) public static void notinyxternalSystemlId accountId) Account acc = [Select id, name from.Account where accountId = :accountId]; Instantiate a new http object Http h = new Http(); HttpRequest req = new HttpRequest(); req.setEndpoint('http://example.org/restService'); req.setMethod('POST'); req.setBody(JSON.serialize(acc)); HttpResponse res = h.send(req); A. System.LimitException: Too many future calls** B. System.LimitException: Too many callouts C. System.LimitException: Too many SOQL queries D. System.CalloutException: Callout from tn‘ggers are currently not supported | |
| **Q.87. 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 SController global variable to access the controller method via JavaScript. D. Use (apex: actionSupport> to enable JavaScript support for the controller method. | |
| **Q.88. A company exposes a REST web service and wants to establish two-way SSL between Salesforce and the REST weB' service. A certificate signed by an appropriate certificate authority has been provided to the developer. What modification is necessary on the Salesforce side? Choose 2 answers A. Create an entry for the certificate in Certificate and Key Management. B. Update the code to use HttpRequest . setClientCertificateName** C. Configure two-factor authentication with the provided certificate. D. Update the code to use HttpRequest.setHeader () to set an Authorization header. | |
| **Q.89. What is a consideration when using bind variables with dynamic SOQL? \*\* Choose 2 answers A. Dynamic SOQL cannot reference fields on bind variables.** B. Dynamic SOQL cannot use bind variables. C. Bind variables must be public or global. **D. Bind variables must be in local scope.** | |
| **Q.90. 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>** | |
| **Q.91. Which two objects can be inserted in the same transaction? Choose 2 answers** A. Opportunity and User **B. Account and AccountShare C. Case and CaseComment** D. Account and Group | |
| **Q.92. How can the DISTANCE and GEOLOCATION functions be used in SOQL queries? Choose 2 answers 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 | |
| **Q.93. A developer has created a solution using the SOAP API for authenticating Communities users. What is needed when issuing the login()Call? Choose 2 answers** A. Organization Id B. Session Id **C. Username and Password D. Security Token** | |
| **Q.94. 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 3 answers A. Custom Labels B\_ convertCurrency()** C. Global Labels **D. Translation Workbench** E, getLocalCurrency() | |
| **Q.95. A developer needs test data for Apex test classes. What can the developer use to provide test data to the test methods? Choose 2 answers A. List<sObj ect> ls = Test. loadData (Lead. sObjectType, 'my‘I'estLeads’); B. myDataFactory. createTestRecords (10)** C. Database . createTestRecords (10) | |
| **Q.96. What is a valid return type for the following SOSL query? [FIND 'map"' IN ALL FIELDS RETURNING Account (Id, Name) , Contact, Opportunity, Lead]** A. List<sobject> **B. List<List<sObj ect>> or (List<List>)** C, List<AggregateResult> D, List<Account> | |
| **Q.97. What level can a hierarchy custom setting be defined for? Choose 3 answers A. Users** B. Groups **C. Profiles** D. Roles **E. Organization** | |
| **Q.98. A developer has created a Visualforce page that uses a third-party JavaScript framework. The developer has decided to supply data to the JavaScript functions using JavaScript Remoting for Apex Controllers. What is the correct syntax to declare a remote method in Apex? Choose 2 answers A @RemoteAction global static String getTable()** B. @RemoteAction global String getTable() **C. @RemoteAction public static String getTable()** D. @Remoteobject global static String gettable | |
| **Q.99. Which API can be used to execute unit tests? Choose 3 answers** A. Streaming API B. Test API **C. Tooling API D. SOAP API E. Metadata API** | |
| **Q.100. Which statement is true about using ConnectApi namespace (also called Chatter in Apex)? Choose 2 answers** A. Chatter in Apex methods honor the 'with sharing' and 'without sharing' keywords. **B. Chatter in Apex operations are synchronous, and they occur immediately. C. Chatter in Apex methods do not run in system mode; they run in the context of the current user. D. Many test methods related to Chatter in Apex require the BIsTest (SeeAllData=true) annotation.** | |
| **Q.101. A developer receives a LimitException: Too many query rows: 50001 error when running code. What debugging approach using the Developer Console provides the fastest and most accurate mechanism to identify a specific component that may be returning an unexpected number of rows?\*\*\*** A. Count the number of Row Limit warning messages in the Debug Logs. B. Add System.debug (System.getoueryRows () to the code to track SOQL usage. **C. Filter the Debug Log on SOQL\_EXECUTE\_END statements to track the results of each SOQL Query.** D. Use the Execution Overview to see the number of rows returned by each Executed Unit. | |
| **Q.102. A developer is writing a Visualforce page to display a list of all of the checkbox fields found on a custom object. What is the recommended mechanism the developer should use to accomplish this? A. Schema class** B. Apex API C. Schema Builder D. Metadata API | |
| **Q.103. A developer is building a Visualforce page that interacts with external services. Which interface should the developer implement to test this functionality? Choose 1 answers A, HTTPCalloutMock** B, HTTPRequestMock C, HTTPResponseMock **D, StaticResourceCalloutMock** | |
| **Q.104. 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 ui : outputText tag to display errors. **D. Use the ui:inputDefaultError tag to display errors** | |
| **Q.105. A developer is writing unit tests for the following method: public static Boolean isFreezing(String celsiusTemp) if(String.isNotBlank(celsiusTemp) && celsiusTemp.isNumeric()) return Decimal.valueof(celsiusTemp) <= 0; return null; Which assertion would be used in a negative test case? A\_System.assertEquals(true, isFreezing(null));** B. System. assertEquals (true, isFreezing( ' 0’); C System.assertEquals(null, isFreezing('asdf')); D.System.assertEquals(true, isFreezing('lOO')); | |
| **Q.106. During the order of execution of a Visualforce page GET request, what happens after this step: Evaluate constructors on controllers and extensions? A. Evaluate constructors and expressions on custom components.** B. Create view state if < apex: form> exists. C. Send the HTML response to the browser. D. Evaluate expressions, action attributes, and method calls. | |
| **Q.107. 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 QthZGprjpchVuIHNchFtZQ=='); **B, stub . inputhth-Ieader3\_x.put ( 'Authorization' , 'Basic QthZGprjpchVuIHIQchE‘tZQ:'** C, Http. setAuthentication( 'Basic QthZGprjpchVuIHNchFtZQ:' D\_ stub.authentication.put ( 'Authorization' , 'Basic QthZGprjpchVuIHNchFtZQ==' | |
| **Q.108. What is the correct syntax for calling a controller action from a Visualforce page and updating part of the page once the action is completed? Choose 2 answers** A, <apex: commandFunction action="{ !Save}" value="Save" rendered="thePageBlock"/> **B. <apex:actionFunction action="{ !Save}" name="Save" rerender="thePageBlock"/>** C. <apex:commandButton action="{ !Save}" value="Save" redraw="thePageBlock"/> **D, <apex:actionSupport action="{ !Save} " event="onchange" rerender="thePageBlock"/>** | |
| **Q.109. Employee-c is a Child object of Company-c. The Company-c object has an external Id field Company\_Id\_c. How can a developer insert an Employee-c record linked to Company-c with a Company\_Id\_c of '999'?** a) Employee-c emp = new Employee-C(Name='Developer‘); emp.Company\_r = ' 999' insert emp; b ) Employee-c emp = new Employee-C(Name='Developer‘); emp.Company\_c = ' 999' insert emp; c) Employee-c emp = new Employee-C(Name='Developer'); emp. Company-c = new Company-c (Company\_Id\_c=' 999 insert emp; **d. Employee-c emp = new Employee-C(Name='Developer'); emp.Company\_r = new Company-r (Company\_Id\_c=' 999 insert emp;** | |
| **Q.110. 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 gueries | |
| **Q.111. Which use case is an appropriate fit for the @future asynchronous Apex method? Choose 2 answers** 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.** | |
| **Q.112. A developer has written an After Update trigger on Account. A workflow rule and field update cause the trigger to repeatedly update the Account records. How should the developer handle the recursive trigger?** A. Deactivate the trigger and move the logic into a Process or Flow. B. Deactivate the workflow rule to prevent the field update from executing. **C. Use a static variable to prevent the trigger from executing more than once.** D. Use a global variable to prevent the trigger from executing more than once. | |
| **Q.113. A company wants to create a dynamic survey that navigates users through a different series of questions based on their previous responses. What is the recommended solution to meet this requirement? A. Dynamic Record Choice** B. Lightning Process Builder C. Visualforce and Apex D. Custom Lightning application | |
| **Q.114. Which statement is true regarding both Flow and Lightning Process? 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.** | |
| **Q.115. A developer has a page with two extensions overriding the Standard controller for Case. <apex:page standardController="Case" extension3="CaseExtensionOne,CaseExtensionTwo" showHeader="false"> Each extension has a method called Save. The page has a command button as defined: <apex:commandButton value="Save" action="{!save}"/> What will happen when a user clicks the command button?** A. All of the three Save methods will be executed. B. Save from Case Standard Controller will be executed. C. Save from CaseExtensionTwo will be executed. **D. Save from CaseExtensionOne will be executed.** | |
| **Q.116. What is a valid request for the following REST method: @HttpPost global static void myPostMethod(String sl, Integer il, Boolean bl, String 52) Choose 2 answers A. <request> <sl>my first string</sl> <11>123</il>  <32>my second string</32> <b1>false</bl> </request>** **B.<reguest>  <sl>"my first string"</sl> <il>123</il> <sZ>"my second string"</32> <bl>false</bl> </request>** C. sl" : "my first string", 11" : "123",  "b1" : "false", “S2" : "my second string" **D. il" : 123, “S1" : "my first string", "S2" : "my second string", “bl" : false** | |
| **Q.117. 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 2 answers** 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.** | |
| **Q.118. A developer writes the following code: public with sharing class OrderController public PaqeReference 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 followmg error message: System.CalloutException : You have uncommitted work pending What should the developer do? Choose 2 answers** 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.** | |
| **Q.119. What is the most efficient way in Visualforce to show information based on data filters defined by an end-user for a large volume of data?** A. Use the rendered condition in Visualforce to limit data based on data filters. **B. Use filter conditions in a SOQL query to limit data based on data filters.** C. Use an Apex controller to refine raw data based on data filters and store the result in a transient variable. D. Use an Apex controller to refine raw data based on data filters and store the result in a static variable. | |
| **Q.120. What is the optimal syntax for adding a link to a case in a Visualforce page? Choose 2 answers** A)<apex:outputLink value="{EURLFOR($Action.Case.Open, case)}" target="\_blank"> [] {lcase.Name} </apex:outputLink> **B)<apex:outputLink value="/{!case.Id}" target="\_blank"> [] {lca3e.Name} </apex:outputLink> C) <apex:outputLink value="{!URLFOR($Action.Case.View, case.Id)}" target="\_blank"> (LIE {!case.Name} </apex:outputLink>** D) <apex:outputLink value="{!viewCase(case.Id)}" target="\_blank"> [] {lcaSe.Name} </apex:outputLink> | |