

**QUESTION 1**

A developer needs to compile a list 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)

Answer: D

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**QUESTION 2**

JavaScript remote actions need be either a \_\_\_\_\_ or \_\_\_\_\_ class and must be \_\_\_\_\_.

- A. Public or global and must be static.
- B. Private or global and must be static.
- C. Public or TestVisible and must be static.

Answer: A

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**QUESTION 3**

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.

Answer: C

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**QUESTION 4**

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 ls = Test.loadData (Lead.sObjectType, 'myTestLeads');
- B. MyDataFactory.createTestRecords (10)
- C. Database.createTestRecords (10)

Answer: A B

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**QUESTION 5**

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

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**QUESTION 6**

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

Answer: A B C

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**QUESTION 7**

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); } } } What is printed from the System.debug statement? Output from System.debug in every iteration is separated with a delimiter.

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

Answer: C

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**QUESTION 8**

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

Answer: B C

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**QUESTION 9**

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 || trigger.isUpdate && trigger.oldMap.get(c.Id).IsClosed == false)) { createSurveys.add(new Survey\_c(Case\_c = c.Id)); insert createSurveys; } } What could be the cause of this issue?

- A. A user is creating the record as Closed
- B. A workflow rule is firing with a Create Task action.
- C. A workflow rule is firing with a Field Update action.
- D. A user is editing the record multiple times.

Answer: D

**QUESTION 10**

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.

Answer: B

**QUESTION 11**

Invokable methods accept sObjects as parameters

- A. True
- B. False

Answer: B

**QUESTION 12**

A developer has written an After Update trigger on Account. A workflow rule and field update cause the trigger to repeatedly update the Account records. How should the developer handle the recursive trigger?

- A. Deactivate the trigger and move the logic into a Process or Flow.
- B. Deactivate the workflow rule to prevent the field update from executing.
- C. Use a static variable to prevent the trigger from executing more than once.
- D. Use a global variable to prevent the trigger from executing more than once.

Answer: C

**QUESTION 13**

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

- A. Add the transient keyword to the variable definition.

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

Answer: D

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**QUESTION 14**

Which of the following elements can be members of a public group? Choose 3

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

Answer: A C D

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**QUESTION 15**

A developer would like to use jQuery in a Visualforce page. Which markup can be used to load the library on the page?

- A. `< apex:include value="{ !$Resource.jQuery}"`
- B. `< apex:includeScript value="{ !$Resource.jQuery}"`
- C. `< apex:script value="{ !$Resource.jQuery}"`
- D. `< apex:includeJS value="{ !$Resource.jQuery}"`

Answer: B

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**QUESTION 16**

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?

- 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.

Answer: D

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**QUESTION 17**

A developer wants to retrieve and deploy metadata, perform simple CSV export of query results, and debug Apex REST calls by viewing JSON responses. Which tool should the developer use?

- A. Developer Console
  - B. Force.com Migration Tool
  - C. Workbench
  - D. Force.com IDE
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Answer: C

**QUESTION 18**

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. < apex:messages>
- B. < apex:pageMessages>
- C. < apex:message>
- D. < apex:pageMessage>

Answer: C

**QUESTION 19**

What is the output of the following code snippet? 1 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 Leadsorce value Web.
- C. A runtime error will be thrown on line 8.
- D. The contact record will be inserted with Leadsorce value Email.

Answer: C

**QUESTION 20**

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 attribute 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 re-render attribute on the Phone Type select list'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.

Answer: A C

**QUESTION 21**

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.

Answer: B D

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**QUESTION 22**

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 theId of the standard Pricebook so that it can be used with other test records.
- C. Use the isTest (SeeAllData=true) annotation on Test Methods that require access to the standard Pricebook.
- D. Use the isTest (SeeAllData=true) annotation on the entire Test Class to allow your Test Methods access to the standard Pricebook.

Answer: B

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**QUESTION 23**

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>< meta charset="utf-8" />< apex:param>
- D. < apex:attribute>

Answer: D

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**QUESTION 24**

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 static 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.

Answer: D

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**QUESTION 25**

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
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Answer: A

**QUESTION 26**

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

Answer: D

**QUESTION 27**

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];

Answer: A B

**QUESTION 28**

Choose the correct definition for <apex:actionPoller>

- A. Allows for controller methods to be called directly from Javascript. Must be encapsulated in tags. Unlike actionSupport, these functions can be called directly from Javascript code
- B. Sends an AJAX request according to the time interval you specify. If this ever gets re-rendered, it resets
- C. Adds AJAX support to another component (e.g. onClick, onMouseUp, onFocus, etc.)
- D. 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
- E. Signifies which components should be processed by the server when an AJAX request is generated
- F. Signifies which components should be processed by the server when an AJAX request is generated

Answer: B

**QUESTION 29**

Which of the following standard fields are indexed? Choose three answers

- A. Name
- B. CreatedBy

- C. SystemModStamp
- D. LastModifiedDate
- E. RecordType

Answer: A C E

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**QUESTION 30**

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

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

Answer: C

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**QUESTION 31**

A developer has a Debug method within a class, which is invoked hundreds of times. What is the optimal functionality in the Developer Console to count the number of calls made to the method?

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

Answer: C

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**QUESTION 32**

Which of the following variables are not transmitted in the view state? Choose two answers

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

Answer: B D

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**QUESTION 33**

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

- A. `ProcessList (acc)`
  - B. `ProcessList ( [FIND 'Acme' ' RETURNING Account] )`
  - C. `ProcessList([SELECT Id, Name FROM sObject WHERE Type = 'Account'`
  - D. `For Account acc : [SELECT Id, Name FROM Account]`
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Answer: D

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**QUESTION 34**

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.

Answer: B

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**QUESTION 35**

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.

Answer: D

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**QUESTION 36**

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 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.

Answer: B C

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**QUESTION 37**

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
-