

1. In which of the following environments can Developers write code? Select all that apply.

- a. Developer edition production org
- b. Enterprise edition production org
- c. Enterprise edition Sandbox org
- d. Professional edition Sandbox org

Answer: A,C

Developers can develop applications only in developer edition orgs. But other orgs, such as the Enterprise Edition, also support development and coding functionalities in their Sandboxes.

2. How can a developer avoid exceeding Governor Limits when using an Apex Trigger? Select all that apply.

- a. By using a helper class that can be invoked from multiple triggers
- b. By using Maps to hold data from query results
- c. By using the Database class to handle DML transactions
- d. By performing DML transactions on lists of Objects

Answer: B,D

The best way to avoid Governor Limits is to bulkify your code by using sets, lists, and Maps. You must also keep your SOQL queries outside loops.

3. Which of these is an accurate statement about "with sharing" keywords? Select all that apply.

- a. Inner classes inherit the sharing setting from the container class
- b. Either inner classes or outer classes can be declared as "with sharing", but not both
- c. Inner classes do not inherit the sharing setting from the container class
- d. Both inner classes and outer classes can be declared as "with sharing"

Answer: C,D

Inner classes do not inherit the sharing setting of the container class. Both the inner and outer classes can be declared as "with sharing".

4. Which standard field mandatorily needs to be populated when a developer inserts new Contact records programmatically?

- a. Name

Answer: B

LastName is a mandatory field on the contact object, so it

b. LastName c. AccountId  d. FirstName	must be populated when a contact is inserted.
<p>5. In the given code, from where does the Boolean inherit its value? <code>_x000D_Boolean b = true;</code></p> a. Class b. Object c. Enum d. String	<p>Answer: B</p>
<p>6. Which of these is a characteristic of the Lightning Component framework? Select all that apply.</p> a. It has an event-driven architecture. b. It works with the existing Visualforce pages. c. It uses XML as its data format. d. It includes responsive components	<p>Answer: A,D</p> <p>The New Lighting component framework comes with a new responsive design called LDS (Lightning Design System) and has a JavaScript driven architecture.</p>
<p>7. Visualforce components are similar to which type of tag library containing tag namespace prefixes?</p> a. ASP tag library b. JSP tag library c. ASP log file d. DL JSP log file	<p>Answer: B</p> <p>Visualforce tags are similar to the JSP tag library that carry the metadata information.</p>
<p>8. A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field.</p> <p>The Case object and the Case.Status field are</p>	<p>Answer: A,B</p>

on a custom Visualforce page.

What action can the developer perform to get the record types and picklist values in the controller? Select all that apply.

- a. Use Schema.PickListEntry returned by Case.Status.getDescribe().getPicklistValues()
- b. Use Schema.RecordTypeInfo returned by Case.SObjectType.GetDescribe().getRecordTypeInfo()
- c. Use SOQL to query Case records in the org to get all the RecordType values available for Case
- d. Use SOQL to query case records in the org to get all values for the Status picklist field

9. On a Visualforce page with a custom controller, by using an ID parameter that is passed in the URL, how should a developer retrieve a record? Select all that apply.

- a. Use the constructor method for the controller
- b. Use the \$Action.View method in the Visualforce page
- c. Use the tag in the Visualforce page
- d. Create a new PageReference object with the Id

Answer: A,D

We can use an Apex method to obtain the ID from the page URL. Usually, we use a constructor to call it because every time the page loads, the constructor is called first.

10. A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object. How can a developer display data from the parent record on the page?

- a. By adding a second standard controller to the page for the parent record
- b. By using a roll-up summary field on the child record to include data from the parent record
- c. By using SOQL on the Visualforce page to query for data from the parent record

Answer: D

You can use related merged fields to obtain the data from the parent record. The relative fields are prepended to \_\_r .

d. By using merge field syntax to retrieve data from the parent record

11. A developer needs to provide a Visualforce page that lets users enter product-specific details during a sales cycle. How can this be accomplished? Select all that apply.

- a. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify
- b. Copy the standard page and then make a new Visualforce page for Product data entry
- c. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify
- d. Create a new Visualforce page and an Apex controller to provide Product data entry

Answer: C,D

You can modify the custom Visualforce pages in unmanaged packages; the code in Managed Packages cannot be modified. Alternatively, you can also create a customized Visualforce page with an Apex controller to provide the required input fields.

12. What is the preferred way to reference web content such as images, stylesheets, JavaScript, and other libraries that is used in Visualforce pages?

- a. Uploading the content as a Static Resource
- b. Accessing the content from a third-party CDN
- c. Uploading the content in the Documents tab
- d. Accessing the content from Chatter Files

Answer: A

It is advisable to upload all the images, Stylesheets, and JavaScript files as Static resources because that enables the files to load faster.

13. The Review\_\_c object has a lookup relationship with the Job\_Application\_\_c object. The Job\_Application\_\_c object has a master-detail relationship with the Position\_\_c object. The relationship field names are based on the auto-populated defaults. What is the recommended way to display field data from the related Review\_\_c records on a Visualforce page for a single Position\_\_c record?

- a. Utilize the Standard Controller for Position\_\_c and expression syntax in the Page to display

Answer: D

Standard controllers have limited functionalities. To fetch records of grandchildren, SOQL query needs to be used in a controller extension.

related Review\_\_c data through the Job\_Application\_\_c object

b. Utilize the Standard Controller for Position\_\_c and cross-object Formula Fields on the Job\_Application\_\_c object to display Review\_\_c data

c. Utilize the Standard Controller for Position\_\_c and cross-object Formula Fields on the Review\_\_c object to display Review\_\_c data

d. Utilize the Standard Controller for Position\_\_c and a Controller Extension to query for Review\_\_c data

14. Which of these statements are true about the "view state" inspector? Select all that apply.

a. Shows components contributing to view state

b. Must be enabled on a user profile

c. Is displayed only when using

d. Is controlled by the Role Hierarchy

Answer: A,B,C

The "view state" inspector displays components contributing to it only when the tag is used. It must be enabled on a user profile.

15. What type of a programming language is Apex? Select all that apply.

a. Object-oriented

b. On-Demand

c. Water-Fall

d. Declarative-Specific

Answer: A,B

Just like Java, Apex is also an object oriented programming language. With its Cloud compatibility, it has now become an on-demand programming language.

16. A developer creates a Workflow Rule declaratively that updates a field on an object. An Apex update trigger exists for this object. What happens when a user updates the record?

a. No changes are made to the data.

b. The Workflow Rule is fired more than once.

Answer: D

c. Both the Apex Trigger and Workflow Rule are fired only once.

d. The Apex Trigger is fired more than once.

17. A developer needs to automatically populate the ReportsTo field in a Contact record based on the values of the related Account and Department fields in the record. Which type of Trigger would the developer create? Select all that apply.

a. Before insert

b. After update

c. After insert

d. Before update

Answer : A,D

18. A developer uses a before insert trigger on the Lead object to fetch Territory\_\_c object, where the Territory\_\_c.PostalCode\_\_c matches the Lead.PostalCode.

The code fails when the developer uses the Apex Data Loader to insert 10000 Lead records>  
The developer has the following code block:

```
01 for(Lead l : Trigger.new){
```

```
02 if(l.PostalCode != null){
```

```
03 List terrList = [SELECT Id FROM Territory__c  
WHERE PostalCode__c =:l.PostalCode;]
```

```
04 if(terrList.size() > 0){
```

```
05 l.Territory__c = terrList[0].Id; } } }
```

Which line of code is causing the code block to fail?

a. 05: The Lead in a "before insert" trigger cannot be updated.

b. 02: A NullPointerException is thrown if PostalCode is null.

Answer : D

The code fails because a SOQL query is located inside the "for" loop and SOQL Query Governor Limit has been hit.

c. 01: Trigger.new is not valid in a "before insert" Trigger.

d. 03: A SOQL query is located inside the "for" loop code.

19. In what order does Salesforce execute events while saving a record?

a. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit

b. Validation Rules; Before triggers; After triggers Workflow Rules Assignment Rules; Commit

c. Before Triggers; Validation Rules; After triggers; Workflow rules; Assignment Rules; Commit

d. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit

Answer: A

20. What is the result when a Visualforce page calls an Apex controller, which in turn calls another Apex class, causing the code to hit a Governor Limit?

a. All changes up to the error are saved.

b. All changes before a save point are saved.

c. All changes are saved in the first Apex class.

d. All changes up to the error are rolled back.

Answer: D

Apex transactions are automatically rolled back if they are not successful.

21. When would a developer use a custom controller instead of a controller extension? Select all that apply.

a. When a Visualforce page needs to replace the functionality of a standard controller

b. When a Visualforce page needs to add new actions to a standard controller

Answer: A,C

Use custom controllers when you don't require the standard functionalities of the object or if

c. When a Visualforce page does not reference a single primary object

d. When a Visualforce page should not enforce permissions or field-level security

the page references more than one primary object.

22. What is the value of x after the code segment executes?

```
String x = 'A';
```

```
Integer l = 10;
```

```
if (l < 15){
```

```
l = 15;
```

```
x = 'B';
```

```
} else if ( l < 20) {
```

```
x = 'C';
```

```
} else { x = 'D'; }
```

a. D

b. A

c. B

d. C

Answer: C

Since the first "if" condition was satisfied, the value of x is "B".

23. In a single record, a user selects multiple values from a multi-select pick list. How are the selected values represented in Apex?

a. As a String with each value separated by a comma

b. As a Set with each value as an element in the set

c. As a List with each value as an element in the list

Answer: D

The multiple options selected in the picklist appear as a String with each value separated by a semicolon.



d. As a String with each value separated by a semicolon	
<p>24. Which of these is a good practice for a developer to follow when writing a trigger? Select all that apply.</p> <p>a. Using @future methods to perform DML operations</p> <p>b. Using the Map data structure to hold query results by ID</p> <p>c. Using the Set data structure to ensure distinct records</p> <p>d. Using synchronous callouts to call external systems</p>	<p>Answer: B,C</p> <p>One of the best practices for Triggers is to bulkify the code. Set and map data structures are critical for successful coding of bulk triggers.</p>
<p>25. How can a developer determine, from the DescribeSObjectResult, if the current user will be able to create records for an object in Apex?</p> <p>a. By using the IsInsertable() method</p> <p>b. By using the IsCreatable() method</p> <p>c. By using the hasAccess() method</p> <p>d. By using the canCreate() method</p>	<p>Answer: B</p> <p>isCreatable is used to check if a user has access to create records for an object.</p>
<p>26. Which of these is an accurate statement about variable scope? Select all that apply.</p> <p>a. Parallel blocks can use the same variable name.</p> <p>b. A variable can be defined at any point in a block.</p> <p>c. Sub-blocks cannot reuse the variable name of a parent block.</p> <p>d. Sub-blocks can reuse the variable name of a parent block if its value is null.</p> <p>d. A static variable can restrict the scope to the current block if its value is null.</p>	<p>Answer: A,B,C</p> <p>A variable can be defined at any point in a block. Parallel blocks can use the same variable name. However, sub-blocks cannot reuse the variable name of a parent block.</p>

27. Which code block returns the ListView of an Account object using the following Debug statement?

```
system.debug(controller.getListViewOptions());
```

a. ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.getQueryLocator(SELECT Id FROM Account LIMIT 10));

b. ApexPages.StandardController controller = new ApexPages.StandardController([SELECT Id FROM Account LIMIT 1]);

c. ApexPages.StandardController controller = new ApexPages.StandardController(Database.getQueryLocator(SELECT Id FROM Account LIMIT 10));

d. ApexPages.StandardSetController controller = new ApexPages.StandardSetController([SELECT Id FROM Account LIMIT 1]);

Answer: A

One of the methods of the StandardSetController class is getListViewOptions.

28. A developer runs the following anonymous code block:

```
List acc = [SELECT Id FROM Account LIMIT 10]; Delete acc;
```

```
Database.emptyRecycleBin(acc);  
system.debug(Limits.getDMLStatements() + ',  
' + Limits.getLimitsDMLStatements());
```

What is the result?

a. 2, 150

b. 150, 2

c. 11, 150

d. 150, 11

Answer: A

getDMLStatements method shows you the number of DML calls that have been used so far.

getLimitsDMLStatements shows you the total number calls that can be made.

29. What is an accurate construction for a custom controller named "MyController"?

Answer: A

a. `Public MyController() {account = new Account();}`

b. `Public MyController(SObject obj) {account = new (Account) obj;}`

c. `Public MyController(List objects){accounts = (List)objects;}`

d. `Public MyController(ApexPages.StandardController stdController){account = (Account)stdController.getRecord();}`

Custom controllers don't have a parameterized constructor.

30. Which of the following is a valid Apex statement?

a. `Private static constant Double rate = 7.75;`

b. `Account() acctList = new List{new Account()};`

c. `Integer w, x, y, = 123, x = 'abc';`

d. `Map conMap = [SELECT Name FROM Contact];`

Answer: B

This is the correct syntax.

31. What must the controller for a Visualforce page utilize to override the standard Opportunity view button?

a. The Opportunity StandardController for pre-built functionality

b. The StandardSetController to support related lists for pagination

c. A constructor that initializes a private Opportunity variable

d. A callback constructor to reference the StandardController

Answer: A

We can override the standard functionality of the standard buttons through Visualforce pages which use the same object's standard controller.

32. A person who does not have "View Encrypted Data" permission will see the field with masked characters. Assuming the field is in the page layout, what happens if he tries to edit the

Answer: B

value by clicking on the Edit button?

- a. The field will not appear in the edit layout.
- b. The user will see only masked characters, but can enter a new value and save it.
- c. It will throw an error on changing that field and saving it.
- d. He can see the original value and he can save the record.

The user will see only masked characters, but can enter a new value and save it.

33. A Position is a custom object containing details of each position.

A Candidate contains the details of each candidate such as skills.

When users view the Position records, they should also be able to see all those candidates who match the skills required for the post.

A position record need not have details of candidates and a candidate record can also be kept blank. A position can be applied by multiple candidates, while a candidate can also apply for multiple positions. What can be done to achieve this?

- a. Create a master-child relationship between them
- b. Create a junction object to store both the values
- c. Create a lookup relationship of candidate on position
- d. Create a Visualforce page

Answer: B

To meet the specified requirement, the Position and Candidate objects need to be linked through a "many to many" relationship. In Salesforce, this is accomplished by creating a junction object.

34. A custom object has an organization-wide default setting of "Private" with Grant Access Using Hierarchies turned off. Which users can select the Sharing button on records for that object?

Answer: B

Since the Grant Access using Hierarchies is un-checked, no user above the owner of the record in role hierarchy will be

- a. Only the record owner and a user with the System Administrator profile
- b. The record owner, a user with the System Administrator profile, and a user shared to the record
- c. The record owner, a user shared to the record, any user above the record owner in the role hierarchy, and a user with the System Administrator profile
- d. The record owner, a user above the record owner in the role hierarchy, and a user with the System

able to see the record.  
Users below the owner of the record in the role hierarchy are not allowed to see it anyway. OWD is private, hence only owners have the access to see the record.

35. Universal Containers tracks reviews as a custom object in a recruiting application.

The interview score is tracked on each review record and should have a numerical value, so that hiring managers can calculate scores.

The scores should be restricted to integer values 1 through 5 and displayed as a set of radio buttons.

How can a developer meet this requirement?

- a. Create the Interview score field as a picklist, displayed as a radio button on page layout
- b. Create a formula field that displays the interview score as a set of radio buttons
- c. Create the interview score field with a data type of radio button
- d. Create a Visualforce page to display the interview score as a set of radio buttons

Answer: D

Radio buttons cannot be created in Salesforce using standard functionality. A Visualforce page is needed to show radio buttons on the page.

36. Universal Containers wants to create a custom order management application that allows users to enter order details such as the Product Name and Product Code.

The application should be able to check if these

Answer: C

values are consistent with the valid Product Name and Product Code combinations set up in a custom object.

Which feature would a developer use to accomplish this?

- a. A validation rule with the REGEX function
- b. A formula field with the VALIDATE function
- c. A validation rule with the VLOOKUP function
- d. A formula field with the IF function

VLOOKUP can be used to validate data with the records in a custom object.

37. A customer wants to add a custom validation to the "contact save" process.

Before a contact is created, the customer wants to include the validation, which checks if the associated account is active.

This validation should be active for all UI as well as integration requests. Which design accomplishes this goal?

- a. A custom Web service
- b. A "before insert" Trigger
- c. A custom Visualforce controller
- d. A client-side S-control

Answer: B

Custom validations are written as part of the logic in a "before insert" Trigger.

38. How would a developer use Schema Builder to delete a custom field from an Account object that was required for prototyping but is no longer needed?

- a. Delete the field from Schema Builder and then all references in the code will be automatically removed
- b. Remove all the references in the code and then the field will be automatically removed from Schema Builder
- c. Mark the field for deletion in Schema Builder

Answer: D

Schema Builder is a good tool to view and make corrections in your database. But to delete a custom field, you need to first remove all the references of the field.

<p>and then delete it from the declarative UI</p> <p>d. Remove all references from the code and then delete the custom field from Schema Builder</p>	
<p>39. Where can custom roll-up summary fields be created using Standard Object relationships? Select all that apply.</p> <p>a. On Opportunity using Opportunity Product records</p> <p>b. On Account using Case records</p> <p>c. On Campaign using Campaign Member records</p> <p>d. On Account using Opportunity records</p>	<p>Answer: A,C,D</p>
<p>40. A Developer wants to create a custom object to track Customer Invoices.</p> <p>How should Invoices and Accounts be related to ensure that all Invoices are visible to everyone with access to an Account?</p> <p>a. The Account should have a Lookup relationship to the Invoice.</p> <p>b. The Account should have a Master-Detail relationship to the Invoice.</p> <p>c. The Invoice should have a Master-Detail relationship to the Account.</p> <p>d. The Invoice should have a Lookup relationship to the Account.</p>	<p>Answer: C</p> <p>In a master-detail relationship, the child object inherits all the properties of the master object.</p>
<p>41. A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting.</p> <p>Once an application is submitted for a job posting, that application cannot be modified to be resubmitted for another job position. The candidate can apply for a different job posting only by submitting a new application.</p>	<p>Answer: A</p> <p>A child record once linked to a master record using a master-detail relationship cannot be re-parented unless "re-</p>

<p>What can an administrator do to associate an application with each job posting in the schema for the organization?</p> <ul style="list-style-type: none"> <li>a. Create a master-detail relationship in the Application custom object to the Job Postings custom object</li> <li>b. Create a master-detail relationship in the Job Postings custom object to the Applications customer object</li> <li>c. Create a lookup relationship on both objects to a junction object called Job Posting Applications</li> <li>d. Create a lookup relationship in the Applications customer object to the Job Postings custom object</li> </ul>	<p>parenting allowed" checkbox is checked on the field definition level.</p>
<p>42. An org has different Apex Classes that provide Account related functionality. After a new validation rule is added to the Account object, many of the test methods fail. What can be done to resolve the failures and reduce the number of code changes needed for future validation rules? Select all that apply.</p> <ul style="list-style-type: none"> <li>a. Create a method that performs a callout for a valid Account record, and call this method from within test methods.</li> <li>b. Create a method that creates valid Account records, and call this method from within test methods.</li> <li>c. Create a method that queries for valid Account records, and call this method from within test methods.</li> <li>d. Create a method that loads valid Account records from a Static Resource, and call this method within test methods.</li> </ul>	<p>Answer: B</p> <p>Account data passed to the test class should be modified according to the modified validation.</p>
<p>43. A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to a parent Account in Salesforce. What kind of relationship</p>	<p>Answer: D</p> <p>With a lookup relationship, child records can have distinct</p>



<p>would a developer use to relate the Account to the Warehouse?</p> <ul style="list-style-type: none"> <li>a. Parent-Child</li> <li>b. Master-Detail</li> <li>c. One-to-Many</li> <li>d. Lookup</li> </ul>	<p>owners. With Master-Detail relationship, parent records become the owner of the child record. Since both Account and Warehouse are independent entities, there will be a lookup relationship between them.</p>
<p>44. A developer is creating an application to track engines and their components. An individual component can be used in different types of engines. What data model should be used to track the data and to prevent orphan records?</p> <ul style="list-style-type: none"> <li>a. Create a junction object to relate many engines to many parts through a master-detail relationship</li> <li>b. Create a lookup relationship to represent how each part relates to the parent engine object</li> <li>c. Create a master-detail relationship to represent the one-to-many model of engines to parts</li> <li>d. Create a junction object to relate many engines to many parts through a lookup relationship</li> </ul>	<p>Answer: A</p> <p>Since an engine can have multiple parts and a component can be a part of multiple engines, a Junction object needs to be created.</p>
<p>45. Which of these statements is true for encrypted custom fields? Select all that apply.</p> <ul style="list-style-type: none"> <li>a. Encrypted fields can be included in Search results.</li> <li>b. Encrypted fields can be included in report results.</li> <li>c. Encrypted fields are not available in filters for list views, reports, and Roll-up summary fields.</li> <li>d. Encrypted fields are not available for validation rules or Apex scripts.</li> </ul>	<p>Answer: A,B,C</p>
<p>46. A developer created an Apex Trigger using</p>	<p>Answer: A</p>

the Developer Console and now wants to debug the code. How can the developer accomplish this in the Developer Console?

- a. Select the Override Log Triggers checkbox for the Trigger
- b. Open the Progress tab in the Developer Console
- c. Open the Logs tab in the Developer Console
- d. Add the user name in the Log Inspector

Select the Override Log Triggers checkbox for the Trigger to get the Debug Logs out.

47. What is the minimum log level needed to see user-generated debug statements?

- a. INFO
- b. FINE
- c. WARN
- d. DEBUG

Answer: D

You need to set the Debug Log level to least DEBUG to be able to view user-generated debug statements.

48. Which of the following can be done using the Force.com platform? Select all that apply.

- a. Data-warehousing
- b. Applications with clicks and not code
- c. Applications can be upgraded without loss of customization
- d. Code version control system

Answer: C,D

The Force.com platform provides a code version control system. It also allows you to upgrade applications without losing customizations.

49. Which of the following refers to the data model of Salesforce? Select all that apply.

- a. Force.com API
- b. Force.com metadata API
- c. Sandbox
- d. Force.com IDE

Answer: B,D

Force.com Metadata API and Force.com IDE provide access through the metadata components.

<p>50. Which one of the following is not possible to view in the Debug Logs?</p> <ul style="list-style-type: none"> <li>a. Workflow formula evaluation results</li> <li>b. Assignment rules</li> <li>c. Formula field calculations</li> <li>d. Validation rules</li> <li>e. Resources used by Apex Script</li> </ul>	<p>Answer: A,C,E</p> <p>Debug Logs record details for Apex, Visualforce pages, Callouts, and other entities but do not capture certain items such as JavaScript and formula fields.</p>
<p>51. By using which tool can the developer change the data model of a Salesforce organization?</p> <ul style="list-style-type: none"> <li>a Data loader</li> <li>b. Administrator setup</li> <li>c. Cloud based data wizard</li> <li>d. Other</li> </ul>	<p>Answer: B</p> <p>Administrator Setup allows you to make changes to Salesforce.</p>
<p>52. Dashboard refresh can be monitored using:</p> <ul style="list-style-type: none"> <li>a. Apex jobs</li> <li>b. Scheduled jobs</li> <li>c. Dashboard jobs</li> <li>d. Report jobs</li> </ul>	<p>Answer: B</p> <p>Users with the View Setup and Configuration permission can view all the dashboards scheduled to refresh for your organization on the All Scheduled Jobs page. To view the All Scheduled Jobs page, go to Setup, enter Scheduled Jobs in the Quick Find box, and select Scheduled Jobs.</p>
<p>53. Which of the following will you use for browsing objects and fields in the Force.com IDE? Select all that apply.</p> <ul style="list-style-type: none"> <li>a. Force.com Projects</li> <li>b. Schema Explorer</li> <li>c. Development Work Area</li> </ul>	<p>Answer: A,B</p> <p>When using the Force.com IDE, we have to create a project, import the database, and build schema in the IDE itself. Schema Explorer can also be used to check the schema of the object.</p>

d. Debug View	
<p>54. Each setSavepoint() and rollback statement counts against the total number of DML statements.</p> <p>a. 1 b. 0</p>	<p>Answer: A</p> <p>These actions add up to the Governor Limits. So you should be careful while using them.</p>
<p>55. What should a developer working in a sandbox use to exercise a new test class before the developer deploys that test class to production? Select all that apply.</p> <p>a. The Apex Test Execution page in Salesforce Setup b. The Run Tests page in Salesforce Setup c. The Test menu in the Developer Console d. The REST API and ApexTestRun method</p>	<p>Answer: A,C</p> <p>These are the different ways in which Test Classes can be executed in Salesforce.</p>
<p>56. A developer creates an Apex class that includes private methods. What can the developer do to ensure that the private methods can be accessed by the test class?</p> <p>a. Add the TestVisible attribute to the Apex class b. Add the SeeAllData attribute to the test methods c. Add the @TestVisible attribute to the Apex methods d. Add the SeeAllData attribute to the test class</p>	<p>Answer: C</p> <p>Use @TestVisible annotation to make the private methods or variables visible to test classes.</p>
<p>57. What is the proper process for an Apex Unit Test?</p> <p>a. Query for test data using SeeAllData=true. Call the method being tested. Verify that the results are correct. b. Query for test data using</p>	<p>Answer: D</p> <p>This is the correct process for testing any functionality in</p>

<p>SeeAllData=trueExecute runAllTests(). Verify that the results are correct.</p> <p>c. Create data for testing. Execute runAllTest(). Verify that the results are correct.</p> <p>d.Create data for testing. Call the method being tested. Verify that the results are correct.</p>	<p>Apex.</p>
<p>58. Which of the following scenarios is invalid for execution by unit tests?</p> <p>a. Executing methods for negative test scenarios</p> <p>b. Loading the standard Pricebook ID using a system method</p> <p>c. Loading test data in place of user input for Flows</p> <p>d. Executing methods as different users</p>	<p>Answer: C</p> <p>Taking the test data from the user input takes up a lot of time.</p>
<p>59. Where would you find identical Force.com IDs?</p> <p>a. Production and Full Copy Sandbox only</p> <p>b. Production and Dev Sandbox only</p> <p>c. Two developer orgs</p> <p>d. Two Sandbox orgs</p>	<p>Answer: A</p> <p>As a Full Copy Sandbox is a replica of the production org, they can have identical Salesforce record IDs.</p>
<p>60. What would a developer do to update a picklist field on related Opportunity records when a modification to the associated Account record is detected?</p> <p>a. Create a process with Process Builder</p> <p>b. Create a workflow rule with field update</p> <p>c. Create a lightning component</p> <p>d. Create a Visualforce page</p>	<p>Answer: A</p> <p>Process Builder can be used to update child records when parent records are updated.</p>
<p>In the Lightning Component framework, where is client-side controller logic contained?Select one of the following:</p>	<p>Amswer: A</p>

- a. JavaScript
- b. Visualforce
- c. Apex
- d. HTML

Which declarative method helps ensure quality data? Choose 3 answersSelect one or more of the following:

- a. Exception handling
- b. Lookup filters
- c. Validation rules
- d. Workflow alerts
- e. Page layouts

Answer: B,C,E

What is a capability of a StandardSetController? Choose 2 answers Select one or more of the following:

- a. It allows pages to perform pagination with large record sets
- b. It allows pages to perform mass updates of records
- c. It enforces field-level security when reading large record sets
- d. It extends the functionality of a standard or custom controller

Answer: A,B

Which type of code represents the Controller in the MVC architecture on the Force.com platform? Choose 2 answers"Select one or more of the following:

- a. A static resource that contains CSS and images
- b. StandardController system methods that are referenced by Visualforce
- c. Custom Apex and JavaScript code that is used to manipulate data
- d. JavaScript that is used to make a menu item display itself

Answer: B,C

What is a valid source and destination pair that can send or receive change sets? Choose 2 answersSelect one or more of the following:

Answer: C,D

- a. Developer edition to sandbox
- b. Developer edition to production
- c. Sandbox to sandbox
- d. Sandbox to production

How would a developer change the field type of a custom field on account object from a string to an integer?Select one of the following:

- a. Make the change in the declarative UI, then update the field type to an integer field in-the apex code.
- b. Make the change in the developer console, and then the change will automatically be reflected in the apex.
- c. Make the change in the declarative UI, and then the change will automatically be reflected in the apex code.
- d. Remove all references in the code, make the change in the declarative UI, and restore the references with the new type.

Answer: D

Which statement about the Lookup Relationship between a Custom Object and a Standard Object is correct?Select one of the following:

- a. The Lookup Relationship cannot be marked as required on the page layout for the Custom Object
- b. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object
- c. The Custom Object inherits security from the referenced Standard Object
- d. The Custom Object will be deleted when the referenced Standard Object is deleted

Answer: B

A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object. How can a developer display data from the parent record on the page?Select one of the following:

- a. By using merge field syntax to retrieve data from the parent record
- b. By using a roll-up formula field on the child record to include data from the parent record

Answer: A

- c. By adding a second standard controller to the page for the parent record
- d. By using SOQL on the Visualforce page to query for data from the parent record

Where can debug log filter settings be set?  
Choose 2 answers  
Select one or more of the following:

- a. The Log Filters tab on a class or trigger detail page
- b. On the monitored user's name
- c. The Filters link by the monitored user's name within the Web UI
- d. The Show More link on the debug log's record

Answer: A,B

A developer has the following query:  
contact contactObj=[SELECT Id, Firstname, LastName email FROM contact WHERE Lastname = 'Smith']. What does the query return if there is no Contact with the last name 'Smith'?  
Select one of the following:

- a. A Contact initialized to null
- b. An empty List of Contacts
- c. An error that no rows are found
- d. A Contact with empty values

Answer: C

The Sales Management team hires a new intern. The new intern is not allowed to view Opportunities, but needs to see the Most Recent Closed Date of all child Opportunities when viewing an Account record.  
Select one of the following:

- a. Create a Workflow Rule on the Opportunity object that updates a field on the parent Account
- b. Create a formula field on the Account object that performs a MAX on the Opportunity Close Date field
- c. Create a trigger on the Account object that queries the Close Date of the most recent Opportunities
- d. Create a roll-up summary field on the Account object that performs a MAX on the Opportunity Close Date field

Answer: D



<p>What determines whether a user can create a new record using a specific record type? Select one of the following:</p> <ul style="list-style-type: none"> <li>a. Profile</li> <li>b. Field level security</li> <li>c. Sharing</li> <li>d. Page layout</li> </ul>	<p>Answer: A</p>
<p>How can a developer determine, from the DescribeObjectResult, if the current user will be able to create records for an object in Apex? Select one of the following:</p> <ul style="list-style-type: none"> <li>a. By using the isInsertable() method</li> <li>b. By using the isCreatable() method</li> <li>c. By using the canCreate() method</li> <li>d. By using the hasAccess() method</li> </ul>	<p>Answer: B</p>
<p>A developer creates a custom controller and custom Visualforce page by using the following. What does the user see when accessing the custom page?</p> <pre> Controller public class MyController { public String myString; public String getMyString(){ return 'getMyString'; } public String getStringMethod1(){ return myString; } public String getStringMethod2(){ if (myString == null) myString = 'Method2'; return myString; }} </pre> <p>Page:</p> <pre> {!myString} {!StringMethod1} {!StringMethod2} {!myString} </pre> <p>Select one of the following:</p> <ul style="list-style-type: none"> <li>a. getMyString Method2 getMyString</li> <li>b. Method2, getMyString</li> <li>c. Method2</li> </ul>	<p>Answer: A</p>
<p>Universal Container want to store an area code</p>	<p>Answer: C,D</p>

<p>and wants to be able to search for it in searches. Which are possible fields to store the data (choose 2):Select one or more of the following:</p> <ul style="list-style-type: none"> <li>a. Email</li> <li>b. Multi Picklist</li> <li>c. Text</li> <li>d. Phone</li> </ul>	
<p>Which action can a developer perform in a before update trigger? Choose 2 answers Select one or more of the following:</p> <ul style="list-style-type: none"> <li>a. Update the original object using an update DML operation</li> <li>b. Change field values using the Trigger.new context variable</li> <li>c. Delete the original object using a delete DML operation</li> <li>d. Display a custom error message in the application interface</li> </ul>	<p>Answer: B,D</p>
<p>What is an accurate statement about variable scope? Choose 3 answers . Select one or more of the following:</p> <ul style="list-style-type: none"> <li>a. A variable can be defined at any point in a block</li> <li>b. Parallel blocks can use the same variable name</li> <li>c. Sub-blocks cannot reuse a parent block's variable name</li> <li>d. A static variable can restrict the scope to the current block if its value is null</li> <li>e. Sub-blocks can reuse a parent block's variable name if its value is null</li> </ul>	<p>Answer: A,B,C</p>
<p>What is a capability of the Force.com IDE? Choose 2 answers. Select one or more of the following:</p> <ul style="list-style-type: none"> <li>a. Run Apex tests</li> <li>b. Roll back deployments</li> <li>c. Download debug logs</li> <li>d. Edit metadata components</li> </ul>	<p>Answer: A,D</p>
<p>A developer creates an Apex helper class to</p>	<p>Answer: A</p>

handle complex trigger logic. How can the helper class warn users when the trigger exceeds DML governor limits? Select one of the following:

- a. By using `Limits.getDMLRows()` and then displaying an error message before the number of DML statements is exceeded
- b. By using `Messaging.SendEmail()` to continue the transaction and send an alert to the user after the number of DML statements is exceeded
- c. By using `PageReference.setRedirect()` to redirect the user to a custom Visualforce page before the number of DML statements is exceeded
- d. By using `ApexMessage.Message()` to display an error message after the number of DML statements is exceeded

Where would a developer build a managed package? Select one of the following:

- a. Partial Copy Sandbox
- b. Developer Sandbox
- c. Unlimited Edition
- d. Developer Edition

Answer: D

A developer runs the following anonymous code block. What is the result?  
`List acc = [SELECT Id FROM Account LIMIT 10];`  
`Delete acc;`  
`Database.emptyRecycleBin (acc);`  
`system.debug(Limits.getDMLStatements()+";"+Limits.getLimitDMLStatements());`  
Select one of the following:

- a. 2;150
- b. 150; 2
- c. 150;11
- d. 11; 150

Answer: A

What is a capability of formula fields? Choose 3 answers. Select one or more of the following:

- a. Return and display a field value from another

Answer: B,C,E

<p>object using the VLOOKUP function</p> <p>b. Determine which of the three different images to display using the IF function</p> <p>c. Generate a link using the HYPERLINK function to a specific record in a legacy system</p> <p>d. Display the previous value for a field using the PRIORVALUE function</p> <p>e. Determine if a datetime field has passed using the NOW function</p>	
<p>Where can custom roll-up summary fields be created using Standard Object relationships? Choose 3 answers. Select one or more of the following:</p> <p>a. On Opportunity using Opportunity Product records</p> <p>b. On Account using Case records</p> <p>c. On Quote using Order records</p> <p>d. On Account using Opportunity records</p> <p>e. On Campaign using Campaign Member records</p>	<p>Answer: A,D,E</p>
<p>What is a valid way of loading external Javascript files into a Visualforce page? Choose 2 answers. Select one or more of the following:</p> <p>a. Using an tag</p> <p>b. Using an tag</p> <p>c. Using a</p> <p>d. using a tag</p>	<p>Answer: B,C</p>
<p>A developer wants to display all of the available record types for a Case object.</p> <p>The developer also wants to display the picklist values for the Case.Status field.</p> <p>The Case object and the Case.Status field are on a custom Visualforce page. Which action can the developer perform to get the record types and picklist values in the controller? Choose 2 answers. Select one or more of the following:</p>	<p>Answer: A,C</p>

- a. Use Schema.PicklistEntry returned by Case.Status.getDescribe().getPicklistValues()
- b. Use SOQL to query Case records in the org to get all the RecordType values available for Case
- c. Use Schema.RecordTypeInfo returned by Case.SObjectType.getDescribe().getRecordTypeInfos()
- d. Use SOQL to query Case records in the org to get all values for the Status picklist field

A developer needs to create records for the object Property\_\_c. The developer creates the following code block. Which line of code would the developer insert at line 03 to ensure that at least some records are created?

```
01 List propertiesToCreate =  
helperClass.createProperties();  
02 try {  
03  
04 } catch (Exception exp) {  
05 //Exception handling  
06 }
```

Select one of the following:

- a. Database.insert(propertiesToCreate, false);
- b. Database.insert(propertiesToCreate, System.ALLOW\_PARTIAL);
- c. Insert PropertiesToCreate;

Answer: A

On which object can an administrator create a roll-up summary field?  
Select one of the following:

- a. Any object that is on the detail side of a master-detail relationship
- b. Any object that is on the master side of a master-detail relationship

Answer: B

<p>c. Any object that is on the child side of a lookup relationship</p> <p>d. Any object that is on the parent side of a lookup relationship</p>	
<p>A reviewer is required to enter a reason in the comments field only when a candidate is recommended to be hired. Which action can a developer take to enforce this requirement? Select one of the following:</p> <p>a. Create a formula field</p> <p>b. Create a required Visualforce component</p> <p>c. Create a validation rule</p> <p>d. Create a required comments field</p>	<p>Answer: C</p>
<p>A developer needs to create a Visualforce page that will override the standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address. Where would the developer write the Account address verification logic? Select one of the following:</p> <p>a. In a Standard Extension</p> <p>b. In a Standard Controller</p> <p>c. In a Custom Controller</p> <p>d. In a Controller Extension</p>	<p>Answer: D</p>
<p>A developer needs to provide a Visualforce page that lets users enter Product-specific details during a Sales cycle. How can this be accomplished? Choose 2 answers. Select one or more of the following:</p> <p>a. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify</p>	<p>Answer: A,D</p>

b. Copy the standard page and then make a new Visualforce page for Product data entry

c. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify

d. Create a new Visualforce Page and an Apex controller to provide Product data entry

Universal containers wants to rollout new product bundles with several pricing options. Pricing options include product-price bundles, account specific pricing and more. Which product satisfies the needs: (choose 1) Select one of the following:

a. Workflow on Opportunity/Opportunity Product

b. Lightning process builder

c. Custom Appexchange-app for product-pricing

d. Formula fields on Opportunity/Opportunity Product

Answer: C

Universal containers has a custom object that has a N:M relationship with opportunityLineItem carrying price and amount information. In order to compute total amounts and total prices per Opportunity using Rollup summary fields, what field type will you use? Select one of the following:

a. Crossobject

b. Junction

c. Master-Detail

d. Lookup

Answer: C

Which statement should a developer avoid using inside procedural loops? Choose 2 answers. Select one or more of the following:

a. update contactList;

Answer: A,D

- b. if(o.accountid == a.id)
- c. System.debug('Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime());
- d. List = [select id, salutation, firstname, email from Contact where accountId = :a.Id];

Which scenario is invalid for execution by unit tests? Select one of the following:

- a. Loading the standard Pricebook ID using a system method
- b. Executing methods for negative test scenarios
- c. Loading test data in place of user input for Flows
- d. Executing methods as different users

Answer: A

Describe the ramifications of field updates and potential for recursion for the following scenario: If a field update for Rule1 triggers Rule2, and a field update for Rule2 triggers Rule1. Select one of the following:

- a. When the second trigger is saved an Imminent Loop Error message will be displayed and the workflow rule update will not save.
- b. The updates create a loop and the org be blocked until the admin resolves the issue
- c. Loop is allowed to run 25 times within one hour. If it does not end on its own the process will be stopped by R&D.
- d. The updates create a loop and the org limits for workflow time triggers per hour will likely be violated.

Answer: D

In which order does Salesforce execute events upon saving a record? Select one of the following:

- a. Validation Rules, Before Triggers, After Triggers, Workflow, Assignment Rules, Commit

Answer: D



<p>b. Before Triggers, Validation Rules, After Triggers, Workflow, Assignment Rules, Commit</p> <p>c. Validation Rules, Before Triggers, After Triggers, Assignment Rules, Workflow, Commit</p> <p>d. Before Triggers, Validation Rules, After Triggers, Assignment Rules, Workflow, Commit</p>	
<p>Universal containers want an org for development which can be refreshed in every 5 days with all the configuration and some data. What org do you choose? Select one of the following:</p> <p>a. Partial copy sandbox</p> <p>b. Full Sandbox</p> <p>c. Developer Sandbox</p> <p>d. Developer Pro Sandbox</p>	<p>Answer: A</p>
<p>Universal Container is using assignment rules to distribute cases to regional teams. Which of the following are true? Select one of the following:</p> <p>a. A workflow field update can be used instead</p> <p>b. It is possible to have multiple active assignment rules</p> <p>c. Cases may be assigned to queues (if configured)</p> <p>d. Cases may be assigned to public groups (if configured)</p>	<p>Answer: C</p>
<p>Which statements are true regarding Roll-Up Summary fields? (select all that apply). Select one or more of the following:</p> <p>a. Validation errors can display when saving either the detail or master record.</p> <p>b. Once created, you cannot change the detail object selected or delete any field referenced in your roll-up summary definition.</p> <p>c. Automatically derived fields, such as current date or current user, are allowed in a roll-up summary field.</p> <p>d. Because roll-up summary fields are not displayed on edit pages, you can use them in validation rules but not as the error location for</p>	<p>Answer: A,B,D</p>

<p>you validation.</p> <p>e. Advanced currency management has no affect on roll-up summary fields.</p>	
<p>In the Lightning Component framework, which resource can be used to fire events? Choose 2 answers. Select one or more of the following:</p> <p>a. Third-party web service code b. Visualforce controller actions c. Third-party Javascript code d. Javascript controller actions</p>	<p>Answer: C,D</p>
<p>A developer executes following code in Console. What will happen?</p> <pre>list flist = new list(); for(integer i=1;i&lt;=200 ;i++){     flist.add(new Account(name='Test Acc'+i)); } insert flist; list Llist = new list(); for(integer i=201;i&lt;=20000 ;i++){     Llist.add(new Account(name='Test Acc'+i)); } insert Llist ;</pre> <p>Select one of the following:</p> <p>a. Insert 200 only b. Error will occur c. Records inserted d. Insert all records</p>	<p>Answer: B</p>
<p>Which trigger event allows a developer to update fields in the Trigger.new list without using an additional DML statement? Choose 2 answers. Select one or more of the following:</p> <p>a. After insert b. Before update c. After update d. Before insert</p>	<p>Answer: B,D</p>
<p>When loading data into an organization, what can a developer do to match records to update existing fields?Select one or more of the following:</p> <p>a. Match an auto-generated Number field to a column in the imported file</p>	<p>Answer: B,D</p>

<p>b. Match the Id field to a column in the imported file</p> <p>c. Match the Name field to a column in the imported file</p> <p>d. Match an external Id Text field to a column in the imported file</p>	
<p>Universal Container installs an unmanaged package. Which of the following are true: (choose 2):Select one or more of the following:</p> <p>a. Unmanaged packages don't have a version number</p> <p>b. Unmanaged packages can be upgraded</p> <p>c. Unmanaged packages have a namespace prefix</p> <p>d. Components of unmanaged packages can be edited</p> <p>e. Tests are executed during deployment</p>	<p>Answer: D,E</p>
<p>A company wants a recruiting app that models candidates and interviews; displays the total number of interviews for each candidate record; and defines security on interview records that is independent from the security on candidate records. What would a developer do to accomplish this task. Choose 2 answers.</p> <p>a. Create a lookup relationship between the Candidate and Interview objects</p> <p>b. Create a roll-up summary field on the Candidate object that counts Interview records</p> <p>c. Create a master-detail relationship between the Candidate and Interview objects</p> <p>d. Create a trigger on the Interview object that updates a field on the Candidate object</p>	<p>Answer: A,D</p>
<p>What is the benefit of Lightning Component: Select one of the following:</p> <p>a. It uses Client - Side Apex controller for logic</p> <p>b. It uses MVC architecture</p> <p>c. It uses Event - driven architecture</p>	<p>Answer: C</p>
<p>Which user can edit a record after it has been locked for approval? Choose 2 answers.</p> <p>a. A user who is assigned as the current approver</p> <p>b. Any user with a higher role in the hierarchy</p> <p>c. Any user who approved the record previously</p> <p>d. An administrator</p>	<p>Answer: A,D</p>
<p>What is valid in the where clause of a SOQL query? Choose 2 answers.</p>	<p>Answer: B,C</p>

<p>a. An aggregate function. b. An alias notation. c. A geolocation field. d. An encrypted field.</p>	
<p>A developer creates an Apex class that includes private methods. What can the developer do to ensure that the private methods can be accessed by the test class? Select one of the following:</p> <p>a. Add the SeeAllData attribute to the test methods b. Add the TestVisible attribute to the Apex methods c. Add the SeeAllData attribute to the test class d. Add the TestVisible attribute to the Apex class</p>	<p>Answer: B</p>
<p>What happens when a workflow is re-evaluated? Pick 3</p> <p>a. Previous Workflows b. Cross-object sharing rules c. Validation d. Other Workflow types</p>	<p>Answer: A,B,D</p>
<p>What is the value of x after the code segment executes?</p> <pre>String x = 'A'; Integer i = 10; if (i&lt;15){     i=15;     x='B'; }else if (i&lt;20){     x='C'; }else {x='D';}</pre> <p>Select one of the following:</p> <p>a. B b. C c. D d. A</p>	<p>Answer: A</p>
<p>What is an accurate constructor for a custom controller named 'MyController'? Select one of the following:</p> <p>a. <code>public MyController () {     account = new Account() }</code></p>	<p>Answer: A</p>

<p>b. <code>public MyController (List objects) {     accounts = (List )objects; }</code></p> <p>c. <code>public MyController (ApexPages.StandardController stdController) { account = (Account) stdController.getRecord(); }</code></p> <p>d. <code>public MyController (SObject obj) { account = (Account) obj }PreviousCheck answerNext</code></p>	
<p>Which code block returns the ListView of an Account object using the following debug statement?Select one of the following:</p> <p>a. <code>System.debug (controller.getListViewOptions());"";"ApexPages.StandardSetCo ntroller controller = new ApexPages.StandardSetController (Database.getQueryLocator('select Id from Account Limit 1'));</code></p> <p>b. <code>System.debug (controller.getListViewOptions());"";"ApexPages.StandardContro ller controller = new ApexPages.StandardController (Database.getQueryLocator('select Id from Account Limit 1'));</code></p> <p>c. <code>System.debug (controller.getListViewOptions());"";"ApexPages.StandardSetCo ntroller controller = new ApexPages.StandardSetController ([SELECT Id FROM Account LIMIT 1]);</code></p> <p>d. <code>System.debug (controller.getListViewOptions());"";"ApexPages.StandardContro ller controller = new ApexPages.StandardController ([SELECT Id FROM Account LIMIT 1]);</code></p>	<p>Answer: A</p>
<p>Person Accounts... (choose two):</p> <p>a. Have the same icon as Business accounts</p> <p>b. Are enabled by default</p> <p>c. Are enabled via feature license</p> <p>d. Do use space in both account and contacts table</p> <p>e. Can only be merged with other person accounts</p>	<p>Answer: D,E</p>
<p>You want to use an External Data Object Table from Heroku carrying Product Category information. The data need to be included in Salesforce and searchable. What do you have to do before you can use the connection (choose two):</p> <p>a. URL / choose the URL (?)</p>	<p>Answer: C,D</p>

<p>b. Choose “include as index field”</p> <p>c. Press “validate and sync”</p> <p>d. Choose “include in Salesforce searches” option</p>	
<p>Which data type or collection of data types can SOQL statements populate or evaluate to? Choose 3 answers</p> <p>a. A Boolean</p> <p>b. A list of SObjects</p> <p>c. A string</p> <p>d. A single SObject</p> <p>e. An integer</p>	<p>Answer: B,D,E</p>
<p>A developer needs to ensure there is sufficient test coverage for an Apex Method that interacts with Accounts. The developer needs to create test data. What is the preferred way to load this test data into Salesforce? Select one of the following:</p> <p>a. By using Documents</p> <p>b. By using Static Resources</p> <p>c. By using HttpCalloutMocks</p> <p>d. By using WebServiceTests</p>	<p>Answer: B</p>
<p>What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the Salesforce organization? Select one of the following:</p> <p>a. HTTP Callouts</p> <p>b. Apex triggers</p> <p>c. Anonymous Blocks</p> <p>d. Apex controllers</p>	<p>Answer: C</p>
<p>Which type of information is provided by the Checkpoints tab in the Developer Console? Choose 2 answers</p> <p>a. Namespace</p> <p>b. Debug Statement</p> <p>c. Time</p> <p>d. Exception</p>	<p>Answer: A,C</p>
<p>Universal Container want to store an area code and wants to be able to search for it in applications (apex). Which are possible fields to store the data (choose 2):</p> <p>a. Number</p> <p>b. Text</p> <p>c. Phone</p>	<p>Answer: A,B</p>

d. Email e. Multi Picklist	
<p>A Hierarchy Custom Setting stores a specific URL for each profile in Salesforce. Which statement can a developer use to retrieve the correct URL for the current Visualforce page? Select one of the following:</p> <p>a. {!\$Setup.Url_Settings__c.Instance[Profile.Id].URL__c}  b. {!\$Setup.Url_Settings__c.[Profile.Id].URL__c}  c. {!\$Setup.Url_Settings__c.[\$Profile.Id].URL__c}  d. {!\$Setup.Url_Settings__c.URL__c}</p>	Answer: D
<p>Universal containers has included its orders as an external data object into Salesforce. You want to create a relationship between Accounts and the Orders object (one-to-many relationship) leveraging a key field for account which is on both external object and Account. Which relationship do you create? Select one of the following:</p> <p>a. Indirect Lookup Relationship  b. Lookup Relationship  c. Master Detail Relationship  d. External Lookup Relationship  e. Hierarchical Relationship</p>	Answer: A
<p>A developer writes a SOQL query to find child records for a specific parent. How many levels can be returned in a single query? Select one of the following:</p> <p>a. 5  b. 1  c. 3  d. 7</p>	Answer: B
<p>Which is true about social accounts? Select one of the following:</p> <p>a. You can use social accounts data even when you are not logged into the social account.  b. You can use social accounts to import data into salesforce  c. You need a personal social account in order to see social account data  d. Connection to social account is established through a company wide “named principal”</p>	Answer: C
When the value of a field in an account record is updated, which method will update the value of a custom field related	

<p>opportunities? Choose 2 answers:</p> <ul style="list-style-type: none"> <li>a. A cross-object formula field on the Account object</li> <li>b. A Workflow Rule on the Account object</li> <li>c. A Process Builder on the Account object</li> <li>d. An Apex trigger on the Account object</li> </ul>	<p>Answer: C,D</p>
<p>Which components can be added to a lightning app on custom Object: (choose 3):</p> <ul style="list-style-type: none"> <li>a. Custom lightning component</li> <li>b. Object specific actions on the custom object</li> <li>c. Standard Lightning component</li> <li>d. isualforce</li> <li>e. Global actions</li> </ul>	<p>Answer: A,C,E</p>
<p>A developer creates a method in an Apex class and needs to ensure that errors are handled properly. What would the developer use? Choose 3 answers.</p> <ul style="list-style-type: none"> <li>a. ApexPages.addErrorMessage()</li> <li>b. A custom exception</li> <li>c. A try/catch construct</li> <li>d. Database.handleException()</li> <li>e. addError()</li> </ul>	<p>Answer: B,C,E</p>
<p>A developer wants to list all of the tasks for each Account on the Account detail page. When a Task is created for a Contact, what does a developer need to do to display the Task on the related Account record?Select one of the following:</p> <ul style="list-style-type: none"> <li>a. Nothing. The Task cannot be related to an Account and a Contact.</li> <li>b. Nothing. The Task is automatically displayed on the Account page.</li> <li>c. Create a workflow rule to relate the Task to the Contact's Account</li> <li>d. Create an account formula field that displays the the Task information</li> </ul>	<p>Answer: B</p>
<p>Which statement would a developer use when creating test data for products and pricebooks?</p> <p>Select one of the following:</p> <ul style="list-style-type: none"> <li>a. List objList = Test.loadData(Account.sObjectType 'myResource');</li> </ul>	<p>Answer: B</p>



<p>b. <code>Id pricebookId = Test.getStandardPricebookId();</code>  c. <code>Pricebook pb = new Pricebook ();</code>  d. <code>IsTest(SeeAllData = false)</code></p>	
<p>What is an important consideration when developing in a multi-tenant environment? Select one of the following:</p> <p>a. Unique domain names take the place of namespaces for code developed for multiple orgs on multiple instances  b. Polyglot persistence provides support for a global multilingual user base in multiple orgs on multiple instance  c. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance  d. Org-wide data security determines whether other tenants can see data in multiple orgs on the same instance</p>	<p>Answer: C</p>
<p>A developer has the following code:</p> <pre>try { List nameList; Account a; String s = a.Name; nameList.add (s); } catch (ListException le) {     System.debug ('List Exception'); } catch (NullPointerException npe){     System.debug('Null Pointer Exception'); } catch (Exception e){     System.debug ('Generic Exception'); }</pre> <p>Select one of the following:</p> <p>a. <b>Null Pointer Exception</b>  b. Generic Exception  c. List Exception  d. None</p>	<p>Answer: A</p>
<p>Field type conversion. Which of the following are true: (choose 2):</p> <p>a. Data can be lost when converting from number to currency (assuming that field lengths are identical)  b. <b>Data can be lost when converting from multi picklist to single picklist</b>  c. Data can be lost when converting from autonumber to text  d. <b>Information can be lost when converting from text area (rich) to text area (long)</b></p>	<p>Answer: B,D</p>

<p>Universal containers has a custom object “service” which has a lookup relationship to Account. Universal containers wants to enhance Salesforce1 with an action that allows account managers to enter a new service to an Account while looking at the account:Select one of the following:</p> <p>a. Enter an object specific action to Account and put it in the Account Layout</p> <p>B. Enter an object specific action to Service and put it in the Service Layout</p> <p>C. Enter an object specific action to Account and put it in the Service Layout</p> <p>D. Enter an object specific action to Service and put it in the Account Layout</p>	<p>Answer: A</p>
<p>What is a good practice for a developer to follow when writing a trigger? Choose 2 answers</p> <p>a. Using the Set data structure to ensure distinct records</p> <p>b. Using @future methods to perform DML operations</p> <p>c. Using the Map data structure to hold query results by ID</p> <p>d. Using synchronous callouts to call external systems</p>	<p>Answer: A,C</p>
<p>A developer needs to know if all tests currently pass in a Salesforce environment. Which feature can the developer use? Choose 2 answers:</p> <p>a. Workbench Metadata Retrieval</p> <p>b, Developer Console</p> <p>c. Salesforce UI Apex Test Execution</p> <p>d. ANT Migration Tool</p>	<p>Answer: B,C</p>
<p>Which use case requires a partial copy or full sandbox? Choose 3 answers.</p> <p>a. Development Testing</p> <p>b. Scalability Testing</p> <p>c. Integration Testing</p> <p>d. Batch Data Testing</p> <p>e. Quality Assurance Testing</p>	<p>Answer: B,C,D</p>
<p>In a single record, a user selects multiple values from a multi-select picklist. How are the selected values represented in Apex? Select one of the following:</p> <p>a. As a Set with each element as an element in the set</p> <p>b. As a string with each value separated with a comma</p>	<p>Answer: D</p>

<p>c. As a List with each element as an element in the list</p> <p>d. As a string with each value separated with a semicolon</p>	
<p>Developer need to verify that the account trigger is working fine without changing Org data. What should the developer do to test the Account trigger? Select one of the following:</p> <p>a. Use the test menu on developer console to run all test classes for the account trigger.</p> <p>b. Use New button on Account tab to create new record</p> <p>c. Use force.com IDE</p> <p>d. Use Execute Anonymous feature on developer console</p>	<p>Answer: A</p>
<p>Which Apex collection is used to ensure all values are unique? Select one of the following:</p> <p>a. An Subject</p> <p>b. Enum</p> <p>c. List</p> <p>d. Set</p>	<p>Answer: D</p>
<p>What is the proper process for an Apex unit test?Select one of the following:</p> <p>a. Create data for testing. Execute runAllTests(). Verify that the results are correct.</p> <p>b. Query for test data using SeeAllData=true. Execute runAllTests(). Verify that the results are correct.</p> <p>c. Create data for testing. Call the method being tested. Verify that the results are correct.</p> <p>d. Query for test data using SeeAllData=true. Call the method being tested. Verify that the results are correct.</p>	<p>Answer: C</p>
<p>How can a developer avoid exceeding governor limits when using an Apex trigger? Choose 2 answers:</p> <p>a. By using Maps to hold data from query results</p> <p>b. By using the Database class to handle DML transactions</p> <p>c. By using a helper class that can be invoked from multiple triggers</p> <p>d. By performing DML transactions on lists of SObjects</p>	<p>Answer: A,D</p>
<p>What is the correct way to describe how Model-View-Controller (MVC) architecture is implemented on the Salesforce platform? Select one of the following:</p> <p>a. Model: Standard and Custom Objects; View: Visualforce</p>	<p>Answer: B</p>

<p>Pages; Controller: s-Controls</p> <p>b. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code</p> <p>c. Model: Schema Builder; View: List Views; Controller: Setup Console</p> <p>d. Model: Apex Code; View: List Views; Controller: Setup Console</p>	
<p>When can a developer use a custom Visualforce page in a Force.com application? Choose 2 answers:</p> <p>a. To deploy components between two organizations</p> <p>b. To create components for dashboards and layouts</p> <p>c. To modify the page layout settings for a custom object</p> <p>d. To generate a PDF document with application data</p>	<p>Answer: B,D</p>
<p>What is a benefit of a Lightning Component framework? Select one of the following:</p> <p>a. Better performance for custom Salesforce1 Mobile apps</p> <p>b. More centralized control via server-side logic</p> <p>c. More pre-built components to replicate the Salesforce look and feel</p> <p>d. Better integration with Force.com sites</p>	<p>Answer: A</p>
<p>What can a lightning component contain in its resource bundle? Choose two answers:</p> <p>a. CSS styles scoped to the component.</p> <p>b. Build scripts for minification.</p> <p>c. Custom Client-side rendering behavior.</p> <p>d. Properties files with global settings.</p>	<p>Answer: A,C</p>
<p>Which statement about change set deployments is accurate? Choose 3 answers:</p> <p>a. They require a deployment connection</p> <p>b. They can be used to transfer Contact records</p> <p>c. They can be used to deploy custom settings data</p> <p>d. They use an all or none deployment model</p> <p>e. They can be used only between related organizations</p>	<p>Answer: A,D,E</p>

# Platform Developer I (WI20) Set 1

Q1. When a user edits the Postal Code on an Account, a custom Account text field named "Timezone" must be updated based on the values in a `PostalCodeToTimezone__c` custom object.

How should a developer implement this feature?

⇒ Build an Account custom trigger

Q2. What should be used to create scratch orgs?

⇒ Salesforce CLI

Q3. Which two are best practices when it comes to component and application event handling?

⇒ Handle low level events in the event handler and re-fire them as higher-level events

⇒ Use component event to communicate actions that should be handled at the application level

Q4. A developer is debugging the following code to determine 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?

⇒ Collect the insert method return value in a SaveResult record.

Q5. Which two operations can be performed by using formula field?

⇒ Displaying an Image based on the Opportunity Amount.

⇒ Calculating a score on a lead based on the information from another field.

Q6. Which three process automations can immediately send an email notification to the owner of an Opportunity when its Amount is changed to be greater than \$10,000?

⇒ Process builder

⇒ Approval process

⇒ Workflow rule

Q7. What is the maximum number of SOQL queries used by the following code?

```
List aList = [SELECT ID FROM Account LIMIT 5];  
for (Account a : aList){  
    List cList = [SELECT ID FROM Contact WHERE AccountID = :a.ID];  
}
```

⇒ 6

Q8. An Approval Process is defined in the `Expensive_Item__c`. A business rule dictates that whenever a user changes the Status to 'Submitted' on an `Expense_Report__c` record, all the `Expense_Item__c` records related to the expense report must enter the approval process individually.

Which approach should be used to ensure the business requirement is met?

- ⇒ Create two Process Builders, one on `Expense_Report__c` to mark the related `Expense_Item__c` as submittable and the second on `Expense_Item__c` to submit the records for approval.

Q9. What are two ways a developer can get the status of an enqueued job for class that implements the queueable interface?

- ⇒ View the Apex Jobs Page
- ⇒ Query the `AsyncApexJob` object

Q10. A developer must provide a custom user interface when users edit a Contact. Users must be able to use the interface in Salesforce Classic and Lightning Experience.

What should the developer do to provide the custom user interface?

- ⇒ Override the Contact's Edit button with a Visualforce page in Salesforce Classic and a Lightning component in Lightning Experience.

Q11. Which three web technologies can be integrated into a Visualforce page?

- ⇒ HTML, CSS, JavaScript

Q12. A custom picklist field, `Food_Preference__c`, exists on a custom object. The picklist contains the following options: 'Vegan', 'Kosher', 'No Preference'. The developer must ensure a value is populated every time a record is created or updated.

What is the most efficient way to ensure a value is selected every time a record is saved?

- ⇒ Make the field as required on field definition

Q13. Universal Containers (UC) uses a custom object called Vendor. The Vendor custom object has a Master-Detail relationship with the standard Account object. Based on some internal discussions, the UC administrator tried to change the Master-Detail relationship to a Lookup relationship but was not able to do so.

What is a possible reason that this change was not permitted?

- ⇒ The Account records contain Vendor roll-up summary fields.

Q14. A `Licensed_Professional__c` custom object exists in the system with two Master-Detail fields for the following objects: `Certification__c` and `Contact`.

Users with the "Certification Representative" role can access the Certification records they own and view the related Licensed Professionals records, however users with the "Sales Representative" role report they cannot view any Licensed Professional records even though they own the associated Contact record.

What are two likely causes of users in the "Sales Representative" role not being able to access the Licensed Professional records?

- ⇒ The organization has a private sharing model for `Certification__c`, and `Certification__c` is the primary relationship in the `Licensed_Professional__c` object.
- ⇒ The organization has a private sharing model for `Certification__c`, and Contact is the primary relationship in the `Licensed_Professional__c` object.

Q15. When using SalesforceDX, what does a developer need to enable to create and manage scratch orgs?

- ⇒ Dev Hub

Q16. Universal Containers has large number of custom applications that were built using a third-party JavaScript framework and exposed using Visualforce pages.

The Company wants to update these applications to apply styling that resembles the look and feel of Lightning Experience.

What should the developer do to fulfill the business request in the quickest and most effective manner?

- ⇒ Set the attribute `enableLightning` to true in the definition.

Q17. A developer created this Apex trigger that calls `MyClass.myStaticMethod`:

```
trigger myTrigger on Contact(before insert)
{
    MyClass.myStaticMethod(trigger.new, trigger.oldMap);
}
```

The developer creates a test class with a test method that calls `MyClass.myStaticMethod`, resulting in 81% overall code coverage.

What happens when the developer tries to deploy the trigger and two classes to production, assuming no other code exists?

- ⇒ The deployment fails because the Apex trigger has no code coverage.

Q18. What is the order of operation when a record is saved in salesforce?

- ⇒ Triggers, workflow, process flows, commit

Q19. How many Accounts will be inserted by the following block of code?

```
for(Integer i = 0 ; i<500; i++){
    Account a = new Account (Name='New Account' + i);
    insert a;
}
```

- ⇒ 0 or 150

Q20. A developer considers the following snippet of code:

```
Boolean isoK;
Integer x;
String theString = 'Hello';

if (isoK == false && theString == 'Hello'){
    x = 1;
}
```

```

} else if (isoK == true && theString == 'Hello'){
    x=2;
} else if (isoK!= null && thestring == 'Hello'){
    x=3;
} else {
    x=4;
}

```

Based on this code, what is the value of x?

⇒ 4

Q21. A developer writes a trigger on the Account object on the before update event that increments a count field. A workflow rule also increments the count field every time that an Account is created or updated. the field update in the workflow rule is configured to re-evaluate workflow rules.

What is the value of the count field if an account is inserted with initial value 0, assuming no other automation logic is implemented on the Account?

⇒ 2 or 3

Q22. Application Events follow the traditional publish-subscribe model.

Which method is used to fire an event?

⇒ Fire

Q23. How should a developer write unit tests for a private method in an Apex class?

⇒ Use the TestVisible annotation

Q24. Universal Containers (UC) decided it will not send emails to support personnel directly from Salesforce in the event that an unhandled exception occurs.

Instead, UC wants an external system be notified of the error.

What is the appropriate publish/subscribe logic to meet these requirements?

⇒ Publish the error event using the addError() method and have the external system subscribe to the event using CometD.

Q25. Publish the error event using the EventBus.publish() method and have the external system subscribe to the event using CometD.

⇒ The number of records returned from database queries

Q26. If apex code executed inside the execute() method of an Apex class when implementing the Batchable interface, which two statement are true regarding governor limits?

⇒ The Apex governor limits might be higher due to the asynchronous nature of the transaction.

⇒ The Apex governor limits are reset for each iteration of the execute () method.

Q27. A developer write apex code that calls out to an external system.

How should a developer write the test to provide test coverage?

⇒ Write a class that implements the HTTPCalloutMock interface.



Q28. Cloud Kicks Fitness, an ISV Salesforce partner, is developing a managed package application. One of the application modules allows the user to calculate body fat using the Apex class, BodyFat, and its method, calculateBodyFat(). The product owner wants to ensure this method is accessible by the consumer of the application when developing customizations outside the ISV's package namespace.

⇒ Declare the class and method using the global access modifier.

Q29. A developer wants to import 500 Opportunity records into a sandbox.

Why should the developer choose to use data loader instead of data import wizard?

⇒ Data Import Wizard does not support Opportunities.

Q30. A developer has a Visualforce and custom controller to save Account records. The developer wants to display any validation rule violations to the user.

How can the developer make sure that validation rule violations are displayed?

⇒ Include on the Visualforce page.

Q31. Universal Containers wants a list button to display a Visualforce page that allows users to edit multiple records.

Which Visualforce feature supports this requirement?

⇒ recordSetVar page attribute.

Q32. Which salesforce feature allows a developer to see when a user last logged into salesforce if real-time notification is not required?

⇒ event Monitoring log.

Q33. A developer has an integer variable called maxAttempts. The developer needs to ensure that once maxAttempts is initialized, it preserves its value for the length of the Apex transaction; while being able to share the variable's state between trigger executions.

How should the developer declare maxAttempts to meet these requirements?

⇒ Declare maxAttempts as a constant using the static and final keywords.

Q34. Which process automation should be used to send an outbound message without using apex code?

⇒ Workflow rule

Q35. In terms of the MVC paradigm, what are two advantages of implementing the view layer of a Salesforce application using Aura Component based development over Visualforce?

- ⇒ Self-contained and reusable units of an application
- ⇒ Rich component ecosystem

Q36. Universal container stores orders and line items in salesforce. For security reasons, financial representatives are allowed to see informations on the order such as order amount, but they are not allowed to see the Line Items on the order.

Which type of relationship should be used?

- ⇒ Master-Detail

Q37. 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 permissions for the currently logged-in user while using the custom search tool?

- ⇒ Use the with sharing keyword on the class declaration.

Q38. A developer observes that an Apex test method fails in the Sandbox. To identify the issue, the developer copies the code inside the test method and executes it via the Execute Anonymous tool in the Developer Console. The code then executes with no exceptions or errors.

Why did the test method fail in the sandbox and pass in the Developer Console?

- ⇒ The test method relies on existing data in the sandbox.

Q39. A developer has an apex controller for a Visualforce page that takes an ID as URL parameter.

How should the developer prevent a cross site scripting vulnerability?

- ⇒ `Apexpages.current pages().getParameter().get('url param').escapeHtml4()`

D

Why would a developer use Test.startTest( ) and Test.stopTest( )?

- A. To avoid Apex code coverage requirements for the code between these lines
- B. To start and stop anonymous block execution when executing anonymous Apex code
- C. To indicate test code so that it does not impact Apex line count governor limits.
- D. To create an additional set of governor limits during the execution of a single test class.

B

What must the Controller for a Visualforce page utilize to override the Standard Opportunity view button?

- A. The StandardSetController to support related lists for pagination.
- B. the Opportunity StandardController for pre-built functionality.
- C. A callback constructor to reference the StandardController.
- D. A constructor that initializes a private Opportunity variable.

A

A developer uses a before insert trigger on the Lead object to fetch the Territory\_\_c object, where the Territory\_\_c.PostalCode\_\_c matches the Lead.PostalCode. The code fails when the developer uses the Apex Data Loader to insert 10,000 Lead records. The developer has the following code block:

```
Line-01: for (Lead l : Trigger.new){  
Line-02: if (l.PostalCode != null) {  
Line-03: List<Territory__c> terrList = [SELECT Id FROM Territory__c WHERE  
PostalCode__c = :l.PostalCode];  
Line-04: if(terrList.size() > 0)  
Line-05: l.Territory__c = terrList[0].Id;  
Line-06: }  
Line-07: }
```

Which line of code is causing the code block to fail?

- A. Line-03: A SOQL query is located inside of the for loop code.
- B. Line-01: Trigger:new is not valid in a before insert Trigger.
- C. Line-02: A NullPointerException is thrown if PostalCode is null.
- D. Line-05: The Lead in a before insert trigger cannot be updated.

A

What would a developer do to update a picklist field on related Opportunity records when a modification to the associated Account record is detected?

- A. Create a process with Process Builder.
- B. Create a workflow rule with a field update.
- C. Create a Lightning Component.
- D. Create a Visualforce page.

A, B

Which requirement needs to be implemented by using standard workflow instead of Process Builder?

Choose 2 answers

- A. Create activities at multiple intervals.
- B. Send an outbound message without Apex code.
- C. Copy an account address to its contacts.
- D. Submit a contract for approval.

A, B

An org has different Apex Classes that provide Account -related functionality. After a new validation rule is added to the object, many of the test methods fail. What can be done to resolve the failures and reduce the number of code changes needed for future validation rules?

Choose 2 answers:

- A. Create a method that creates valid Account records, and call this method from within test methods.
- B. Create a method that loads valid Account records from a Static Resource, and call this method within test methods.
- C. Create a method that performs a callout for a valid Account record, and call this method from within test methods.
- D. Create a method that queries for valid Account records, and call this method from within test methods.

A, B

Which component is available to deploy using Metadata API?

Choose 2 answers

- A. Case Layout
- B. Account Layout
- C. Case Feed Layout
- D. ConsoleLayout

B

In the code below, what type does Boolean inherit from?

```
Boolean b= true;
```

- A. Enum
- B. Object
- C. String
- D. Class

D

What is the preferred way to reference web content such as images, style sheets, JavaScript, and other libraries that is used in Visualforce pages?

- A. By accessing the content from Chatter Files.
- B. By uploading the content in the Documents tab.
- C. By accessing the content from a third -party CON.
- D. By uploading the content as a Static Resource.

B

A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to a parent Account in Salesforce. Which kind of relationship would a developer use to relate the Account to the Warehouse?

- A. One -to -Many
- B. Lookup
- C. Master -Detail
- D. Parent -Child

D

A developer creates a Workflow Rule declaratively that updates a field on an object. An Apex update trigger exists for that object. What happens when a user updates a record?

- A. No changes are made to the data.
- B. Both the Apex Trigger and Workflow Rule are fired only once.
- C. The Workflow Rule is fired more than once.
- D. The Apex Trigger is fired more than once.

A, D

What is true for a partial sandbox that is not true for a full sandbox?

Choose 2 answers:

- A. More frequent refreshes.
- B. Only Includes necessary metadata.
- C. Use of change sets.
- D. Limited to 5 GB of data.

A

In which order does Salesforce execute events upon saving a record?

- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit
- B. Validation Rules; Before Triggers; After Triggers; Workflow Rules; Assignment Rules; Commit
- C. Before Triggers; Validation Rules; After Triggers; Workflow Rules; Assignment Rules; Commit
- D. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit

A, B

When loading data into an organization, what can a developer do to match records to update existing records?

Choose 2 answers

- A. Match an external Id Text field to a column in the imported file.
- B. Match the Id field to a column in the Imported file.
- C. Match the Name field to a column in the imported file.
- D. Match an auto-generated Number field to a column in the imported file.

A

In an organization that has enabled multiple currencies, a developer needs to aggregate the sum of the Estimated\_value\_\_c currency field from the CampaignMember object using a roll-up summary field called Total\_estimated\_value\_\_c on Campaign.

How is the currency of the Total\_estimated\_value\_\_c roll-up summary field determined?

- A. The values in Campaignmember.Estimated\_value\_\_c are converted into the currency of the Campaign record and the sum is displayed using the currency on the Campaign record.
- B. The values in CampaignMember.Estimated\_value\_\_c are converted into the currency on the majority of the CampaignMember records and the sum is displayed using that currency.
- C. The values in CampaignMember.Estimated\_value\_\_c are summed up and the resulting Total\_estimated\_value\_\_c field is displayed as a numeric field on the Campaign record.
- D. The values In CampaignMember.Estimated\_value\_\_c are converted into the currency of the current user, and the sum is displayed using the currency on the Campaign record.

C

A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting, that application cannot be modified to be resubmitted to a different job posting.

What can the administrator do to associate an application with each job posting in the schema for the organization?

- A. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- B. Create a master-detail relationship in the Job Postings custom object to the Applications custom object.
- C. Create a master-detail relationship in the Application custom object to the Job Postings custom object.
- D. Create a lookup relationship in the Applications custom object to the Job Postings custom object.

A, C

What is a characteristic of the Lightning Component Framework?

Choose 2 answers:

- A. It has an event-driven architecture.
- B. It works with existing Visualforce pages.
- C. It includes responsive components.
- D. It uses XML as its data format.

A, B, E

What is a capability of cross-object formula fields?

Choose 3 answers

- A. Formula fields can reference fields from master-detail or lookup parent

relationships.

B. Formula fields can expose data the user does not have access to in a record.

C. Formula fields can be used in three roll-up summaries per object.

D. Formula fields can reference fields in a collect of records from a child relationship.

E. Formula fields can reference fields from objects that are up to 10 relationships away.

D

A developer has a block of code that omits any statements that indicate whether the code block should execute with or without sharing.

What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the Salesforce organization?

A. Apex Triggers

B. HTTP Callouts

C. Apex Controllers

D. Anonymous Blocks

D

A developer created an Apex trigger using the Developer Console and now wants to debug code

How can the developer accomplish this in the Developer Console?

A. Select the Override Log Triggers checkbox for the trigger

B. Add the user name in the Log Inspector.

C. Open the Progress tab in the Developer Console.

D. Open the logs tab in the Developer Console.

A

Which data structure is returned to a developer when performing a SOSL search?

A. A list of lists of sObjects.

B. A map of sObject types to a list of sObjects

C. A map of sObject types to a list of lists of subjects

D. a list of sObjects.

C, D

How can a developer avoid exceeding governor limits when using an Apex Trigger?  
choose 2 answers

A. By using a helper class that can be invoked from multiple triggers.

B. By using the Database class to handle DML transactions.

C. By using Maps to hold data from query results.

D. By performing DML transactions on lists of SObjects.

C

What is a correct pattern to follow when programming in Apex on a Multi-tenant platform?

A. Apex code is created in a separate environment from schema to reduce deployment errors.

B. DML is performed on one record at a time to avoid possible data concurrency

issues.

C. Queries select the fewest fields and records possible to avoid exceeding governor limits.

D. Apex classes use the "with sharing" keyword to prevent access from other server tenants.

B, C

What should a developer working in a sandbox use to exercise a new test Class before the developer deploys that test production?

Choose 2 answers

A. The REST API and ApexTestRun method

B. The Apex Test Execution page in Salesforce Setup.

C. The Test menu in the Developer Console.

D. The Run Tests page in Salesforce Setup.

D

A company that uses a Custom object to track candidates would like to send candidate information automatically to a third -party human resource system when a candidate is hired.

What can a developer do to accomplish this task?

A. Create an escalation rule to the hiring manager.

B. Create an auto response rule to the candidate.

C. Create a Process Builder with an outbound message action.

D. Create a workflow rule with an outbound message action.

A

A developer is creating an application to track engines and their parts. An individual part can be used in different types of engines.

What data model should be used to track the data and to prevent orphan records.

A. Create a junction object to relate many engines to many parts though a master - detail relationship.

B. Create a master -detail relationship to represent the one -to -many model of engines to parts

C. Create a lookup relationship to represent how each part relates to the parent engine object.

D. Create a junction object to relate many engines to many parts through a lookup relationship.

A, B

What is the accurate statement about with sharing keyword?

choose 2 answers

A) Inner class donot inherit the sharing setting from the container class

B) Both inner and outer class can be declared as with sharing

C) Either inner class or outer classes can be declared as with sharing but not both

D) Inner class inherit the sharing setting from the conatiner class

A, B

How can a developer refer to, or instantiate a PageReference in Apex?

Choose 2 answers



- A. By using a PageReference with a partial or full URL.
- B. By using the Page object and a Visualforce page name.
- C. By using the ApexPages.Page() method with a Visualforce page name.
- D. By using the PageReference.Page() method with a partial or full URL.

C

Which standard field needs to be populated when a developer inserts new Contact records programmatically?

- A. AccountId
- B. Name
- C. LastName
- D. FirstName

C

A developer creates a new Visualforce page and Apex extension, and writes test classes that exercise 95% coverage of the new Apex extension.

Change set deployment to production fails with the test coverage warning: "Average test coverage across all Apex classes and triggers is 74%, at least 75% test coverage is required."

What can the developer do to successfully deploy the new Visualforce page and extension?

- A. Create test classes to exercise the Visualforce page markup.
- B. Select "Disable Parallel Apex Testing" to run all the tests.
- C. Add test methods to existing test classes from previous deployments.
- D. Select "Fast Deployment" to bypass running all the tests.

A

What is the minimum log level needed to see user generated debug statements?

- A. DEBUG
- B. FINE
- C. INFO
- D. WARN

A, C

Developer needs to automatically populate the ReportsTo field in a Contact record based on the values of the related Account and Department fields in the Contact record.

Which type of trigger would the developer create?

Choose 2 answers

- A. before update
- B. after insert
- C. before insert
- D. after update

B

To which primitive data type in Apex is a currency field atomically assigned?

- A. Integer
- B. Decimal
- C. Double
- D. Currency

C, D

Which resource can be included in a Lightning Component bundle?

Choose 2 answers

- A. Apex class
- B. Adobe Flash
- C. JavaScript
- D. Documentation

A, B

A custom exception "RecordNotFoundException" is defined by the following code of block.

```
public class RecordNotFoundException extends Exception()
```

which statement can a developer use to throw a custom exception?

choose 2 answers

- A. `throw new RecordNotFoundException("problem occurred");`
- B. `throw new RecordNotFoundException();`
- C. `throw RecordNotFoundException("problem occurred");`
- D. `throw RecordNotFoundException();`

D

When creating unit tests in Apex, which statement is accurate?

- A. Unit tests with multiple methods result in all methods failing every time one method fails.
- B. Increased test coverage requires large test classes with many lines of code in one method.
- C. Triggers do not require any unit tests in order to deploy them from sandbox to production.
- D. System Assert statements that do not Increase code coverage contribute important feedback in unit tests

B

```
public class customController {  
    public string cString { get; set;}
```

```
    public string getStringMethod1(){  
        return cString;  
    }
```

```
    public string getStringMethod2(){  
        if(cString == null)  
            cString = 'Method2';  
        return cString;  
    }  
}
```

```
<apex:page controller="customController">
{!cString}, {!StringMethod1}, {!StringMethod2}, {!cString}
</apex:page>
```

What does the user see when accessing the custom page?

- A. getMyString,
- B. , , Method2,
- C. Method2, getMyString
- D. getMyString,, Method2, getMyString

B

What is a valid Apex statement?

- A. Map conMap = (SELECT Name FROM Contact);
- B. Account[] acctList = new List<Account>{new Account()}
- C. Integer w, x, y = 123, z = 'abc',
- D private static constant Double rate = 775;

D

A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL

Which statement is unnecessary inside the unit test for the custom controller?

- A. public ExtendedController (ApexPages.StandardController cntrl) { }
- B. ApexPages.currentPage().getParameters().put('input', 'TestValue')
- C. Test.setCurrentPage(pageRef),
- D. String nextPage = controller.save().getUrl();

A, B

A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field. The Case object and the Case Status field are on a custom visualforce page.

Which action can the developer perform to get the record types and picklist values in the controller?

Choose 2 answers

- A. Use Schema.PicklistEntry returned by Case Status  
getDescribe().getPicklistValues().
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType  
getDescribe().getRecordTypeInfo()
- C. Use SOQL to query Case records in the org to get all the RecordType values available for Case.
- D. Use SOQL to query Case records in the org to get all value for the Status picklist field.

B

An sObject named Application\_c has a lookup relationship to another sObject named Position\_c. Both Application\_c and Position\_c have a picklist field named Status\_c. When the Status\_c field on Position\_c is updated, the Status\_c field on Application\_c needs to be populated automatically with the same value, and execute a workflow rule on Application\_c.

How can a developer accomplish this?

- A. By changing Application\_c.Status\_c into a roll -up summary field.
- B. By changing Application\_c.Status\_c into a formula field.
- C. By using an Apex trigger with a DML operation.
- D. By configuring a cross-object field update with a workflow.

B

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created?

When will the email be sent?

- A. Before Trigger execution
- B. After Committing to database.
- C. Before Committing to database
- D. After Trigger execution.

B, C

Which code represents the Controller in MVC architecture on the Force.com platform.

Choose 2 answers

- A. JavaScript that is used to make a menu item display itself.
- B. StandardController system methods that are referenced by Visualforce.
- C. Custom Apex and JavaScript code that is used to manipulate data.
- D. A static resource that contains CSS and Images.

B, D

A developer needs to provide a Visualforce page that lets users enter Product specific details during a Sales cycle.

How can this be accomplished?

Choose 2 answers

provide Product data entry.

- A. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry.
- C. Copy the standard page and then make a Visualforce page for product data entry.
- D. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify.

A

A developer writes a before insert trigger.

How can the developer access the incoming records in the trigger body?

- A. By accessing the Trigger.new context variable.
- B. By accessing the Trigger.newRecords context variable.
- C. By accessing the Trigger.newMap context variable.
- D. By accessing the Tripper.newList context variable.

B

A developer in a Salesforce org with 100 Accounts executes the following code using the Developer console:

```
Account myAccount = new Account(Name = 'MyAccount');
Insert myAccount;
For (Integer x = 0; x < 250; x++)
Account newAccount = new Account (Name='MyAccount' + x);
try {
Insert newAccount;
}
catch (Exception ex) {
System.debug (ex) ;
}
insert new Account (Name='myAccount');
```

How many accounts are in the org after this code is run?

- A. 101
- B. 100
- C. 102
- D. 252

D

The Review\_c object have a lookup relationship to the job\_Application\_c object. The job\_Application\_c object has a master detail relationship up to the position\_c object. The relationship is based on the auto populated defaults?

What is the recommended way to display field data from the related Review \_C records a Visualforce page for a single Position\_c record?

Select one of the following:

- A. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Job\_Application\_c object to display Review\_c data.
- B. Utilize the Standard Controller for Position\_c and a Controller Extension to query for Review\_c data.
- C. Utilize the Standard Controller for Position\_c and expression syntax in the Page to display related Review\_c through the Job\_Application\_c inject.
- D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

B, D

What is a capability of the Force.com IDE?  
Choose 2 answers

- A. Roll back deployments.
- B. Run Apex tests.
- C. Download debug logs.
- D. Edit metadata components.

D

Which code segment can be used to control when the dowork() method is called?

- A. for (Trigger.isRunning t: Trigger.new)  
{  
dowork();  
}
- B. if(Trigger.isRunning)  
dowork();
- C. for (Trigger.isInsert t: Trigger.new)  
{  
dowork();  
}
- D. if(Trigger.isInsert)  
dowork();

A, C

When would a developer use a custom controller instead of a controller extension?  
Choose 2 answers:

- A. When a Visualforce page needs to replace the functionality of a standard controller.
- B. When a Visualforce page does not reference a single primary object.
- C. When a Visualforce page should not enforce permissions or field-level security.
- D. When a Visualforce page needs to add new actions to a standard controller.

A, B

What is a valid statement about Apex classes and interfaces?  
Choose 2 answers:

- A. The default modifier for a class is private.
- B. Exception classes must end with the word exception.
- C. A class can have multiple levels of inner classes.
- D. The default modifier for an interface is private.

C

A developer has the following trigger that fires after insert and creates a child Case whenever a new Case is created.

```
List<Case> childCases = new List<Case>();  
for (Case parent : Trigger.new){  
    Case child = new Case(ParentId = parent.Id, Subject = parent.Subject);  
    childCases.add(child);  
}  
insert childCases;
```

What happens after the code block executes?

- A. Multiple child cases are created for each parent case in Trigger.new.
- B. child case is created for each parent case in Trigger.new.
- C. The trigger enters an infinite loop and eventually fails.
- D. The trigger fails if the Subject field on the parent is blank.

B

A Developer wants to create a custom object to track Customer Invoices.

How should Invoices and Accounts be related to ensure that all Invoices are visible to everyone with access to Account?

- A. The Account should have a Lookup relationship to the Invoice.
- B. The Invoice should have a Master -Detail relationship to the Account.
- C. The Account should have a Master -Detail relationship to the Invoice.
- D. The Invoice should have a Lookup relationship to the Account.

A, D

What is a valid source and destination pair that can send or receive change sets?  
Choose 2 answers:

- A. Sandbox to production.
- B. Developer edition to sandbox.
- C. Developer edition to production.
- D. Sandbox to sandbox.

C

A developer needs to create records for the object Property\_\_c .The developer creates the following code block:

```
01 List<Property__c> propertiesToCreate =helperClass.CreateProperties();
02 try {
03
04 } catch (Exception exp) {
05 //Exception handling
06 }
```

Which line of code would the developer insert at line 03 to ensure that at least some records are created, even if a record have errors and fails to be created?

- A. Database.insert(propertiesToCreate, System.ALLOW\_PARTIAL);
- B. insert propertiesToCreate,
- C. Database.insert(propertiesToCreate, false);
- D. Database.insert(propertiesToCreate)

C

When the number of record in a recordset is unknown, which control statement should a developer use to implement a set of code that executes for every record in the recordset, without performing a .size() or .length() method call?

- A. For (init\_stmt, exit\_condition; increment\_stmt) { }
- B. Do { } While (Condition)
- C. For (variable : list\_or\_set) { }
- D. While (Condition) { ... }

B

What is the result when a Visualforce page calls an Apex controller, which calls another Apex class, which then results in hitting a governor limit?

- A. Any changes up to the error are saved.
- B. Any changes up to the error are rolled back.
- C. All changes before a savepoint are saved.
- D. All changes are saved in the first Apex class.

C

A developer has the following code block:

```
public class PaymentTax {  
    public static decimal SalesTax = 0.0875;  
}
```

```
trigger OpportunityLineItemTrigger on OpportunityLineItem (before insert, before  
update) {  
    PaymentTax PayTax = new PaymentTax();  
    decimal ProductTax = ProductCost * XXXXXXXXXXXXX;  
}
```

To calculate the productTax, which code segment would a developer insert at the XXXXXXXXXXXXX to make the value the class variable SalesTax accessible within the trigger?

- A. SalesTax
- B. PayTax.SalesTax
- C. PaymentTax.SalesTax
- D. OpportunityLineItemTngger.SalesTax

A

On a Visualforce page with a custom controller, how should a developer retrieve a record by using an ID that is passed on the URL?

- A. Use the constructor method for the controller.
- B. Use the \$Action.View method in the Visualforce page.
- C. Create a new PageReference object with the Id.
- D. Use the <apex:detail> tag in the Visualforce page.

A

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created.

When will the email be sent?

- A. After Committing to database.
- B. Before Committing to database. Calculator
- C. Before Trigger execution.
- D. After Trigger execution.

D

A developer creates an Apex helper class to handle complex trigger logic. How can the helper class warn users when the trigger exceeds DML governor limits?

- A. By using ApexMessage.Message() to display an error message after the number



of DML statements is exceeded

B. By using Messaging.SendEmail() to continue the transaction and send an alert to the user after the number of DML statements is exceeded

C. By using PageReference.setRedirect() to redirect the user to a custom Visualforce page before the number of DML statements is exceeded.

D. By using Limits.getDMLRows() and then displaying an error message before the number of DML statements is exceeded.

A, C

Which user can edit a record after it has been locked for approval?

Choose 2 answers

A. An administrator.

B. Any user who approved the record previously.

C. A user who is assigned as the current approver.

D. Any user- with a higher role in the hierarchy.

C, D

Which type of information is provided by the Checkpoints tab in the Developer Console?

Choose 2 answers

A. Exception

B. Debug Statement

C. Namespace

D. Time

C

What is the proper process for an Apex Unit Test?

A. Query for test data using SeeAllData=true. Call the method being tested. Verify that the results are correct

B. Create data for testing. Execute runAllTests(). Verify that the results are correct.

C. Create data for testing. Call the method being tested. Verify that the results are correct.

D. Query for test data using SeeAllData=true. Execute runAllTests(). Verify that the results are correct.

C, D, E

Which declarative method helps ensure quality data?

Choose 3 answers

A. Exception handling

B. Workflow alerts

C. Validation rules

D. Lookup filters

E. Page layouts

A

What is an accurate constructor for a custom controller named "MyController"?

A. `public MyController() {  
account = new Account();  
}`

B. `public MyController(SObject obj) {  
account = (Account) obj;  
}`

C. `public MyController(List<SObject> objects) {  
accounts = (List<Account>)objects;  
}`

D. `public MyController(ApexPages.StandardController stdController) {  
account = (Account)stdController.getRecord();  
}`

C, D

A company wants a recruiting app that models candidates and interviews; displays the total number of interviews each candidate record; and defines security on interview records that is independent from the security on candidate records. What would a developer do to accomplish this task?

Choose 2 answers

A. Create a roll -up summary field on the Candidate object that counts Interview records.

B. Create a master -detail relationship between the Candidate and Interview objects.

C. Create a lookup relationship between the Candidate and Interview objects.

D. Create a trigger on the Interview object that updates a field on the Candidate object.

A, C

What is a good practice for a developer to follow when writing a trigger?

Choose 2 answers

A. using the Map data structure to hold query results by ID.

B. Using @future methods to perform DML operations.

C. Using the set data structure to ensure distinct records.

D. Using synchronous callouts to call external systems

D

Which code block returns the ListView of an Account object using the following debug statement?

`system. debug (controller. getListViewOptions ( ) ) ;`

A. `ApexPages.StandardSetController controller = new`

`ApexPages.StandardSetController([SELECT Id FROM Account LIMIT 1]);`

B. `ApexPages.StandardController controller = new`

`ApexPages.StandardController(Database.getQueryLocator('select Id from Account Limit 1'));`

C. `ApexPages.StandardController controller = new`

`ApexPages.StandardController ( [SELECT Id FROM Account LIMIT 1]);`

D. `ApexPages.StandardSetController controller = new`

`ApexPages.StandardSetController(Database.getQueryLocator('select Id from Account Limit 1'));`

B, C, D

Which data type or collection of data types can SOQL statements populate or evaluate to?

Choose 3 answers

- A. A Boolean
- B. An integer
- C. A list of sObjects
- D. A single sObject
- E. A string

C, D

Which action can a developer perform in a before update trigger?

Choose 2 answers

- A. Update the original object using an update DML operation.
- B. Delete the original object using a delete DML operation.
- C. Change field values using the Trigger.new context variable.
- D. Display a custom error message in the application interface.

B, D

Where can debug log filter settings be set?

Choose 2 answers

- A. The Filters link by the monitored user's name within the web UI.
- B. The Show More link on the debug log's record.
- C. On the monitored user's name.
- D. The Log Filters tab on a class or trigger detail page.

A, B

What is the value of x after the code segment executes?

```
String x = 'A';
Integer i = 10;
if(i < 15 ){
    i = 15;
    x = 'B';
}
else if (i < 20 ){
    x = 'C';
}
else {
    x = 'D';
}
```

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

A, C

When can a developer use a custom Visualforce page in a Force.com application?

Choose 2 answers

- A. To create components for dashboards and layouts.
- B. To deploy components between two organizations.
- C. To generate a PDF document with application data.
- D. To modify the page layout settings for a custom object.

A

Which statement about the Lookup Relationship between a Custom Object and a Standard Object is correct?

- A. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object.
- B. The Lookup Relationship cannot be marked as required on the page layout for the Custom Object.
- C. The Custom Object will be deleted when the referenced Standard Object is deleted.
- D. The Custom Object inherits security from the referenced Standard Objects

C

A reviewer is required to enter a reason in the comments field only when a candidate is recommended to be hired.

Which action can a developer take to enforce this requirement?

- A. Create a required comments field.
- B. Create a formula field.
- C. Create a validation rule.
- D. Create a required Visualforce component.

C

The Sales Management team hires a new intern. The intern is not allowed to view Opportunities, but needs to see the Most Recent Closed Date of all child Opportunities when viewing an Account record.

What would a developer do to meet this requirement?

- A. Create a Workflow Rule on the Opportunity object that updates a field on the parent Account.
- B. Create a formula field on the Account object that performs a MAX on the Opportunity Close Date field.
- C. Create a roll-up summary field on the Account object that performs a MAX on the Opportunity Close Date field
- D. Create a trigger on the Account object that queries the Close Date of the most recent Opportunities.

A

On which object can an administrator create a roll-up summary field?

- A. Any object that is on the master side of a master-detail relationship.
- B. Any object that is on the parent side of a lookup relationship.
- C. Any object that is on the detail side of a master-detail relationship.
- D. Any object that is on the child side of a lookup relationship.

B

A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object.

How can a developer display data from the parent record on the page?

- A. By using SOQL on the Visualforce page to query for data from the parent record.
- B. By using merge field syntax to retrieve data from the parent record.
- C. By adding a second standard controller to the page for the parent record.
- D. By using a roll-up formula field on the child record to include data from the parent record.

A

A developer needs to create a Visualforce page that will override standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address. Where would the developer write the Account address verification logic?

- A. In a Controller Extension.
- B. In a Custom Controller.
- C. In a Standard Controller.
- D. In a Standard Extension.

B

A developer wants to list all of the Tasks for each Account on the Account detail page. When a Task is created for a Contact what does the developer need to do to display the Task on the related Account record?

- A. Create an Account formula field that displays the Task information.
- B. Nothing. The Task is automatically displayed on the Account page.
- C. Create a Workflow Rule to relate the Task to the Contact's Account.
- D. Nothing. The Task cannot be related to an Account and a Contact.

B, C

What is a capability of a StandardSetController?  
Choose 2 answers

- A. It extends the functionality of a standard or custom controller
- B. It allows pages to perform mass updates of records.
- C. It allows pages to perform pagination with large record sets.
- D. It enforces field -level security when reading large record sets.

D

A developer has the following code.

```
try
{
    List<String> nameList;
    Account a;
    String s = a.Name;
    nameList.add(s);
}
catch (ListException le)
{
```

```

System.debug('List Exception');
}
catch (NullPointerException npe)
{
System.debug('NullPointerException');
}
catch (Exception e)
{
System.debug('Generic Exception');
}

```

What message would be logged?

- A. No message is logged
- B. Generic Exception
- C. List Exception
- D. NullPointerException

A, B, C

Which statement about change set deployments is accurate?

Choose 3 answers

- A. They can be used only between related organizations.
- B. They require a deployment connection.
- C. They use an all or none deployment model.
- D They can be used to transfer Contact records.
- E. They can be used to deploy custom settings data.

B

How would a developer use Schema Builder to delete a custom field from the Account object that was required for prototyping but is no longer needed?

- A. Remove all the references In the code and then the field will be removed from Schema Builder.
- B. Remove all references from the code and then delete the custom field from Schema Builder.
- C. Mark the field for deletion in Schema Builder and then delete it from the declarative UI.
- D. Delete the field from Schema Builder and then all references in the code will be removed.

B, C, A

What is an accurate statement about variable scope?

Choose 3 answers

- A. Sub -blocks cannot reuse a parent block's variable name.
- B. A variable can be defined at any point in a block.
- C. Parallel blocks can use the same variable name.
- D. Sub -blocks can reuse a parent block's variable name if its value is null.
- E. A static variable can restrict the scope to the current block if its value is null.

A, B

When the value of a field in an account record is updated, which method will update the value of custom field in related opportunities?

Choose 2 answers

- A. An Apex trigger on the Account object.
- B. A Process Builder on the Account object.
- C. A cross-object formula field on the Account object.
- D. A Workflow Rule on the Account object.

D

A developer creates an Apex class that includes private methods. What can the developer do to ensure that the private methods can be accessed by the test class?

- A. Add the TestVisible attribute to the Apex class.
- B. Add the SeeAllData attribute to the test methods.
- C. Add the SeeAllData attribute to the test class.
- D. Add the TestVisible attribute to the Apex methods.

C

Which scenario is invalid for execution by unit tests.

- A. Executing methods for negative test scenario.
- B. Executing methods as different users.
- C. Loading test data in place of user input for Flows.
- D. Load the standard Pricebook ID using a system method.

D

A developer runs the following anonymous code block:

```
List<Account> acc = [SELECT Id FROM Account LIMIT 10];
```

```
Delete acc;
```

```
Database.emptyRecycleBin(acc);
```

```
system.debug(Limits.getDMLStatements()+ 1, 1 +Limits.getLimitDMLStatements());
```

What is the result?

- A. 11, 150
- B. 150, 2
- C. 150, 11
- D. 2, 150

E, B, C

Where can custom roll-up summary fields be created using Standard Object relationships?

Choose 3 answers

- A. On Account using Case records.
- B. On Account using Opportunity records.
- C. On Opportunity using Opportunity Product records.
- D. On Quote using Order records.
- E. On Campaign using Campaign Member records.

D

A developer has following query

```
Contact c = [SELECT Id, FirstName, LastName, Email FROM Contact WHERE  
LastName = 'Smith'];
```

What does the query return if there is no Contact with the last name "Smith"?

- A. A Contact with empty values.
- B. A Contact initialized to null.
- C. An empty List of Contacts.
- D. An error that no rows are found.

B

What is an important consideration when in a multi-tenant environment?

- A. Polyglot persistence provides support for a global, multilingual user base in multiple orgs on multiple instances
- B. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance
- C. Unique domain names takes the place of namespace for code developed for multiple orgs for multiple instances
- D. Org-wide data security determines whether other tenants can see data in multiple orgs on the same inst

C, D

In the Lightning Component framework, which resource can be used to fire events?  
Choose 2 answers

- A. Visualforce controller options
- B. Third-party web service code
- C. Third-party Javascript code
- D. Javascript controller actions

C, D, E

What is the capability of formula fields?  
Choose 3 answers

- A. Display the previous value for the field using the PRIORVALUE function.
- B. Return and display a field value from another object using a VLOOKUP function.
- C. Determine which of three different images to display using IF function.
- D. Generate the link using the HYPERLINK function using a specific record in a legacy system.
- E. Determine if a datetime field has passed using the NOW function.

C

In a single record, a user selects multiple values from a multi-select picklist.  
How are the selected values represented in Apex?

- A. As a String with each value separated by a comma.
- B. As a List<String> with each value as a element in the list.
- C. As a String with each value separated by semi colon.
- D. As a Set<String> with each value as a element in the set.



A, B

What is the capability of Force.com IDE?

Choose 2 answers

- A. Edit metadata components
- B. Run Apex tests
- C. Run debug logs
- D. Roll back deployments

B

A Hierarchy Custom Setting stores a specific URL for each profile in Salesforce. Which statement can a developer use to retrieve the correct URL for the current user's profile and display this Visualforce Page?

- A. `{!$Setup.Url_Settings_c.Instance[Profile.Id].URL__c}`
- B. `{!$Setup.Url_Settings_c.URL__c}`
- C. `{!$Setup.Url_Settings_c[Profile.Id,URL__c]}`
- D. `{!$Setup.Url_Settings_c[$Profile.Id,URL__c]}`

C

A developer writes a SOQL query to find child records for a specific parent  
How many specific levels can be returned in a single query?

- A.3
- B.5
- C.1
- D.7

A, C

A developer needs to know if all tests currently pass in salesforce environment  
Which feature can the developer use?

Choose 2 answers

- A. Developer Console.
- B. ANT Migration Tool
- C. Salesforce UI Apex Test Execution
- D. Workbench Metadata Retrieval

B, C

Which statement should a developer avoid using inside procedural loops?

Choose 2 answers

- A. `System.debug('Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime());`
- B. `update contactList;`
- C. `List<Contact> contacts = [select id, salutation, firstname, lastname, email from Contact where account =a.id;`
- D. `if(o.accountid== aid)`

C

which statement would a developer use when creating test data for products and pricebooks?

A.List objList = Test.loadData(Account.sObjectType,'myResource');  
B.Pricebook pb= new Pricebook();  
C.Id pricebookId=Test.getStandardPricebookId();  
D.IsTest(SeeAllData=false);

B

How can a developer determine from the DescribeSObjectResult if the current user will be able to create record an object in apex?

- A By using the hasAccess() Method.
- B. By using the isCreatable() method.
- c. By using the isInsertable() method.
- D. By using the canCreate() method.

A, C

What is a valid statement about Apex classes and interfaces?  
Choose 2 answers

- A. Exception classes must end with the word exception.
- B. A class can have multiple levels of inner classes.
- C. The default modifier for a class is private.
- D. The default modifier for an interface is private.

B

The sales management team requires that the Lead Source field of the Lead record be populated when a Lead is converted.

What would a developer use to ensure that a user populates the Lead Source field prior to converting a Lead?

- A. Process builder
- B. Validation rule
- C. Formula field
- D. Workflow rule

A

A developer created an Apex trigger using the Developer Console and now wants to debug code.

How can the developer accomplish this in the Developer Console?

- A. Open the Logs tab in the Developer Console.
- B. Select the Override Log Triggers checkbox for the trigger.
- C. Add the user name in the Log Inspector.
- D. Open the Progress tab in the Developer Console.

A, C

What are the supported content sources for custom buttons and links?  
(Choose 2 Answers)

- A. VisualForce Page.
- B. Static Resource.
- C. URL.

- D. Chatter File.
- E. Lightning Page.

A

What actions types should be configured to display a custom success message?

- A. Update a record.
- B. Post a feed item.
- C. Delete a record.
- D. Close a case.

A

When creating a record with a Quick Action, what is the easiest way to post a feed item?

- A. By selecting create case feed on the quick action.
- B. By adding a trigger on the new record.
- C. By adding a workflow rule on the new record.
- D. By selecting create case feed on the new record.

B

What is the easiest way to verify a user before showing them sensitive content?

- A. Sending the user a SMS message with a passcode.
- B. Calling the generateVerificationUrl method in apex.
- C. Sending the user an Email message with a passcode.
- D. Calling the Session.forcedLoginUrl method in apex.

C, E

What features are available when writing apex test classes?

(Choose 2 Answers)

- A. The ability to select error types to ignore in the developer console.
- B. The ability to write assertions to test after a @future method.
- C. The ability to set and modify the CreatedDate field in apex tests.
- D. The ability to set breakpoints to freeze the execution at a given point.
- E. The ability to select testing data using csv files stored in the system.

D

```
public class myController {  
    public string myString;
```

```
    public string getMyString(){  
        return 'getMyString';  
    }  
}
```

```
    public string getStringMethod1(){  
        return myString;  
    }  
}
```

```
    public string getStringMethod2(){  
        if(myString == null)
```

```
myString = 'Method2';  
return myString;  
}  
}
```

```
<apex:page controller="myController">  
{!MyString}, {!StringMethod1}, {!StringMethod2}, {!MyString}  
</apex:page>
```

What does the user see when accessing the custom page?

- A. getMyString,
- B. , , Method2,
- C. Method2, getMyString
- D. getMyString,, Method2, getMyString

D

A developer needs to ensure there is sufficient test coverage for an Apex Method that interacts with Accounts. The developer needs to create test data.

What is the preferred way to load this test data into Salesforce?

- A. By using Documents.
- B. By using HttpCalloutMocks.
- C. By using WebServiceTests.
- D. By using Static Resources.

B

What is the benefit of the Lightning Component framework?

- A. Better integration with Force.com sites.
- B. More pre-built components to replicate the Salesforce look and feel.
- C. More centralized control via server-side logic.
- D. Better performance for custom Salesforce 1 Mobile apps.

C

How would a developer determine if a CustomObject\_\_c record has been manually shared with the current user in Apex?

- A. By querying the role hierarchy.
- B. By calling the isShared() method for the record.
- C. By querying CustomObject\_\_Share.
- D. By calling the profile settings of the current user.

B, C

Which trigger event allows a developer to update fields in the Trigger.new list without using an additional DML statement? (Choose 2)

- A. After update.
- B. Before insert.
- C. Before update.
- D. After insert.

A, D

What is a valid way of loading external JavaScript files into a Visualforce page?  
(Choose 2)

- A. Using an (apex:includeScript)\* tag. \>
- B. Using an (apex:define)\* tag.
- C. Using a (link)\* tag.
- D. Using a (script)\* tag.

\*For this question, replace ( ) with less/greater than symbols.

D

Where would a developer build a managed package?

- A. Developer Sandbox
- B. Unlimited Edition
- C. Partial Copy Sandbox
- D. Developer Edition

C

What is the correct way to describe how Model-View-Controller (MVC) architecture is implemented on the Salesforce platform?

- A. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: s-Controls
- B. Model: Schema Builder; View: List Views; Controller: Setup Console
- C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code
- D. Model: Apex Code; View: List Views; Controller: Setup Console

A, D

What is valid in the where clause of a SOQL query?  
Choose 2 answers.

- A. A geolocation field.
- B. An encrypted field.
- C. An aggregate function.
- D. An alias notation.

B, C, E

A developer creates a method in an Apex class and needs to ensure that errors are handled properly. What would the developer use?  
Choose 3 answers.

- A. `ApexPages.addErrorMessage()`
- B. A custom exception
- C. `.addError()`
- D. `Database.handleException()`
- E. A try/catch construct

D

In the Lightning Component framework, where is client-side controller logic contained?

Choose 1 answer.

- A. Apex
- B. Visualforce
- C. HTML
- D. JavaScript

A, D, E

Which use case requires a partial copy or full sandbox?

Choose 3 answers.

- A. Scalability Testing
- B. Development Testing
- C. Quality Assurance Testing
- D. Batch Data Testing
- E. Integration Testing

B

Universal Containers wants to rollout new product bundles with several pricing options. Pricing options include product-price bundles, account specific pricing and more. Which product satisfies the needs?

- A. Workflow on Opportunity/Opportunity Product
- B. Custom AppExchange-app for product-pricing
- C. Formula fields on Opportunity/Opportunity Product
- D. Lightning process builder

B

Universal Containers has included its orders as an external data object into Salesforce. You want to create a relationship between Accounts and the Orders object (one-to-many relationship) leveraging a key field for account which is on both external object and Account. Which relationship do you create?

- A. Master Detail Relationship
- B. Indirect Lookup Relationship
- C. Lookup Relationship
- D. Hierarchical Relationship
- E. External Lookup Relationship

C

Universal Containers has a custom object that has a N:M relationship with opportunityLineItem carrying price and amount information. In order to compute total amounts and total prices per Opportunity using Rollup summary fields, what field type will you use?

- A. Crossobject
- B. Lookup
- C. Master-Detail
- D. Junction

D

Universal Containers has a custom object that has a N:M relationship with opportunityLineItem carrying price and amount information. In order to compute total

amounts and total prices per Opportunity using Rollup summary fields, what relationship type will you use?

- A. Crossobject
- B. Lookup
- C. Master-Detail
- D. Junction

C

Universal containers want an org for development which can be refreshed in every 5 days with all the configuration and some data. What org do you choose?

- A. Developer Sandbox
- B. Developer Pro Sandbox
- C. Partial copy sandbox
- D. Full Sandbox

B

Which Apex collection is used to ensure all values are unique?

- A. An Subject
- B. Set
- C. List
- D. Enum

C, E

Universal Container installs an unmanaged package. Which of the following are true? Choose 2.

- A. Tests are executed during deployment
- B. Unmanaged packages can be upgraded
- C. Unmanaged packages don't have a version number
- D. Unmanaged packages have a namespace prefix
- E. Components of unmanaged packages can be edited

A, C

Universal Container want to store an area code and wants to be able to search for it in searches. Which are possible fields to store the data? (choose 2)

- A. Phone
- B. Email
- C. Text
- D. Multi Picklist

C

Universal containers has a custom object "service" which has a lookup relationship to Account. Universal containers wants to enhance Salesforce1 with an action that allows account managers to enter a new service to an Account while looking at the account?

- A. Enter an object specific action to Service and put it in the Account Layout
- B. Enter an object specific action to Service and put it in the Service Layout

- C. Enter an object specific action to Account and put it in the Account Layout
- D. Enter an object specific action to Account and put it in the Service Layout

A

What determines whether a user can create a new record using a specific record type?

- A. Profile
- B. Page layout
- C. Field level security
- D. Sharing

B, C, E

Which statements are true regarding Roll-Up Summary fields? Select all that apply

- A. Advanced currency management has no affect on roll-up summary fields.
- B. Because roll-up summary fields are not displayed on edit pages, you can use them in validation rules but not as the error location for you validation.
- C. Validation errors can display when saving either the detail or master record.
- D. Automatically derived fields, such as current date or current user, are allowed in a roll-up summary field.
- E. Once created, you cannot change the detail object selected or delete any field referenced in your roll-up summary definition.

B, C, D

What happens when a workflow is re-evaluated? Pick 3

- A. Validation
- B. Cross-object sharing rules
- C. Other Workflow types
- D. Previous Workflows

A, B, D

Which components can be added to a lightning app on custom Object? Choose 3

- A. Standard Lightning component
- B. Custom lightning component
- C. Object specific actions on the custom object
- D. Global actions
- E. Visualforce

A

A developer executes following code in Console. What will happen?

```
list<Account> flist = new list<Account>();  
for(integer i=1;i<=200 ;i++){  
    flist.add(new Account(name='Test Acc'+i));  
}  
insert flist;
```

```
list<Account> Llist = new list<Account>();  
for(integer i=201;i<=20000 ;i++){  
    Llist.add(new Account(name='Test Acc'+i));  
}  
insert Llist ;
```



- A. Error will occur
- B. Insert all records
- C. Insert 200 only
- D. Records inserted

B

Developer need to verify that the account trigger is working fine without changing Org data. What should the developer do to test the Account trigger?

- A. Use New button on Account tab to create new record
- B. Use the test menu on developer console to run all test classes for the account trigger.
- C. Use force.com IDE
- D. Use Execute Anonymous feature on developer console

B

Which is true about social accounts?

- A. You can use social accounts data even when you are not logged into the social account.
- B. You need a personal social account in order to see social account data
- C. You can use social accounts to import data into Salesforce
- D. Connection to social account is established through a company wide "named principal"

A, C

Field type conversion. Which of the following are true? (choose 2)

- A. Data can be lost when converting from autonumber to text
- B. Information can be lost when converting from text area (rich) to text area (long)
- C. Data can be lost when converting from number to currency (assuming that field lengths are identical)
- D. Data can be lost when converting from simple picklist to multi picklist

C

Universal Container is using assignment rules to distribute cases to regional teams. Which of the following are true?

- A. It is possible to have multiple active assignment rules
- B. Cases may be assigned to public groups (if configured)
- C. Cases may be assigned to queues (if configured)
- D. A workflow field update can be used instead

B, C

You want to use an External Data Object Table from Heroku carrying Product Category information. The data need to be included in Salesforce and searchable. What do you have to do before you can use the connection? Choose two

- A. Choose "include as index field"
- B. Press "validate and sync"
- C. Choose "include in Salesforce searches" option
- D. URL / choose the URL (?)

A

Objects of this Apex class allow developers to create list controllers similar to, or as extensions of, the pre-built Visualforce list controllers provided by Salesforce.

- A. StandardSetController Class
- B. StandardController Class
- C. Controller Class
- D. VisualforceSetController Class
- E. VisualforceControllerClass
- F. None of the above

A

Which portion of the Model-View-Controller paradigm is represented in Force.com as a standard or custom object?

- A. Model
- B. Controller
- C. View

C, D

What must a developer consider when inserting records using an API-based tool? Choose 2

- A. Required fields on page layouts are enforced.
- B. Universally required field settings are respected.
- C. Apex triggers are ignored.
- D. Validation rules are respected.

D

Universal Containers has built a recruiting application with two custom objects, Job Applications and Reviews that have a master-detail relationship. Users should NOT be allowed to delete review records after job application records have been approved. How would a developer meet this requirement?

- A. Change the interviewer's profile to Read-only for the review object
- B. Use workflow to change the page layout to Read-only
- C. Remove the Delete button from the job application page layout
- D. Use a validation rule in conjunction with a roll-up summary field

C, D

Universal Container want to store an area code and wants to be able to search for it in applications (apex). Which are possible fields to store the data? Choose 2

- A. Email
- B. Multi Picklist
- C. Text
- D. Number
- E. Phone

A, C

What can a lightning component contain in its resource bundle? Choose two answers.

- A. Custom Client-side rendering behavior.
- B. Properties files with global settings.
- C. CSS styles scoped to the component.
- D. Build scripts for minification.

A

Describe the ramifications of field updates and potential for recursion for the following scenario: If a field update for Rule1 triggers Rule2, and a field update for Rule2 triggers Rule1.

- A. The updates create a loop and the org limits for workflow time triggers per hour will likely be violated.
- B. When the second trigger is saved a Imminent Loop Error message will be displayed and the workflow rule update will not save.
- C. The updates create a loop and the org will be blocked until the admin resolves the issue.
- D. Loop is allowed to run 25 times within one hour. If it does not end on its own the process will be stopped by R&D.

B

How would a developer change the field type of a custom field on account object from a string to an integer?

- A. Make the change in the declarative UI, then update the field type to an integer field in-the apex code.
- B. Remove all references in the code, make the change in the declarative UI, and restore the references with the new type.
- C. Make the change in the developer console, and then the change will automatically be reflected in the apex.
- D. Make the change in the declarative UI, and then the change will automatically be reflected in the apex code.

A, B

Which developer tool can be used to create a data model? (Choose 2)

- A. Force.com IDE
- B. Schema Builder
- C. Application Data Model Wizard
- D. Force.com Data Loader

B

What is the name of the standard relationship from Account down to Contact?

- A. Accounts
- B. Contacts
- C. Account
- D. Contact

B

Which API cannot be used to create the data model?

- A. Force.com Single Sign-on API
- B. Force.com Metadata API
- C. AJAX Toolkit for Force.com
- D. Force.com API

A

What is a junction object?

- A. A custom object with two master-detail relationships.
- B. A custom object with one lookup relationship and one master-detail relationship.
- C. A custom object with two lookup relationships.
- D. A custom object with any number of lookup and master-detail relationships.

B

Which statement about declarations is correct?

- A. A developer can extend a class that is declared with Virtual keyword
- B. A developer can use define constant with final keyword.
- C. A developer can't use class or method using final keyword

C

Which permission is required to install and uninstall packages from Salesforce AppExchange?

- A. Manage Package Licenses
- B. Upload AppExchange Packages
- C. Download AppExchange Packages
- D. Create AppExchange Packages

B

In order to create an App Launcher component in lightning what must an admin do?

- A. Navigate to Setup-Customize-User Interface to enable the component for the Lightning App Builder.
- B. Contact Salesforce to have the component activated for the Lightning App Builder.
- C. Purchase a license for the Lightning App Builder.
- D. Join the pilot Lightning App Builder team

A

A developer created trigger with following code ,

```
list<Account> lstAccounts = new list<Account>();
for(order__c objorder:trigger.new){
    account a = [select id from Account where id=:objorder.Account__c];
    lstAccounts .add(a);
}
update lstAccounts;
```

How many order will be load when developer attempts to load 150 records?

A. 0

- B. 1
- C. 100
- D. 150

D

Which social networks are available in the Lightning Experience and Salesforce1?

- A. Klout
- B. Facebook
- C. LinkedIn
- D. Twitter

A, B, D

When a user creates a record by using an object-specific create action, what feed item for that record appears? (choose three)

- A. In the Chatter feed of the user who created the record
- B. In the feed for the record on which the new record was created
- C. In the user profile feed for all users who can view the record
- D. As the first entry in the feed for the new record
- E. In the Chatter feed of the first user who follows the record on which the record was created

A, C, D

You can create global actions to let users create which of the following records? (choose three)

- A. Question
- B. Chatter Posts
- C. Event (without invitees)
- D. Opportunity
- E. Users

B

A salesperson at AW Computing only see's the Social Contact's link for Twitter and not Facebook on his records. Why would this be happening?

- A. Facebook is no longer supported by Social Contacts
- B. The administrator hasn't enabled Social Contacts for Facebook
- C. The salesperson's login with Facebook has expired
- D. None of his Facebook contacts have confirmed the nature of their relationship

A

A developer has completed work in the sandbox and is ready to send it to a related org, what deployment tool should be used?

- A. Change Sets
- B. Force.com IDE
- C. Unmanaged Packages
- D. Force.com Migration Tool

C

When running an Apex test, which type of Apex syntax in tested code is counted in the code coverage calculation?

- A. A blank line.
- B. A System.debug() statement.
- C. A variable assignment.
- D. A comment.

B

What is a capability of the Developer Console?

- A. Execute Anonymous Apex code, Run REST API, create/Edit code.
- B. Execute Anonymous Apex code, Create/Edit code, view Debug Logs.
- C. Execute Anonymous Apex code, Create/Edit code, Deploy code changes.
- D. Execute Anonymous Apex code, Run REST API, deploy code changes.

B, D

Which method is defined in the StandardController class? Choose 2 answers

- A. Merge
- B. Save
- C. Undelete
- D. Cancel

A, B, E

What tools you need to use to migrate Metadata to Two Different Production Orgs? (Choose 3)

- A. Force.Com IDE
- B. Force.Com Migration Tool
- C. Change Set
- D. Data Loader
- E. Unmanaged Package

C, D

What should a developer working in a sandbox use to exercise a new test class before the developer deploys that test class to production? Choose 2 answers

- A. The REST API and ApexTestRun method
- B. The Run Tests page in Salesforce Setup
- C. The Apex Test Execution page in Salesforce Setup
- D. The Test menu in the Developer Console

A, C

Which statement about record types is true? (select 2)

- A. The ability to create records of a specific record type is determined by the profile
- B. Users cannot view records assigned to a record type their profile does not have access to
- C. Record types can be used to define picklist values available for a given field
- D. Record types can only be assigned to one profile at a time

A, B, D

What standard Chatter actions (Post, File, Link, Poll, and Thanks) appear on the user profile page, regardless of the actions in the User page layout? (choose three)

- A. Post
- B. Poll
- C. Create
- D. File
- E. Email

E

Which of the following fields are not available for record types?

- A. Opportunity Stages
- B. Case Status
- C. Solution Status
- D. Lead Status
- E. All of the above

B

To enable the Publisher Actions area on Page Layouts, navigate to:

- A. Setup | Customize | Feeds | Settings
- B. Setup | Customize | Chatter | Settings
- C. Setup | Customize | Actions | Settings
- D. Setup | Customize | <Objects> | Settings

A, B

When should a system administrator consider using the Salesforce AppExchange? (Choose 2)

- A. When looking for pre-built custom applications and tools
- B. When standard Salesforce functionality needs to be extended
- C. To find answers to Salesforce application questions
- D. To submit ideas for Salesforce application enhancements

C, D, E

Identify the standard Lightning components. (choose three)

- A. List View
- B. Dashboards
- C. Rich Text
- D. Visualforce Page
- E. Reports

B

Actions on a Lightning Page allow you to do which of the following?

- A. Send email and delete or clone records.
- B. Send email, create a task, and create or update records.
- C. Clone records, add users, and assign permissions.
- D. Send email, send outbound messages, and launch a flow.

A, C

You have created a workflow rule to send an email in your configuration sandbox. For some reason it's not working, what should you double check? (Choose 2)

- A. You have the correct email address
- B. Look at the system audit trail
- C. Check the deliverability settings
- D. HTML does not work in sandbox, make sure your email has no HTML

C

What is a lightning page?

- A. A page you can access via a customer community.
- B. The new name for a Salesforce page layout.
- C. A custom layout for creating pages in Salesforce1.
- D. A compact, configurable, and reusable element

A, B, E

What is true when a field update is set to re-evaluate the workflow rule? (choose three)

- A. Only workflow rules on the same object as the initial field update will be re-evaluated and triggered.
- B. Only workflow rules that didn't fire before will be retriggered.
- C. Cascade of workflow rule re-evaluation and triggering can happen up to ten times after the initial field update that started it.
- D. Any workflow rules whose criteria are met as a result of the field update will be ignored.
- E. In a batch update, workflow is only retriggered on the entities where there is a change.

A, C, D

Identify the field update limitations. (choose three)

- A. Read-only fields like formula or auto-number fields aren't available for field updates.
- B. The results of a field update can't trigger additional rules such as validation, assignment, auto-response, or escalation rules.
- C. In a batch update, workflow is retriggered on all entities where there is a change
- D. Field updates that are executed as approval actions don't trigger workflow rules.

B

Which deployment tools will you use to deploy metadata from one organization to another organization?

- A. Change sets
- B. Force.com IDE
- C. Unmanaged Packages



Why would a developer use Test.startTest() and Test.stopTest() ?

- A. To avoid Apex code coverage requirements for the code between these lines
- B. To start and stop anonymous block execution when executing anonymous Apex code.
- C. To indicate test code so that it does not impact Apex line count governor limits
- D. To create an additional set of governor limits during the execution of a single test class.
- D. To create an additional set of governor limits during the execution of a single test class.**

What must the Controller for a Visualforce page utilize to override the standard Opportunity view button?

- A. The StandardSetController to support related lists for pagination
- B. The Opportunity StandardController for pre-built functionality
- C. A callback constructor to reference the StandardController
- D. A constructor that initialized a private Opportunity variable.
- B. The Opportunity StandardController for pre-built functionality**

What would a developer do to update a picklist field on a related Opportunity records when a modification to the associated Account record is detected?

- A. Create a process with a process builder.
- B. Create a Workflow Rule with a field update.
- C. Create a Lightning component.
- D. Create a Visualforce page.
- A. Create a process with a process builder.**

Which requirement needs to be implemented using standard workflow instead of Process Builder? Choose 2 answers

- A. Create activities at multiple intervals
- B. Send outbound message without Apex code
- C. Copy an account address to its contacts
- D. Submit a contract for approval
- A. Create activities at multiple intervals**
- B. Send outbound message without Apex code**

An org has different Apex classes that provide Account-related functionality. After a new validation rule is added to the Account object, many of the test methods fail.

What can be done to resolve failures and reduce the number of code changes needed in future validation rules? Choose 2 answers.

- A. Create a method that creates valid Account records, and call this method from within test methods.
- B. Create a method that loads valid Account records from static resource, and call this method within test methods.
- C. Create a method that performs a callout for a valid Account record, and call this method within test methods.
- D. Create a method that queries for valid Account records, and call this method within test methods.

A. Create a method that creates valid Account records, and call this method from within test methods.

B. Create a method that loads valid Account records from static resource, and call this method within test methods.

Which component is available to deploy using Metadata API? Choose 2 answers.

A. Case Layout

B. Account Layout

C. Case Feed Layout

D. Console Layout

A. Case Layout

B. Account Layout

In the code below, what type does Boolean inherit from?

Boolean b = true;

A. Enum

B. Object

C. String

D. Class

B. Object

What is the preferred way of accessing web content—such as images, stylesheets, JavaScript, and other libraries—that is used in Visualforce pages?

A. By accessing the content from Chatter Files.

B. By uploading the content in the documents tab.

C. By accessing the content from a third-party CDN.

D. By uploading the content as a Static Resource.

D. By uploading the content as a Static Resource.

A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to parent Account in Salesforce.

Which kind of relationship would the developer use to relate the Account to the warehouse?

A. One-to-Many

B. Lookup

C. Master-Detail

D. Parent-Child

B. Lookup

A developer creates a Workflow Rule declaratively that updates a field on an Object. An Apex trigger exists for the object.

What happens when a user updates a record?

A. No changes are made to the data.

B. Both Apex Trigger and Workflow Rule are fired only once.

C. The workflow Rules is fired more than once.

D. The Apex Trigger is fired more than once.

D. The Apex Trigger is fired more than once.

What is true of a partial sandbox that is not true of a full sandbox?

A. More frequent refreshes

- B. Only includes necessary meta data
- C. Use of change sets
- D. Limited to 5 GB of data
- A. More frequent refreshes
- D. Limited to 5 GB of data

In which order does Salesforce execute events upon saving a record?

- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit
- B. Validation Rules; Before Triggers; After Triggers; Workflow Rules; Assignment Rules; Commit
- C. Before Triggers; Validation Rules; After Triggers; Workflow Rules; Assignment Rules; Commit
- D. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit
- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit

When loading data in to an Organization, what can a developer do to match records to update existing records? Choose 2 answers

- A. Match an external Id text field to a column in the imported file
- B. Match the Id field to a column in the imported file.
- C. Matched the Name field to a column in the imported file
- D. Matches an auto-generated Number field to a column in the imported file
- A. Match an external Id text field to a column in the imported file
- B. Match the Id field to a column in the imported file.

In an organization that has enabled multiple currencies, a developer needs to aggregate sum of the Estimated\_value\_\_c currency field from the CampaignMember object using a roll-up summary field called Total\_Estimate\_Value\_\_c field on Campaign.

How is the currency of the Total\_Estimate\_Value\_\_c roll-up summary field determined?

- A. The values in the CampaignMember. Estimated\_value\_\_c are converted into the currency of the Campaign record, and the sum is displayed using the currency on the Campaign record.
- B. The values in the CampaignMember. Estimated\_value\_\_c are converted into the currency on the majority of CampaignMember records and the sum is displayed using that currency
- 4
- C. The values in the CampaignMember. Estimated\_value\_\_c are summed up and the resulting Total\_Estimated\_Value\_\_c field is displayed as a numeric field on the Campaign record.
- D. The values in the CampaignMember. Estimated\_value\_\_c are converted into the currency of the current user, and the sum is displayed using the currency on the Campaign record.
- A. The values in the CampaignMember. Estimated\_value\_\_c are converted into the currency of the Campaign record, and the sum is displayed using the currency on the Campaign record.

A candidate may apply to multiple jobs at the company Universal Container by submitting a single application per job posting. Once an application submitted for a

job posting, that application cannot be modified to be resubmitted to a different job posting.

What can the administrator do to associate an application with each job posting in the schema for the organization?

- A. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- B. Create a master-detail relationship in the Job Posting custom object to the Applications custom object.
- C. Create a master-detail relationship in the Applications custom object to the Job Posting custom object.
- D. Create a lookup relationship in the Applications custom object to the Job Posting custom object.
- C. Create a master-detail relationship in the Applications custom object to the Job Posting custom object.

What is a characteristic of the Lightning Component framework? Choose 2 answers.

- A. It has an event-driven architecture.
- B. It works with existing Visualforce pages.
- C. It includes responsive components
- D. It uses XML as its data format
- A. It has an event-driven architecture.
- C. It includes responsive components

What is a capability of cross-object formula field? Choose 3 answers.

- A. Formula fields can reference fields from master-detail or lookup parent relationships.
- B. Formula fields can expose data the user does not have access to in the record
- C. Formula fields can be used in three roll-up summaries per object
- D. Formula fields can reference fields in a collection of records from a child relationship
- E. Formula fields can reference fields from object that are up to 10 relationships away.
- A. Formula fields can reference fields from master-detail or lookup parent relationships.
- B. Formula fields can expose data the user does not have access to in the record
- E. Formula fields can reference fields from object that are up to 10 relationships away.

A developer has a block of code that omits any statements that indicate whether the block should execute with or without sharing.

What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the Salesforce organization?

- A. Apex Trigger
- B. Http Callout
- C. Apex Controllers
- D. Anonymous Blocks
- D. Anonymous Blocks

A developer creates an Apex trigger using the Developer Console and now wants to debug code. How can the developer accomplish this in the Developer Console?

- A. Select the override Log Triggers checkbox for the trigger.
- B. Add the user name in the Log Inspector
- C. Open the progress tab in the Developer Console
- D. Open the Logs tab in the Developer Console
- D. Open the Logs tab in the Developer Console**

Which data structure is returned to developer when performing a SOSL search?

- A. A list of lists of sObjects
- B. A map of sObject types to a list of sObjects
- C. A map of sObject types to a list of lists of sObjects
- D. A list of sObjects
- A. A list of lists of sObjects**

How can a developer avoid exceeding governor limits when using an Apex Trigger?  
Choose 2 answers.

- A. By using a helper class that can be invoked from multiple triggers.
- B. By using the Database class to handle DML transactions.
- C. By using Maps to hold data from query results.
- D. By performing DML transactions on lists of sObjects
- C. By using Maps to hold data from query results.**
- D. By performing DML transactions on lists of sObjects**

What is the correct pattern to follow when programming in Apex on multi-tenant platform?

- A. Apex code is created in a separate environment from schema to reduce the deployment errors.
- B. DML is performed on one record at a time to avoid possible data concurrency issues.
- C. Queries select the fewer fields and records possible to avoid exceeding governor limits.
- D. Apex classes use the "with sharing" keyword to prevent access from server tenants
- C. Queries select the fewer fields and records possible to avoid exceeding governor limits.**

What should a developer working in a sandbox use to exercise a new test class before the developer deploys that test class to production? Choose 2 answers

- A. The REST API and ApexTestRun method
- B. The Apex Test Execution page in Salesforce Setup
- C. The Test menu in the Developer Console
- D. The Run Tests page in the Salesforce Setup
- B. The Apex Test Execution page in Salesforce Setup**
- C. The Test menu in the Developer Console**

A company that uses a custom object to track candidate would like to send candidate information automatically to a third-party human resource system when a candidate is hired.

What can a developer do to accomplish this task?

- A. Create an escalation rule to the hiring manager

- B. Create an auto response rule to the candidate
- C. Create a Process Builder with an outbound message action
- D. Create a workflow rule with an outbound message action
- D. Create a workflow rule with an outbound message action**

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- D. Create a workflow rule with an outbound message action
- D. Create a workflow rule with an outbound message action**

What is accurate statement about with sharing keyword? Choose 2 answers

- A. Inner classes do not inherit the sharing settings from the container class.
- B. Both inner and outer classes can be declared as with sharing.
- C. Either inner or outer classes can be declared as with sharing, but not both.
- D. Inner classes inherit the sharing settings from the container class.
- A. Inner classes do not inherit the sharing settings from the container class.**

**B. Both inner and outer classes can be declared as with sharing.**

How can a developer refer to, or instantiate a PageReference in Apex? Choose 2 answers

- A. By using a PageReference with a partial or full URL
- B. By using Page object and a Visualforce page name.
- C. By using the ApexPages.Page() method with a Visualforce page name.
- D. By using the PageReference.Page() method with a partial or full URL.
- A. By using a PageReference with a partial or full URL**

**B. By using Page object and a Visualforce page name.**

Which standard field needs to be populated when a developer inserts a new Contact records programmatically?

- A. AccountId
- B. Name
- C. LastName
- D. FirstName
- C. LastName**

What is minimum log level needed to see user-generated debug statements?

- A. DEBUG
- B. FINE
- C. INFO
- D. WARN

## A. DEBUG

A developer creates a new Visualforce page and Apex extension, and writes test classes that exercise 95% coverage of the new Apex extension.

Change set deployment to production fails with the test coverage warning: "Average test coverage across all Apex classes and Triggers is 74%, at least 75% test coverage is required."

What can the developer do to successfully deploy the new Visualforce page and the extension?

- A. Create test classes to exercise the Visualforce page markup.
- B. Select "Disable Parallel Apex Testing" to run all the tests.
- C. Add test methods to existing test classes from previous deployments.
- D. Select "Fast Deployment" to bypass running all the tests.
- C. Add test methods to existing test classes from previous deployments.**

A developer needs to automatically populate the Reports To field in a Contact record on the values of the related Account and Department fields in the Contact record.

Which type of trigger would the developer create? Choose 2 answers

- A. before update
- B. after insert
- C. before insert
- D. after update
- A. before update**
- C. before insert**

A developer is creating an application to track engine and their parts. An individual part can be used in different types of engines.

What data model should be used to track the data to prevent orphan records?

- A. Create a junction object to relate many engine to many parts through a master-detail relationship
- B. Create a master-detail relationship to represent the one-to-many model of engine parts.
- C. Create a lookup relationship to represent how each part relates to the parent engine object.
- D. Create a junction object to relate many engines to many parts through a lookup relationship
- A. Create a junction object to relate many engine to many parts through a master-detail relationship**

To which data type in Apex a currency field automatically assigned?

- A. Integer
- B. Decimal
- C. Double
- D. Currency
- B. Decimal**



Which resources can be included in a Lightning Component bundle?

- A. Apex class
- B. Adobe Flash
- C. Javascript
- D. Documentation
- C. Javascript
- D. Documentation

A custom exception named "RecordNotFoundException" is defined by the following code block.

```
public class RecordNotFoundException extends Exception {}
```

Which statement can a developer use to throw the custom exception? Choose 2 answers

- A. throw new RecordNotFoundException("Problem occurred");
- B. throw new RecordNotFoundException();
- C. throw RecordNotFoundException("Problem occurred");
- D. throw RecordNotFoundException();
- A. throw new RecordNotFoundException("Problem occurred");
- B. throw new RecordNotFoundException();

When creating unit tests in Apex, which statement is accurate?

- A. Unit tests with multiple methods result in all methods failing every time one method fails.
- B. Increased test coverage requires large test classes with many lines of code in one method.
- C. Triggers do not require any unit tests in order to deploy them from sandbox to production.
- D. System Asset statements that do not increase code coverage contribute important feedback in unit tests.
- D. System Asset statements that do not increase code coverage contribute important feedback in unit tests.

What is a valid Apex statement?

- A. Map conMap = [ SELECT name FROM Contact ];
- B. Account[] accList = new List<Account>{new Account()};
- C. Integer w, x, y = 123, z = 'abc';
- D. private static constant Double rate = 7.75;
- B. Account[] accList = new List<Account>{new Account()};

A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL.

Which statement is unnecessary inside the unit test for the custom controller?

- A. public ExtendController(ApexPages.StandardController cntrl) {}
- B. ApexPages.currentPage().getParameters().put('input', 'TestValue');



- C. Test.setCurrentPage(pageref);
- D. String nextPage = controller.save().getUrl();
- D. String nextPage = controller.save().getUrl();

A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field. The Case object and the Case.Status field are on a custom Visualforce page.

Which action can the developer perform to get the record types and picklist values in the controller? Choose 2 answers.

- A. Use Schema.PicklistEntry returned by Case.Status.getDescribe().getPicklistValues();
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType.getDescribe().getRecordTypeInfos();
- C. Use SOQL to query records in the org to get all the RecordType values available for Case.
- D. Use SOSL to query Case records in the org to get all values for the Status picklist field.

- A. Use Schema.PicklistEntry returned by Case.Status.getDescribe().getPicklistValues();
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType.getDescribe().getRecordTypeInfos();

An sObject named Application\_\_c has a lookup relationship to another sObject named Position\_\_c.

Both Application\_\_c and Position\_\_c have a picklist field named Status\_\_c. When the Status\_\_c field on Position\_\_c is updated, the Status\_\_c fields on Application\_\_c needs to be populated automatically with the same value, and execute a workflow rule on Application\_\_c.

How can a developer accomplish this?

- A. By changing the Application\_\_c.Status\_\_c into a roll-up summary field.
- B. By changing the Application\_\_c.Status\_\_c into a formula field.
- C. By using an Apex trigger with a DML operation
- D. By configuring a cross-object field update with a workflow.
- B. By changing the Application\_\_c.Status\_\_c into a formula field.

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created.

When will the email be sent?

- A. Before Trigger execution
- B. After committing to database.
- C. Before committing to database.
- D. After Trigger Execution
- B. After committing to database.

Which type of code represents the Controller in MVC architecture on the Force.com platform? Choose 2 answers.

- A. JavaScript that is used to make a menu item display itself.

- B. StandardController system methods that are referenced by Visualforce.
- C. Custom Apex and JavaScript code that is used to manipulate data.
- D. A static resource that contains CSS and images.
- B. StandardController system methods that are referenced by Visualforce.
- C. Custom Apex and JavaScript code that is used to manipulate data.

A developer needs to provide a Visualforce page that lets users enter Product-specific details during a Sales cycle.

How can this be accomplished? Choose 2 answers

- A. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry
- C. Copy the standard page and then make a new Visualforce page for Product data entry.
- D. Download an Unmanaged package from the AppExchange that provides custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry
- D. Download an Unmanaged package from the AppExchange that provides custom Visualforce page to modify.

A developer writes a before insert trigger.

How can the developer access the incoming records in the trigger body?

- A. By accessing the Trigger.new context variable.
- B. By accessing the Trigger.newRecords context variable.
- C. By accessing the Trigger.newMap context variable.
- D. By accessing the Trigger.newList context variable.
- A. By accessing the Trigger.new context variable.

A developer in a Salesforce org with 100 executes the following code using the Developer Console:

```
Account myAccount = new Account(Name='MyAccount');
insert myAccount;
for(Integer x = 0; x < 150; x++) {
    Account newAccount = new Account(Name='MyAccount' + x);
    try {
        insert newAccount;
    } catch(Exception ex) {
        System.debug(ex);
    }
}
insert new Account(Name='MyAccount');
```

How many accounts are in the org after this code is run?

- A. 101
- B. 100
- C. 102
- D. 252

## B. 100

The Review\_\_c object has a lookup relation up to the Job\_Application\_\_c object. The Job\_Application\_\_c object has a master-detail relationship up to the Position\_\_c object. The relationship names are based on auto-populated defaults.

What is the recommended way to display field data from the related Review\_\_c records on a Visualforce page for a single Position\_\_c record?

- A. Utilized the Standard Controller for Position\_\_c and cross-object Formula fields on the Job\_Application\_\_c object to display Review\_\_c data.
- B. Utilized the Standard Controller for Position\_\_c and Controller Extension to query for Review\_\_c data.
- C. Utilized the Standard Controller for Position\_\_c and expression syntax in the page to display related Review\_\_c data through the Job\_Application\_\_c object.
- D. Utilized the Standard Controller for Position\_\_c and cross-object formula fields on the Review\_\_c object to display Review\_\_c data.
- B. Utilized the Standard Controller for Position\_\_c and Controller Extension to query for Review\_\_c data.**

What is a capability of Force.com IDE? Choose 2 answers

- A. Roll back deployments
- B. Run Apex tests.
- C. Download debug logs.
- D. Edit metadata components
- B. Run Apex tests.**
- D. Edit metadata components**

Which code segment can be used to control when the doWork() method is called.

- A. 

```
for(triggerIsRunning t : trigger.new) {  
doWork();  
}
```
- B. 

```
if(trigger.IsRunning) {  
doWork();  
}
```
- C. 

```
for(trigger.IsInsert : trigger.new) {  
doWork();  
}
```
- D. 

```
if(trigger.IsInsert) {  
doWork();  
}
```
- D. 

```
if(trigger.IsInsert) {  
doWork();  
}
```

When would a developer use a custom controller instead of a controller extension? Choose 2 answers

- A. When a Visualforce page needs to replace the functionality of a standard controller.
- B. When a Visualforce page does not reference a single primary object.

- C. When a Visualforce page should not enforce permissions or field-level security.
- D. When a Visualforce page needs to add new actions a standard controller.
- B. When a Visualforce page does not reference a single primary object.
- C. When a Visualforce page should not enforce permissions or field-level security.

What is a valid statement about Apex classes and interfaces? Choose 2 answers

- A. The default modifier for a class is private.
- B. Exception classes must end with the word exception
- C. A class can have multiple levels of inner classes.
- D. The default modifier for an interface is private.
- A. The default modifier for a class is private.
- B. Exception classes must end with the word exception

A developer has a following trigger that fires after insert and creates a child Case whenever a new Case is created.

```
List<Case> childCases = new List<Case>();
for(Case parent: Trigger.new ) {
    Case child = new Case(ParentId = parent.Id, Subject = parent.Subject);
    childCases.add(child);
}
insert childCases;
```

What happens after the code block executes?

- A. Multiple child cases are created for each parent case in Trigger.new
- B. A child case is created for each parent case in Trigger.new.
- C. The trigger enter an infinite loop and eventually fails.
- D. The trigger fails if the Subject field on the Parent is blank.
- C. The trigger enter an infinite loop and eventually fails.

A developer wants to create a custom object to track Customer Invoices. How should Invoices and Accounts be related to ensure that all Invoices are visible to everyone with access to an Account?

- A. The Account should have a Lookup relationships to the Invoice.
- B. The Invoice should have a Master-Detail relationship to the Account
- C. The Account should have a Master-Detail relationship to the Invoice.
- D. The Invoice should have a Lookup relationship to the Account
- B. The Invoice should have a Master-Detail relationship to the Account

What is a valid source and destination pair that can send or receive change sets? Choose 2 answers.

- A. Sandbox to production
- B. Developer edition to sandbox
- C. Developer edition to production
- D. Sandbox to sandbox.
- A. Sandbox to production
- D. Sandbox to sandbox.

A developer needs to create records for the object Property\_\_c. The developer creates the following code block:

```
List< Property__c> propertiesToCreate = helperClass.createProperties();
try {
// line 03
} catch (Exception exp) {
// Exception handling
}
```

Which line of code would the developer insert at line 03 to ensure that at least some records are created, even if a few records have errors and fail to be created?

- A. Database.insert(propertiesToCreate, System.ALLOW\_PARTIAL);
- B. insert propertiesToCreate;
- C. Database.insert(propertiesToCreate, false);
- D. Database.insert(propertiesToCreate);
- C. Database.insert(propertiesToCreate, false);**

When a number of records in a recordset is unknown, which control statement should a developer use to implement set of code that executes for every record in the recordset, without performing a .size() or .length() method call?

- A. For (int\_stmt; exit\_condition;incr\_stmt) { ... }
- B. Do { .. } while(Condition)
- C. For (variable : list\_or\_set) {...}
- D. While (Condition) {...}
- For (variable : list\_or\_set) {...}**

What is the result when a Visualforce page calls an Apex controller, which calls another Apex class, which then results in hitting a governor limit?

- A. Any change up to the error are saved.
- B. Any changes up to the error are rolled back.
- C. All changes before a savepoint are saved.
- D. All changes are saved in the first Apex class.
- B. Any changes up to the error are rolled back.**

A developer has the following code block:

```
public class PaymentTax {
public static decimal SalesTax = 0.0875;
}
trigger OpportunityLineItemTrigger on OpportunityLineItem (before insert, before
update) {
PaymentTax PayTax = new PaymentTax();
decimal ProductTax = ProductCost * XXXXXXXXXXXXXXXX;
....
}
```

To calculate the ProductTax, which code segment would a developer insert at the XXXXXXXXXXXXXXXX to make the value the class variable SalesTax accessible within the trigger?

- A. SalesTax
- B. PayTax. SalesTax

- C. PaymentTax. SalesTax
- D. OpportunityLineItemTrigger. SalesTax
- C. PaymentTax. SalesTax

On a Visualforce page with a custom controller, how should a developer retrieve a record by using an ID parameter that is passed on the URL?

- A. Use the constructor method for the controller.
- B. Use the \$Action.View method in the Visualforce page.
- C. Create a new PageReference object with the Id.
- D. Use the <apex:detail> tag in the Visualforce page
- A. Use the constructor method for the controller.

A developer creates an Apex helper class to handle complex trigger logic.

How can the helper class warn users when the trigger exceeds DML governor limits?

- A. By using ApexMessage.Message() to display an error message after the number of DML statements is exceeded.
- B. By using Messaging.SendEmail() to continue the transaction and send an alert to the user after the number of DML statements is exceeded.
- C. By using PageReference.setRedirect() to redirect the user to a custom Visualforce page before the number of DML statements is exceeded.
- D. By using Limits.getDMLRows() and then display an error message before the number of DML statements is exceeded.
- D. By using Limits.getDMLRows() and then display an error message before the number of DML statements is exceeded.

Which user can edit a record after it has been locked for approval?

- A. An Administrator
- B. Any user who approved the record previously
- C. A user who assigned as the current approver
- D. Any user with a higher role in the hierarchy
- A. An Administrator
- C. A user who assigned as the current approver

Which information is provided by the Checkpoints tab in the developer console?  
Choose 2 answers.

- A. Exception
- B. Debug statement
- C. Namespace
- D. Time
- C. Namespace
- D. Time

What is the proper process for an Apex Unit Test?

- A. Query for test data using SeeAllData=true. Call the method being tested. Verify that the results are correct.
- B. Create data for testing. Execute runAllTests(). Verify that the results are correct.
- C. Create data for testing. Call the method being tested. Verify that the results are

correct.

D. Query for test data using SeeAllData=true. Execute runAllTests(). Verify that the results are correct.

C. Create data for testing. Call the method being tested. Verify that the results are correct.

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B. Create a new Visualforce page and an Apex controller to provide Product data entry

D. Download an Unmanaged package from the AppExchange that provides custom Visualforce page to modify.

What declarative method helps ensure quality data? Choose 3 answers

A. Exception handling

B. Workflow alerts

C. Validation rules

D. Lookup filters

E. Page layouts

C. Validation rules

D. Lookup filters

E. Page layouts

What is an accurate constructor for a custom controller named "MyController"?

A. 

```
public MyController() {  
    account = new Account();  
}
```

B. 

```
public MyController(SObject obj) {  
    account = (Account) obj;  
}
```

C. 

```
public MyController(List<SObject> objects) {  
    accounts = (List<Account>) objects;  
}
```

D. 

```
public MyController(ApexPages.StandardController stdController) {  
    account = (Account) stdController.getRecord();  
}
```

A. 

```
public MyController() {  
    account = new Account();  
}
```



A company wants a recruiting app that models candidates and interviews; displays the total number of interviews each candidate record; and defines security on interview records that is independent from the security candidate records.

What would a developer do to accomplish this task? Choose 2 answers.

- A. Create a roll-up summary field on the Candidate object that counts Interview records.
- B. Create a master-detail relationship between the Candidate and Interview objects.
- C. Create a lookup relationship between the Candidate and Interview objects.
- D. Create a trigger on the Interview object that updates a field on the Candidate object.
- C. Create a lookup relationship between the Candidate and Interview objects.
- D. Create a trigger on the Interview object that updates a field on the Candidate object.

What is a good practice for a developer to follow when writing a trigger? Choose 2 answers.

- A. Using the Map data structure to hold query results by ID.
- B. Using @future methods to perform DML operations.
- C. Using the set data structure to ensure distinct records.
- D. Using asynchronous callouts to call external systems.
- A. Using the Map data structure to hold query results by ID.
- C. Using the set data structure to ensure distinct records.

Which code block returns the ListView of an Account object using the following debug statement?

```
system.debug(controller.getListViewOptions());
```

- A. ApexPages.StandardSetController controller = new ApexPages.StandardSetController([ SELECT Id from Account LIMIT 1]);
- B. ApexPages.StandardController controller = new ApexPages.StandardController(Database.queryLocator('SELECT Id from Account LIMIT 1'));
- C. ApexPages.StandardController controller = new ApexPages.StandardController([ SELECT Id from Account LIMIT 1]);
- D. ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.queryLocator('SELECT Id from Account LIMIT 1'));
- D. ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.queryLocator('SELECT Id from Account LIMIT 1'));

Which data type or collection of data types can SOQL statements populate or evaluate to? Choose 3 answers.

- A. A Boolean
- B. An Integer
- C. A list of sObjects
- D. A single sObject
- E. A String
- B. An Integer
- C. A list of sObjects
- D. A single sObject



Which action can a developer perform in a before update trigger?

- A. Update the original object using an update DML operation.
- B. Delete the original object using a delete DML operation.
- C. Change the field value using the Trigger.New context variable.
- D. Display a custom error message in the application interface.
- C. Change the field value using the Trigger.New context variable.
- D. Display a custom error message in the application interface.

Where can debug log filter setting be set?

- A. The filter link by the monitored user's name within the web UI.
- B. The Show More link on the debug log's record.
- C. On the monitored user's name.
- D. The Log Filters tab on a class or trigger detail page.
- A. The filter link by the monitored user's name within the web UI.
- D. The Log Filters tab on a class or trigger detail page.

What is the value of x after the code segment executes?

```
String x = 'A';
Integer i = 10;
if ( i < 15 ) {
    i = 15;
    x = 'B';
} else
if ( i < 20 ) {
    x = 'C';
} else {
    x = 'D';
}
```

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

When can a developer use a custom Visualforce page in a Force.com application?  
Choose 2 answers.

- A. To create components for dashboards and layouts
- B. To deploy components between two organizations
- C. To generate a PDF document with application data
- D. To modify the page layout settings for a custom object.
- A. To create components for dashboards and layouts
- C. To generate a PDF document with application data

Which statements about the Lookup Relationship between a Custom Object and a Standard Object is correct?

- A. The Lookup Relationship on the Custom Object can prevent the deletion of the

Standard Object.

B. The Lookup Relationship cannot be marked as required on the page layout for a custom object.

C. The Custom Object will be deleted when the referenced Standard Object is deleted.

D. The Custom Object inherits security from the referenced Standard Object

A. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object.

A reviewer is required to enter a reason in the comments field only when a candidate is recommended to be hired.

Which action can a developer take to enforce this requirement?

A. Create a required comment field

B. Create a formula field

C. Create a validation rule.

D. Create a required Visualforce component.

C. Create a validation rule.

The Sales Management team hires a new intern. The intern is not allowed to view Opportunities, but needs to see the Most Recent Closed Date of all child Opportunities when viewing an Account record.

What would a developer do to meet this requirement?

A. Create a Workflow rule on the Opportunity object that updates a field on the parent Account.

B. Create a formula field on the Account object that performs a Max on the Opportunity Close Date field.

C. Create a roll-up summary field on the Account object that performs a Max on the Opportunity Close Date field.

D. Create a trigger on the Account object that queries the Close Date of the most recent Opportunities.

C. Create a roll-up summary field on the Account object that performs a Max on the Opportunity Close Date field.

On which object can an administrator create a roll-up summary field?

A. Any object that is on the master side of a master-detail relationship.

B. Any object that is on the parent side of a lookup relationship.

C. Any object that is on the detail side of a master-detail relationship.

D. Any object that is on the child side of a lookup relationship.

A. Any object that is on the master side of a master-detail relationship.

What is a valid source and destination pair that can send or receive change sets?  
Choose 2 answers

A. Sandbox to production

B. Developer edition to sandbox

C. Sandbox to sandbox

D. Developer edition to production

A. Sandbox to production

C. Sandbox to sandbox

A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object.

How can a developer display data from the parent record on the page?

- A. By using SOQL on the Visualforce page to query for data from the parent record.
- B. By using merge field syntax to retrieve data from the parent record.
- C. By adding a second standard controller to the page for the parent record.
- D. By using a roll-up formula field on the child record to include data from the parent record.

**B. By using merge field syntax to retrieve data from the parent record.**

A developer needs to create a Visualforce page that will override the standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address.

Where would the developer write the Account address verification logic?

- A. In a Controller Extension
- B. In a custom controller
- C. In a standard controller
- D. In a standard extension

**A. In a Controller Extension**

A developer wants to list all of the Tasks for each Account on the Account detail page.

When a Task is created for a Contact, what does the developer need to do to display the Task on the related Account record?

- A. Create an Account formula field that displays the Task information
- B. Nothing. The Task is automatically displayed on the Account page.
- C. Create a Workflow Rule to relate the Task to the Contact's Account.
- D. Nothing. The Task cannot be related to an Account and a Contact.

**B. Nothing. The Task is automatically displayed on the Account page.**

What is a capability of a StandardSetController?

Choose 2 answers

- A. It extends the functionality of a standard or custom controller.
- B. It allows pages to perform mass updates of records.
- C. It allows pages to perform pagination with large record sets.
- D. It enforces field-level security when reading large record sets.

**B. It allows pages to perform mass updates of records.**

**C. It allows pages to perform pagination with large record sets.**

A developer has the following code.

```
try {  
    List<String> nameList;  
    Account a;  
    String s = a.Name;  
    nameList.add(s);  
} Catch(ListException le) {
```

```
System.debug('List Exception');  
} Catch(NullPointerException npe) {  
System.debug('NullPointerException');  
} Catch(Exception e) {  
System.debug('Generic Exception');  
}
```

What message would be logged?

- A. No message is logged.
- B. Generic exception.
- C. List Exception.
- D. NullPointerException
- D. NullPointerException**

Which statement about change set deployments is accurate?  
Choose 3 answers

- A. They can be used only between related organizations.
- B. They require a deployment connection.
- C. They use an all or none deployment model.
- D. They can be used to transfer Contact records.
- E. They can be used to deploy custom settings data.
- A. They can be used only between related organizations.**
- B. They require a deployment connection.**
- C. They use an all or none deployment model.**

How would a developer determine if a co\_\_c created has been manually shared within the current user in APEX?

- A. by calling the profile settings of the current user.
- B. By querying co\_\_share
- C. By querying the role heirarchy
- D. By calling the
- B. By querying co\_\_share**

How would a developer use Schema Builder to delete a custom field from the Account object that was required for prototyping but is no longer needed?

- A. Remove all the references in the code and then the field will be removed from Schema Builder
- B. Remove all references from the code and then delete the custom field from Schema builder.
- C. Mark the field for deletion in Schema Builder and then delete it from the declarative UI.
- D. Delete the field from Schema Builder and then all references in the code will be removed.
- B. Remove all references from the code and then delete the custom field from Schema builder.**

What is an accurate statement about variable scope? Choose 3 answers.

- A. Sub-blocks cannot reuse a parent block's variable name.
- B. A variable can be defined at any point in a block.
- C. Parallel blocks can use the same variable name.

- D. Sub-blocks can reuse a parent block's variable name if its value is null.
- E. A static variable can restrict the scope to the current block if its value is null.
- A. Sub-blocks cannot reuse a parent block's variable name.
- B. A variable can be defined at any point in a block.
- C. Parallel blocks can use the same variable name.

When the value of a field of an account record is updated, which method will update the value of a custom field opportunity? Choose 2 answers.

- A. An Apex trigger on the Account object.
- B. A process builder on the Account object.
- C. A cross-object formula field on the Account object
- D. A workflow rule on the Account object.
- A. An Apex trigger on the Account object.
- B. A process builder on the Account object.

A developer creates an APEX class that includes a private methods

What can a developer do to ensure that the private methods can be accessed by the test class?

- A. Add the TestVisible attribute to the Apex class.
- B. Add the SeeAllData attribute to the test method.
- C. Add the SeeAllData attribute to the test class.
- D. Add the TestVisible attribute to the Apex methods.
- D. Add the TestVisible attribute to the Apex methods.

Which scenario is invalid for execution by unit tests?

- A. Executing methods for negative test scenarios.
- B. Executing methods as different users.
- C. Loading test data in place of user input for flows.
- D. Loading the standard Pricebook ID using a system method.
- C. Loading test data in place of user input for flows.

A developer runs the following anonymous code block:

```
List<Account> acc = [select id from Account limit 10];
Delete acc;
Database.emptyRecycleBin(acc);
System.debug(Limits.getDMLStatements() + ', ' + Limits.getLimitDMLStatements());
```

What is the result?

- A. 11, 150
- B. 150, 2
- C. 150, 11
- D. 2, 150
- D. 2, 150

Where can a custom roll-up summary field be created using standard object relationships?

- A. On Account using Case record
- B. On Account using Opportunity record
- C. On Opportunity using Opportunity Product record
- D. On Quote using Order record
- E. On Campaign using Campaign Member record
- B. On Account using Opportunity record**
- C. On Opportunity using Opportunity Product record**
- E. On Campaign using Campaign Member record**

A developer has the following query:

```
Contact c = [ select id, email from Contact where lastname='Smith' ];
```

What does the query return if there is no Contact with the last name "Smith"?

- A. A contact with empty values
- B. A contact initialized to null.
- C. An empty list of contacts
- D. An error that no rows are found.
- D. An error that no rows are found.**

What is an important consideration when developing in a multi-tenant environment?

- A. Polyglot persistence provides support for a global, multilingual user base in a multiple org on multiple instances.
- B. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance.
- C. Unique domain names take the place of namespaces for code developed for multiple orgs on multiple instances.
- D. Org-wide data security determines whether other tenants can see data in multiple orgs on the same instance.
- B. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance.**

In Lightning component framework, which resource can be used to fire events?  
Choose 2 answers.

- A. Visualforce controller actions
- B. Third-party web service code
- C. Third-party Javascript code
- D. Javascript controller actions
- C. Third-party Javascript code**
- D. Javascript controller actions**

What is a capability of formula field? Choose 3 answers.

- A. Display a previous value for a field using the PRIORVALUE function
- B. Return and display a field value from another object using VLOOKUP function.
- C. Determine which of the three different images to display using IF function
- D. Generate a link using HYPERLINK function to a specific record in a legacy system.
- E. Determine if a datetime field has passed using the NOW function.

- A. Display a previous value for a field using the PRIORVALUE function
- C. Determine which of the three different images to display using IF function
- E. Determine if a datetime field has passed using the NOW function.

A developer has a block of code that omits any statements that indicate whether the code block should execute with or without sharing.

What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the salesforce organization?

- A. Anonymous block
- B. Apex controllers
- C. Http callouts
- D. Apex triggers
- A. Anonymous block

In a single record, a user selects multiple-values from a multi-select picklists.

How are the selected values represented in Apex?

- A. As a String with each value separated by a comma.
- B. As a List<String> with each value as an element in the list
- C. As a String with each value separated by a semicolon.
- D. As a Set<String> with each value as an element in the Set.
- C. As a String with each value separated by a semicolon.

What is a capability of the Force.com IDE? Choose 2 answers.

- A. Edit metadata components
- B. Run Apex tests.
- C. Download debug logs.
- D. Roll back deployments
- A. Edit metadata components
- B. Run Apex tests.

A developer writes a SOQL query to find child records for a specific parent. How many levels can be returned in a single query?

- A. 3
- B. 5
- C. 1
- D. 7
- C. 1

A developer wants to know if all tests currently pass in a Salesforce environment. Which feature can the developer use? Choose 2 answers.

- A. Developer console
- B. ANT migration tool
- C. Salesforce UI Apex Test Execution
- D. Workbench Metadata Retrieval
- A. Developer console
- C. Salesforce UI Apex Test Execution

What statement should a developer avoid using inside procedural loops? Choose 2 answers.

- A. `System.debug();`
- B. `update contactList;`
- C. `List<Contact> contacts = [ select id from Contact ];`
- D. `if(o.accountId == a.id)`
- B. `update contactList;`
- C. `List<Contact> contacts = [ select id from Contact ];`

Which statement would a developer use when creating test data for products and pricebooks?

- A. `List objList = Test.loadData(Account.sObjectType, 'myResource');`
- B. `Pricebook pb = new Pricebook();`
- C. `Id pricebookId = Test.getStandardPricebookId();`
- D. `IsTest(SeeAllData=false)`
- C. `Id pricebookId = Test.getStandardPricebookId();`

How can a developer determine, from the `DescribeSObjectResult`, if the current user will be able to create record... an object in Apex?

- A. By using the `hasAccess()` method.
- B. By using the `isCreatable()` method.
- C. By using the `isInsertable()` method.
- D. By using the `canCreate()` method.
- B. By using the `isCreatable()` method.

The sales management team requires that the lead source field of the Lead record be populated when Lead is converted. What would a developer use to ensure that a user populates the Lead source field?

- A. Process builder
- B. Validation rule
- C. Formula field
- D. Workflow rule
- B. Validation rule

Where can a developer create managed package?

- A. Developer Edition
- B. Developer Sandbox
- C. Enterprise
- D. Unlimited
- A. Developer Edition

Where can a developer call external javascript?

- A. `<link>`
- B. `<apex:define>`



- C. <apex:includeScript>
- D. <script>
- C. <apex:includeScript>
- D. <script>

What is the advantage of Salesforce Lightning

- A. Pre-defined components to give Standard Look and Feel
- B. Uses service side for better handling
- A. Pre-defined components to give Standard Look and Feel

Which three use case requires a partial copy or full sandbox?

Choose three answers

- A. Scalability Testing
- B. Development Testing
- C. Quality Assurance Testing
- D. Batch Data Testing
- E. Integration Testing

A, D, E

In the Lightning Component framework, where is client-side controller logic contained?

Choose one answer

- A. Apex
- B. Visualforce
- C. HTML
- D. JavaScript

D

A developer creates a method in an Apex class and needs to ensure that errors are handled properly. Which three would the developer use?

Choose three answers

- A. ApexPages.addErrorMessage()
- B. A custom exception
- C. .addError()
- D. Database.handleException()
- E. A try/catch construct

B, C, E

Which two are valid in the where clause of a SOQL query?

Choose two answers

- A. A geolocation field.
- B. An encrypted field.
- C. An aggregate function.
- D. An alias notation.

A, D

What is the correct way to describe how Model-View-Controller (MVC) architecture is implemented on the Salesforce platform?

Choose one answer

- A. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: s-Controls

- B. Model: Schema Builder; View: List Views; Controller: Setup Console
- C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code
- D. Model: Apex Code; View: List Views; Controller: Setup Console

**C**

Which requirement needs to be implemented by using standard workflow instead of Process Builder? Choose 2 answers.

- A. Create activities at multiple intervals.
- B. Send an outbound message without Apex code.
- C. Copy an account address to its contacts.
- D. Submit a contract for approval.

**A. Create activities at multiple intervals.**

**B. Send an outbound message without Apex code.**

How can a developer refer to, or instantiate, a PageReference in Apex? Choose 2 answers

- A. By using a PageReference with a partial or full URL.
- B. By using the Page object and a Visualforce page name.
- C. By using the ApexPages.Page() method with a Visualforce page name.
- D. By using the PageReference.Page() method with a partial or full URL.

**A, B**

A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field. The Case object and the Case Status field are on a custom visualforce page. Which action can the developer perform to get the record types and picklist values in the controller? Choose 2 answers

- A. Use Schema.PicklistEntry returned by Case Status  
getDescribe().getPicklistValues().
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType  
getDescribe().getRecordTypeInfos()
- C. Use SOQL to query Case records in the org to get all the RecordType values available for Case.
- D. Use SOQL to query Case records in the org to get all value for the Status picklist field.

**A, B : Use schema method to fetch such datas**

An sObject named Application \_\_c has a lookup relationship to another sObject named Position \_\_c. Both Application \_\_c and Position \_\_c have a picklist field named Status \_\_c. When the Status \_\_c field on Position \_\_c is updated, the Status \_\_c field on Application \_\_c needs to be populated automatically with the same value, and execute a workflow rule on Application \_\_c. How can a developer accomplish this?

- A. By changing Application \_\_c.Status \_\_c into a roll-up summary field.
- B. By changing Application \_\_c.Status \_\_c into a formula field.
- C. By using an Apex trigger with a DML operation.
- D. By configuring a cross-object field update with a workflow.

**B**

Which type of code represents the Controller in MVC architecture on the Force.com platform? Choose 2 answers

- A. JavaScript that is used to make a menu item display itself.
- B. StandardController system methods that are referenced by Visualforce.
- C. Custom Apex and JavaScript code that is used to manipulate data.
- D. A static resource that contains CSS and images.

**B, C**

A developer needs to provide a Visualforce page that lets users enter Product-specific details during a Sales cycle. How can this be accomplished? Choose 2 answers

- A. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry.
- C. Copy the standard page and then make a new Visualforce page for Product data entry.
- D. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify.

**B, D**

8. The Review\_c object has a lookup relationship up to the Job\_Application\_c object. The job\_Application\_c object has a master-detail relationship up to the Position\_c object. The relationship field names are based on the auto-populated defaults What is the recommended way to display field data from the related Review\_c records on a Visualforce for a single Position\_c record?

- A. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Job\_Application\_c object to display Review\_c data.
- B. Utilize the Standard Controller for Position\_c and a Controller Extension to query for Review\_c data.
- C. Utilize the Standard Controller for Position\_c and expression syntax in the Page to display related Review\_c data through the Job\_Application\_c object.
- D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

**B**

On a Visualforce page with a custom controller, how should a developer retrieve a record by using an ID parameter that is passed on the URL?

- A. Use the constructor method for the controller.
- B. Use the \$Action.View method in the Visualforce page.
- C. Create a new PageReference object with the Id.
- D. Use the <apex:detail> tag in the Visualforce page.

**A**

A developer creates an Apex helper class to handle complex trigger logic. How can the helper class warn users when the trigger exceeds DML governor limits?

- A. By using ApexMessage.Message() to display an error message after the number of DML statements is excel
- B. By using Messaging.SendEmail() to continue the transaction and send an alert

to the user after the number DML statements is exceeded.

C. By using `PageReference.setRedirect()` to redirect the user to a custom Visualforce page before the number DML statements is exceeded.

D. By using `Limits.getDMLRows()` and then displaying an error message before the number of DML statements exceeded.

**D**

Which declarative method helps ensure quality data? Choose 3 answers

A. Exception handling

B. Workflow alerts

C. Validation rules

D. Lookup filters

E. Page layouts

**C, D, E**

Where can debug log filter settings be set Choose 2 answers?

A. The Filters link by the monitored user's name within the web UI.

B. The Show more link on the debug log's record.

C. On the monitored user's name.

D. The Log Filters tab on a class or trigger detail page.

**A, D**

A developer needs to create a Visualforce page that will override the standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address. Where would the developer write the Account address verification logic?

A. In a Controller Extension.

B. In a Custom Controller.

C. In a Standard Controller.

D. In a Standard Extension.

**A : You cannot write logic in standard controller, you can just use the existing actions and functionalities**

Which scenario is invalid for execution by unit Tests?

A. Executing test scenarios for negative test scenarios.

B. Executing methods as different uses

C. Loading test data in place of user input for Flows.

D. Loading the standard Pricebook ID using a system method

**C**

In the Lightning component Framework, Which resource can be used to fire events? Choose 2 events

A. Visualforce Controller Actions.

B. Third-Party web service code

C. Third-Party javascript Code.

D. Javascript controller Actions.

**C, D**

Which of the following is required when defining an Apex Class Method?

A. Access Modifiers

B. Return Data Types

C. Definition Modifiers

D. Input Parameters

B. Return Data Type

Which of the following statements is true about defining getter methods?

- a. The [get] method is used to pass data from Visualforce page to Apex controller
- b. Use the name of the getter method in an expression to display the results of a getter method in a page
- c. Every value that is calculated by a controller and displayed in a page must have a corresponding getter method
- d. Getter methods are suggested to include logic that increments a variable, write a log message, or add a new record to the database.
- c. Every value that is calculated by a controller and displayed in a page must have a corresponding getter method

Which of the following ways cannot be used to throw a custom exception?

- a. throw new customExceptionName()
- b. throw new customExceptionName().addError('Error Message Here')
- c. throw new customExceptionName('Error Message Here')
- d. throw new customExceptionName(e)
- b. throw new customExceptionName().addError('Error Message Here')

Which of the following statements about defining an Apex Class is not true?

- a. An access modifier is required in the declaration of a top-level class
- b. A definition modifier is required in the top-level class
- c. The keyword [class] followed by the name of the class is necessary
- d. A developer may add optional extensions and/or implementations
- b. A definition modifier is required in the top-level class

Which of the following statements are true about creating unit tests in Apex?  
choose 2 answers

- a. Lines of code in Test methods and test classes are not counted as part of calculating Apex code coverage.
- b. Use the system.assert method to test your application in different user contexts
- c. Since data created in tests do not commit, you will not need to delete any data
- d. If code uses conditional logic (including ternary operators), one scenario will automatically cover all conditions
- a. Lines of code in Test methods and test classes are not counted as part of calculating Apex code coverage
- b. Since data created in tests do not commit, you will not need to delete any data

A component bundle contains a component or an app and all its related resources.  
Which of the following resources do not belong to the standard components bundle?

- a. Documentation
- b. Renderer
- c. Image and Animations
- d. CSS Styles
- e. Helper

### c. Image and Animations

Which of the following are true about cross-object formula fields? Choose 3 answers.

- a. For every object, cross object formula fields can be used in 3 roll-up summaries.
- b. Cross object formula fields can pull field values from master-detail or lookup parent records.
- c. Cross object formula fields can pull data from a record even if the user does not have access to it.
- d. Cross object formula fields can pull field values from objects that are up to 10 relationships away.
- e. Cross object formula fields can pull field values from its child record
- b. Cross object formula fields can pull field values from master-detail or lookup parent records
- c. Cross object formula field can pull data from a record even if the user does not have access to it
- d. Cross object formula fields can pull field values from objects that are up to 10 relationships away

A developer is required to override the standard Opportunity view button using a Visualforce page. What should the developer do?

- a. Use the StandardListController
- b. Use a custom controller and replicate the opportunity detail page
- c. Use the Opportunity StandardController
- d. Use a controller extension
- c. Use the Opportunity StandardController

A developer needs to access private methods in a class from a test class. What should be done?

- a. Change the access modifier of the private method to public
- b. Change the access modifier of the class that private method is contained in to public
- c. Annotate the private method with TestVisible
- d. Annotate the class that the private method is contained in with TestVisible
- c. Annotate the private method with TestVisible

A developer has a requirement to display a chart on the account page layout to help users visualize data. Which of the following statements is not true about how charts could be incorporated into a VisualForce page?

- a. A collection of standard components can be used to create VisualForce charts
- b. Javascript charting libraries can be used
- c. Google Charts can be integrated into VisualForce
- d. VisualForce charts will display in VisualForce pages rendered as PDF
- d. VisualForce charts will display in VisualForce pages rendered as PDF

What capabilities are part of workbench?

- a. Interacting with REST API
- b. Executing SOQL and SOSL queries
- c. Describing Metadata and data

- d. Inserting but not deleting Data
- e. Restricting workbench access to sandbox environments only
- a. Interacting with REST API
- b. Executing SOQL and SOSL queries
- c. Describing Metadata and data

Which of the following statements about setter methods is false?

- a. The [set] method is used to pass values from Visualforce page to controller
- b. Setter methods are executed prior to action methods
- c. It is necessary to include a setter method to pass values into a controller
- d. Setter methods must always be named setVariable
- c. It is necessary to include a setter method to pass values into a controller

A developer has the following requirement:

Every time a record on Contact with isPrimaryContact field set to true is deleted, update the field hasPrimaryContact to false of its related Account.

The developer should create a trigger in what event?

- a. Before Update
- b. Before Delete
- c. After Update
- d. After Delete
- d. After Delete

What is true regarding using the Force.com IDE for deploying code?

- a. The Force.com IDE cannot be used for deploying code
- b. The Force.com IDE can be used for deploying code but only from one sandbox to another
- c. The Force.com IDE can be used to deploy code to production
- d. The Force.com IDE can be used to selectively deploy metadata components to another org
- c. The Force.com IDE can be used to deploy code to production
- d. The Force.com IDE can be used to selectively deploy metadata components to another org

An administrator needs to get records with locations saved in geolocation or address fields as individual latitude and longitude values. Which SOQL statement accomplishes this goal?

- a. SELECT id, Name, Location\_\_latitude\_\_s, Location\_\_longitude\_\_s FROM CustomObject\_\_c
- b. SELECT Id, Name, Location\_latitude\_\_c, Location\_longitude\_\_c FROM CusotmObject\_\_c
- c. SELECT Id, Name, Location\_\_r.latitude\_\_c, Location\_\_r.longitude\_\_c FROM CusotmObject\_\_c
- d. SELECT Id, Name, Location\_\_r.latitude, Location\_\_r.longitude FROM CustomObject\_\_c
- a. SELECT Id, Name, Location\_\_latitude\_\_s, Location\_\_longitude\_\_s FROM CustomObject\_\_c



What is true regarding running tests from the Salesforce UI?  
choose 2 answers

- a. All classes can be selected
- b. Individual classes can be selected
- c. After tests are run, code coverage is available on Apex Test Execution page
- d. After test classes are selected, they are placed in the Apex Job queue and will always run in parallel
- a. All classes can be selected
- b. Individual classes can be selected

What is true regarding how to display data in a Visualforce page?  
choose 2 answers

- a. Expression syntax is used to bind components to the data set available in the page controller
- b. Object data can be inserted but not global data
- c. Data context is provided to controllers by the id parameter of the page
- d. The component <apex:fieldValue> component can be used to display individual fields from a record
- a. Expression syntax is used to bind components to the data set available in the page controller
- b. Data context is provided to controllers by the id parameter of the page

What is true regarding the runas method?  
choose 2 answers

- a. runas can be used in any APEX method
- b. runas can be used with existing users or a new user
- c. runas enforces user permissions and field level permissions
- d. runas ignores user license limits
- b. runas can be used with existing users or a new user
- d. runas ignores user license limits

What are valid use cases for using a custom controller in a Visualforce page?  
choose 2 answers

- a. A Visualforce page needs to add new actions to a standard controller
- b. A Visualforce page should run in system mode
- c. A Visualforce page should replace the functionality of the standard controller
- d. A Visualforce page should override the save action of the standard controller
- b. A Visualforce page should run in system mode
- c. A Visualforce page should replace the functionality of the standard controller

All of the following are action methods that are supported by standard controllers except?

- a. Quicksave
- b. Delete
- c. Select
- d. Cancel
- c. Select



Sending and receiving change sets can be done between all options except?  
Choose 2 answers

- a. Sandbox to Sandbox
- b. Developer Sandbox to Production
- c. Developer Edition to Production
- d. Developer Edition to Developer Edition
- C. Developer Edition to Production
- D. Developer Edition to Developer Edition

Which of the following are NOT valid use cases of Apex classes? Choose 2 answers.

- a. Triggers
- b. Multiple objects validation
- c. Visualforce pages with standard controllers
- d. Web Service
- e. Custom button with Javascript
- c. Visualforce pages with standard
- e. Custom button with Javascript

What does a Helper in Lightning component contain?

- a. A description, sample code, and one or multiple references to example components
- b. Custom icon resource for components used in the Lightning App Builder or Community Builder
- c. Controller functions that can be called from any part of the controller in the component bundle
- d. Styles for the component
- c. Controller functions that can be called from any part of the controller in a component bundle

Given the traditional FOR loop standard syntax:

```
for(initialization; exit_condition; increment){  
statement(s)  
}
```

How does the for-loop sequentially perform its operation?

- I. The initialization expression initializes the loop; it is executed once.
- II. The code block will be executed
- III. Evaluate the exit\_condition. If true, the loop continues. If false, the loop exits.
- IV. Execute the increment statement and evaluate the exit\_condition again.

- A. I, II, IV, III
- B. I, III, II, IV
- C. I, II, III, IV
- D. III, I, II, IV
- B. I, III, II, IV

Which features are available in the Force.com IDE?  
choose 2 answers

- a. Schema builder
- b. Process builder
- c. Schema Explorer
- d. Approval Visualizer
- e. Write and Execute Anonymous blocks
- c. Schema Explorer
- e. Write and execute anonymous blocks

Unit tests can be executed using all tools except?

- a. Developer Console
- b. Force.com IDE
- c. Salesforce UI
- d. SOAP API
- e. Change Sets
- e. Change Sets

What is true about how Salesforce deals with cross-site scripting (XSS) attacks?  
choose 2 answers

- a. All standard Visualforce components, which start with <apex>, have anti-XSS filters in place
- b. Custom JavaScript is protected from XSS
- c. Salesforce has implemented filters that screen out harmful characters in most output methods as one of the anti-XSS defenses
- d. Escape should be enabled for Visualforce Tags e.g. <apex:outputText escape="true" value="{!CurrentPage.parameters.userInput}"
- a. All standard Visualforce components, which start with <apex>, have anti-XSS filters in place
- c. Salesforce has implemented filters that screen out harmful characters in most output methods as one of the anti-XSS defenses

What is true regarding executing an anonymous block of Apex?  
choose 2 answers

- a. If the APEX code completes successfully, data changes are automatically committed
- b. Anonymous blocks can include user defined methods
- c. Anonymous blocks always run in the system context
- d. Anonymous blocks can only be compiled and executed using the Developer Console
- a. If the APEX code completes successfully, data changes are automatically committed
- b. Anonymous blocks can include user defined methods

You have a requirement to display the total cost of products at the time they were added to an opportunity. The product cost is a custom field on the product object and is added as a formula field to the opportunity product object. How would you meet this requirement?

- a. Create a rollup summary field on the opportunity based on the product cost formula field
- b. Create a workflow rule that copies the product cost to a currency field and create a

rollup summary field based on the currency field.

c. A trigger is required to sum the values of the product cost formula field

d. A trigger is required to query the product cost values and update the opportunity

b. Create a workflow rule that copies the product cost to a currency field and create a rollup summary field based on the currency field

The following actions can be performed in the Before Update trigger except  
Choose 2 answers

a. Change its own field values using trigger.new

b. Modifying trigger.old values

c. Create a validation before accepting own field changes

d. Delete trigger.new values to avoid changes

b. Modifying trigger.old values

d. Delete trigger.new values to avoid changes

What methods can be used to get a list of all sObject in an organization and their fields?

choose 2 answers

a. describeObjects()

b. describeGlobal()

c. describeSObjects()

d. describeSObjectFields()

b. describeGlobal()

c. describeSObjects()

What is true regarding accessing sharing programmatically?

choose 3 answers

a. AccountShare is the sharing object for the Account object

b. Account\_Share is the sharing object for the Account object

c. CustomObject\_\_Share is the sharing object for a custom object

d. Objects on the details side of a master detail relationship do not have a sharing object

a.. AccountShare is the sharing object for the Account object

b. CustomObject\_\_Share is the sharing object for a custom object

d. Objects on the detail side of a master detail relationship do not have a sharing object

What are the recommended tools for deploying metadata from one org to another?

choose 2 answers

a. Unmanaged Packages

b. Data Loader

c. Metadata API

d. Change Sets

e. Force.com Migration Tool

d. Change Sets

e. Force.com Migration Tool

Which of the following is not a valid Apex data type?

Choose 2 answers

- a. Blob
- b. Currency
- c. ID
- d. Text
- e. Enum
- b. Currency
- d. Text

What is true regarding a future method?  
Choose 2 answers

- a. Methods that are annotated with @future identify methods that are executed asynchronously
- b. Methods that are annotated with @future identify methods that are executed synchronously
- c. A method annotated with future can call another method that also has the future annotation
- d. Methods annotated with future can only return a void type
- a. Methods that are annotated with @future identify methods that are executed asynchronously
- d. Methods annotated with future can only return a void type

If a developer is required to create a page that will show and add actions on a set of records, what controller should a developer use?

- a. Standard Controller
- b. Standard List Controller
- c. Custom Controller
- d. Lightning Bundle Controller
- B. Standard List Controller

Test methods don't have access by default to pre-existing data in the organization except for which of the following?  
Choose 3 answers

- a. Record Types
- b. Users
- c. Custom Objects
- d. Profiles
- e. Custom Setting data
- a. Record Types
- b. Users
- d. Profiles

In Apex, an expression is a construct made up of variables, operators, and method invocations that evaluates to a single value. Which of the following is not a valid Apex expression?

- a. 3 + 4
- b. newList<Opportunity>()
- c. myClass.myMethod()
- d. @future
- d. @future

When should a static method or variable be used?

Choose 3 answers.

- a. To store information that is shared across instances of a class
- b. To use as a utility method
- c. When the static variable value should persist beyond the context of a single transaction
- d. A developer needs to access a method without instantiating a class
- a. to store information that is shared across instances of a class
- b. To use as a utility method
- d. A developer needs to access a method without instantiating a class

How can a developer check if a user has read access to a field and the field can be displayed on a Visualforce page?

- a. Call the `isAccessible()` method of `Schema.DescribeFieldResult` to verify field level read permission
- b. Call the `isViewable()` method of `Schema.DescribeFieldResult` to verify field level read permission
- c. Call the `isReadable()` method of `Schema.SObjectResult` to verify field level read permission
- d. Call the `isAccessible()` method of `Schema.DescribeSObjectResult` to verify field level read permission
- a. Call the `isAccessible()` method of `Schema.DescribeFieldResult` to verify field level read permission

A `PageReference` is a reference to an instantiation of a page. Which of the following are valid means of instantiating a `PageReference`?

There are 2 correct answers

- a. `ApexPages.Page().existingPageName`
- b. `Page.existingPageName`
- c. `PageReference pageRef = new PageReference('URL')`
- d. `PageReference.page('URL')`
- b. `Page.existingPageName`
- c. `PageReference pageRef = new PageReference ('URL')`

What will be the result of running the following code?

```
for(Integer x = 0; x < 200; x++){
    Account newAccount = new Account (Name='MyAccount' +x);
    try{
        insert newAccount
        System.debug(Limits.getDMLStatements());
    }
    catch(exception ex){
        System.Debug('Caught Exception');
        System.Debug(ex);
    }
}
insert new Account(Name='MyAccount-last');
```

- a. A limit exception will be caught and one account will be inserted
- b. 150 accounts will be inserted

- c. No accounts will be inserted
- d. 201 accounts will be inserted
- c. No accounts will be inserted

Which of the following statements about defining an Apex Class is not true?

- a. An access modifier is required in the declaration of a top-level class
- b. A definition modifier is required in the top-level class
- c. The keyword[class] followed by the name of the class is necessary
- d. A developer may add optional extensions and/or implementations
- b. A definition modifier is required in the top-level class

Given the following options, what are the valid ways to declare a collection variable?  
choose 3 answers

- a. new Account(<Name = 'Business Account'>)
- b. new Map<Id,Account>()
- c. new Contact[](<elements>)
- d. new List<Account>()
- e. new Integer()
- b. new Map<Id,Account>()
- c. new Contact[](<elements>)
- d. new List<Account>()

Which of the following class variable declarations best describes the statement below?

A variable numberOfStudents with a constant value of 25 that is accessible only within the Apex class it is defined

- a. Global static Integer numberOfStudents = 25;
- b. private static final Integer numberOfStudents = 25;
- c. public Integer numberOfStudents = 25;
- d. protected final Integer numberOfStudents = 25;
- b. private static final Integer numberOfStudents = 25;

(static makes it CONSTANT)

Which of the following statements are true when defining Apex classes?  
Choose 2 answers

- a. It is optional to specify an access modifier in declaring a top-level class
- b. A top-level class can have multiple levels of inner classes
- c. It is required to specify an access modifier in declaring top-level class
- d. It is optional to specify an access modifier in declaring inner class
- c. It is required to specify an access modifier in declaring top-level class
- d. It is optional to specify an access modifier in declaring inner class

What are the recommended tools for deploying metadata from one org to another?  
Choose 2 answers

- a. Unmanaged packages
- b. Data loader

- c. Metadata API
- d. Change Sets
- e. Force.com migration tool
- d. Change Sets
- e. Force.com Migration tool

Which of the following is not considered one of the security vulnerabilities in Apex and Visualforce Development?

- a. Cross-Site Scripting (XSS)
- b. SOQL Injection
- c. Cross-Site Request Forgery (CSRF)
- d. SOQL Direct Insert
- d. SOQL Direct Insert

In the statement below, controller refers to what type of controller? Select the one correct answer.

```
<apex:page controller="AccountController">
```

- A. Standard Controller
- B. Custom Controller
- C. Controller Extension
- D. Specific Controller
- B. Custom Controller

Which of the following represent correct syntax to display first name from global variable user? Select the one correct answer.

- A. {User.FirstName}
- B. {!User.FirstName}
- C. \$User.FirstName
- D. {!\$User.FirstName}
- D. {!\$User.FirstName}

Which of these is not a standard profile? Select the one correct answer.

- A. Developer
- B. Contract Manager
- C. Read only
- D. Solution Manager
- A. Developer

Name the language Force.com uses to support full-text search in objects. Select the one correct answer.

- A. SQL
- B. VisualForce
- C. SOQL
- D. SOSL
- D. SOSL**

Use the Salesforce Object Search Language (SOSL) to construct text searches in the search() call, in Apex statements, in Visualforce controllers and getter methods, or the Schema Explorer of the Eclipse Toolkit.

Unlike SOQL, which can only query one object at a time, SOSL enables you to search text, email, and phone fields for multiple objects simultaneously. Before a code can be deployed on production what percentage of test coverage must be achieved. Select the one correct answer.

- A. 25%
- B. 50%
- C. 75%
- D. 100%
- C. 75%**

Deployment Resulting in Overall Coverage Lower Than 75%

When deploying new components that have 100% coverage to production, the deployment fails if the average coverage between the new and existing code doesn't meet the 75% threshold. If a test run in the destination organization returns a coverage result of less than 75%, modify the existing test methods or write additional test methods to raise the code coverage over 75%. Deploy the modified or new test methods separately or with your new code that has 100% coverage.

In Salesforce what is the maximum number of fields that can be added to an object? Select the one correct answer.

- A. There is no such limit on the number of fields
- B. 100
- C. 200
- D. 500
- D. 500**

How many characters are there in the Salesforce case-insensitive id field of an object? Select the one correct answer.

- A. id field is not mandatory
- B. The field length is customizable
- C. This depends on the version of Salesforce
- D. 18
- D. 18**

<https://help.salesforce.com/articleView?id=0000004383&type=1>

Name the prefix used by standard VisualForce markup tags. Select the one correct answer.

- A. vf
- B. apex
- C. c
- D. s
- B. apex**



Which of the following cannot be included in a VisualForce page? Select the one correct answer.

- A. Java
- B. JavaScript
- C. HTML
- D. Flash
- A. Java

To create a new VisualForce page HelloWorld in developer mode, which URL should be appended to server address? Select the one correct answer.

- A. /HelloWorld
- B. /vf/HelloWorld
- C. /apex/HelloWorld
- D. /home/HelloWorld
- C. /apex/HelloWorld

What is the maximum size of a VisualForce page? Select the one correct answer.

- A. 1 MB
- B. 5 MB
- C. 15 MB
- D. There is no limit on the size of a VisualForce page
- C. 15 MB

What is the number of components that can be added to a dashboard? Select the one correct answer.

- A. 20
- B. 25
- C. 50
- D. 100
- A. 20

Each dashboard can have up to 20 components.

Which of these represent the correct syntax for custom controllers? Select the one correct answer.

- A. <apex:page controller="MyController">
- B. <apex:page standardController="MyController">
- C. <apex:page customController="MyController">
- D. <apex:page privateController="MyController">
- A. <apex:page controller="MyController">

Which is the first step when creating reports? Select the one correct answer.

- A. Select report name
- B. Select object on which report needs to be generated
- C. Select type of report
- D. Select columns to be displayed
- B. Select object on which report needs to be generated

Which of these is not a valid report type. Select the one correct answer.

- A. Summary
- B. Matrix
- C. Tabular
- D. Detailed
- D. Detailed**

Which report type is used to group rows of data and show their subtotals. Select the one correct answer.

- A. Summary
- B. Matrix
- C. Tabular
- D. Detailed
- A. Summary**

Which report type is used to group rows and columns of data and show their subtotals. Select the one correct answer.

- A. Summary
- B. Matrix
- C. Tabular
- D. Detailed
- B. Matrix**

Which report type does not allow generation of charts? Select the one correct answer.  
(check again)

- A. Summary
- B. Matrix
- C. Tabular
- D. Detailed
- C. Tabular**

Which of these are valid data type in Force.com development platform. Select the two correct answers. (check again)

- A. Percent
- B. URL
- C. Choicebox
- D. Long
- E. Decimal
- A. Percent**
- B. URL**

When designing an application, a developer needs to make a field editable to all profiles. In field level security what settings should be used in this situation. Select the one correct answer.

- A. Disable Visible and Read-Only
- B. Disable Visible but Enable Read-Only

C. Enable Visible but Disable Read-Only

D. Enable Visible and Read-Only

C. Enable Visible but Disable Read-Only

Which report type does not support analytical snapshot? Select the one correct answer.

(check again)

A. Summary

B. Matrix

C. Tabular

D. Detailed

B. Matrix

Source report in Analytical snapshot can be of the type Tabular or Summary.

<https://success.salesforce.com/answers?id=90630000000hOkpAAE>

A customer has requested a user interface where list view of four objects can be accessed together with frequent navigation across them. Which feature of Force.com platform can be used to support this requirement? Select the one correct answer.

A. Console

B. Dashboards

C. Analytical Snapshot

D. Packages

E. Layout Template

A. Console

In a recruitment application, a dashboard component needs to be built that will display total number of positions. Which dashboard component can be used to implement this feature? Select the one correct answer. (check again)

A. Gauge

B. Metric

C. Table

D. Chart

E. VisualForce page

B. Metric

Universal Recruiters will like to hire ten employees in two months. In a recruitment application, a dashboard component needs to be built that will display progress towards achieving this goal of hiring of ten employees. Which dashboard component can be used to implement this feature? Select the one correct answer.

A. Gauge

B. Metric

C. Table

D. Chart

E. VisualForce page

A. Gauge

Universal Recruiters uses an external system for keeping track of exits from the organization. The CEO of the organization will like to view information about exits in the Salesforce application that Universal Recruiters uses. Which dashboard component can be used to implement this feature? Select the one correct answer.

A. Gauge

- B. Metric
- C. Table
- D. Chart
- E. VisualForce page
- E. VisualForce page

Universal Recruiters uses Force.com as its recruitment platform. The Sales VP of Universal Recruiters will like a report that will display progress in recruitment across six months. Which reporting component can be used to implement this feature? Select the one correct answer.

- A. Summary
- B. Matrix
- C. Tabular
- D. Analytic Snapshot
- D. Analytic Snapshot

Which features are supported by Salesforce in developer mode? Choose two answers. (check again)

- A. Developer mode allows a default user interface to be created for objects.
- B. Developer mode provides a debugger that is used to perform step by step execution.
- C. Developer mode allows developers to create dashboards from reports.
- D. Developer mode allows split screen where user can view Visual Force editor and user interface together
- E. Developer mode allows developers to create new pages by just entering the page name.
- D. Developer mode allows split screen where user can view Visual Force editor and user interface together
- E. Developer mode allows developers to create new pages by just entering the page name.

Universal Recruiters wants to make access to records in such a way that all managers should be able to access records that are accessible to their team members. Which feature of Force.com's security should be used to implement this requirement. Select the one correct answer.

- A. Object level access to profiles
- B. Field level access to profiles
- C. Organization wide defaults
- D. Role hierarchy
- E. Sharing rules
- F. Manual sharing
- D. Role hierarchy

Universal Recruiters need to ensure that the Social Security Number and Phone Numbers follow a specific pattern. Which function can be used to implement this functionality. Select the one correct answer.

- A. REGEX
- B. EXPRMATCH
- C. ISNUMBER

- D. PRIORVALUE
- E. VLOOKUP
- A. REGEX

Universal Recruiters have an object that they use to store all US zip codes and corresponding states. They want to ensure that the zip code and state specified by users are correct. Which function could be used to implement this feature? Select the one correct answer.

- A. REGEX
- B. EXPRMATCH
- C. ISNUMBER
- D. PRIORVALUE
- E. VLOOKUP
- E. VLOOKUP

Which of these functions is available in formula field. Select the one correct answer.

- A. ISCHANGED
- B. ISNEW
- C. REGEX
- D. IF
- E. VLOOKUP
- F. All of these functions are available in a formula field
- D. IF

A Force.com developer needs to execute Apex code snippet and check the resource usage. Which feature of the platform can be used to support this requirement. Select the one correct answer.

- A. Debug Log
- B. System Log
- C. Setup Audit Trail
- D. Field Level Security
- B. System Log

A user at Universal Container has reported an issue with respect to approval process. You need to analyze this issue by reviewing the debug messages that get generated for this particular users. Which feature of the platform can be used to support this requirement. Select the one correct answer. (check again)

- A. Debug Log
- B. System Log
- C. Setup Audit Trail
- D. Field level security
- A. Debug Log

While debugging an issue you realize that the field type of an object has changed. You need to find out more details about this change. Which feature of the platform can be used to support this requirement. Select the one correct answer. (check again)

- A. Debug Log

- B. System Log
- C. Setup Audit Trail
- D. Field level security
- C. Setup Audit Trail**

In Universal Recruiter application a developer realizes that the Salary field of an employee is set up to an incorrect value. The developer needs to find out who has set this new value to Salary field. Which feature of the platform can be used to support this requirement. Select the one correct answer. (check again)

- A. Debug Log
- B. System Log
- C. Setup Audit Trail
- D. Field History Tracking
- D. Field History Tracking**

Which of the following is correct about custom fields in Salesforce. Select one correct answer.

- A. If a field is set as required it must be entered in the Salesforce generated pages, however it may not be specified when entering information via Force.com API
- B. A required field is always present in an edit page
- C. A unique field is always present in an edit page
- D. A unique field increases report and SOQL performance
- B. A required field is always present in an edit page**

Fields of the which of the following type is not allowed to be set as external ids. Select one correct answer.

- A. Date
- B. Number
- C. eMail
- D. Text
- A. Date**

The number of master detail relationship that an object can have are

- A. 1
- B. 2
- C. 25
- D. 300
- B. 2**

<https://success.salesforce.com/answers?id=906300000000gsEtAAI>  
The number of Lookup relationship that an object can have are

- A. 1
- B. 2
- C. 25
- D. 300
- C. 25**

<https://success.salesforce.com/answers?id=906300000000gsEtAAI>

Which of these is true about the Lookup Relationship. Select one correct answer.

- A. Parent is not a required field and may be omitted.
- B. Deleting an object deletes its children.
- C. Roll-up summary field can be used to perform basic operations over all children of a parent record.
- D. Security access of the child record is dependent upon the parent record.
- A. Parent is not a required field and may be omitted.**

Which of the following cannot be used to build a complete Custom Tab. Select one correct answer.

- A. Display an external web page
- B. Display data using a VisualForce page
- C. Show data from a custom object using the native user interface
- D. Display the approval process using an Apex page
- D. Display the approval process using an Apex page**

Which of the following is not supported by Enhanced Page Layout editor. Select the one correct answer.

- A. Change the field name
- B. Add blank spaces
- C. Make a field required or read-only
- D. Add a new section
- E. Add a new custom field
- E. Add a new custom field**

Which of the following is true about Roll-up summary fields? Select one correct answer.

(check again)

- A. Roll-up summary can only be set on the parent of a Master-Detail or Lookup relationship.
- B. Roll-up summary can be used to compute SUM,MIN,MAX,AVG over a set of records
- C. The results of the roll-up summary is displayed on the child in a master-detail relationship.
- D. Roll-up summary fields are read only.
- D. Roll-up summary fields are read only.**

Which of the following is true about Validation Rules? Select two correct answers.

- A. Validation rules are executed when the user clicks on the Save button.
- B. Validation rules are not applicable when the data is stored using the API.
- C. If the error condition evaluates to true, then an error message is generated and the record is not saved.
- D. Validation rules are applied only when a new record is created, and not when an existing record is edited.
- A. Validation rules are executed when the user clicks on the Save button.**
- C. If the error condition evaluates to true, then an error message is generated and the record is not saved.**

Which of the following is not a valid return type of a custom formula. Select one correct answer.

- A. Date
- B. Decimal
- C. Text
- D. Array
- D. Array**

Which of the following is not a part of a Force.com app. Select one correct answer.

- A. Notes
- B. Tab
- C. Links
- D. Forms
- A. Notes**

An organization needs to create a public website that displays data from Salesforce.com organization without user registration. Select one correct answer.

- A. Apex
- B. Triggers
- C. Salesforce Knowledge base
- D. Force.com sites
- E. Formula
- D. Force.com sites**

True or False?

When building a custom application, a developer can include a custom icon for the app.

**True**

The icon will appear to the left of the global search box at the top of the screen. Please note that the icon can only be 200px wide.

True or False?

When choosing a tab style for a custom object tab, a developer can create a custom style.

**True**

In addition to selecting from a variety of choices, a developer can create their own unique tab style based on imagery, colors or both.

In which applications can a custom tab be used?  
(select all that apply)

- A. Standard Applications
- B. Custom Applications
- C. Standard and Custom Applications
- D. None of the above
- C. Standard and Custom Applications**

Custom tabs can be used in any application whether it is custom or standard.



What type of field needs to be wrapped in a function (inside a formula) to be accessed?

- A. Date Today() Function
- B. Picklist (ISPICKVAL) function
- C. Case
- D. IF/Then
- B. Picklist (ISPICKVAL) function**

What are the benefits of the Force.com platform?  
(select all that apply)

- A. Data-Centric
- B. Collaborative
- C. Closed API
- D. Rigid UI
- A. Data-Centric**
- B. Collaborative**

What is a Data-Centric App?

An application that is based on structured, consistent information as you find in a database or xml file.

What is a collaborative App?

An application with data and services that are shared by multiple users in different locations.

What are three Salesforce.com features that facilitate collaboration?  
(select all that apply) (check again)

- A. Security and Sharing Model
- B. API Access
- C. Audit Trail
- D. Approval Processes
- E. Workflow rules
- A. Security and Sharing Model**
- D. Approval Processes**
- E. Workflow Rules**

All three of these features promote user's ability to access and share data around record information and business process.

Describe Multi-Tenant Architecture.

An application model in which all users and apps share a single, common infrastructure and code base while keeping their individual org level data separate and secure.

What is a Metadata-driven development model? (check again)

An app development model that allows apps to be defined as declarative "blueprints," with no code required. Data models, objects, forms, workflows, and more are defined by metadata in a database.

What is API access?

Application programming interfaces (APIs) provide direct access to all data stored in Force.com from virtually any programming language and platform. Information can be queried, created, exported, updated and deleted through the API.

In Create-->Apps what does the Quick Start button do?  
(select all that apply)

- A. Initiates the workflow wizard

- B. Creates an app with one custom object and associated tab
- C. Creates an approval process to create and application
- B. Creates an app with one custom object and associated tab**

The wizard will create an app that has one custom object and tab that can be selected from the app selection menu at the top right of the screen. This disallows someone from making the mistake of not creating a tab for the object to be displayed in the app.

What permission is required for users to see an object marked as "In Development"?

- A. Development Access
- B. Modify all on the profile
- C. Customize fields
- D. Customize application
- D. Customize application**

"Customize Application" permission is enabled for a profile so that users can see an object marked as "In Development".

What permissions are required for users to see the Force.com Quick Access Menu? (select all that apply)

- A. Development Access
- B. Modify all on the profile
- C. Customize fields
- D. Customize application
- D. Customize application**

Roll-Up Summaries are available on what type of Relationships? (select all that apply)

- A. Lookup relationship
- B. Formula relationship
- C. Apex relationship
- D. Master-Detail relationship
- D. Master-Detail relationship**

Roll up summaries are a defined function of a master-Detail relationships.

What are search layouts responsible for?

(select all that apply) (check again)

- A. The fields that are available in each custom object.
- B. The default fields that appear in related lists on other object detail pages.
- C. The fields returned in global search.
- D. The fields that appear in the list on the tab home page.
- B. The default fields that appear in related lists on other object detail pages.**
- D. The fields that appear in the list on the tab home page.**

Search layouts are specified so that the fields that are relevant on related lists, or the home page of a custom object, are shown correctly. If a search layout is not specified, only the record ID is shown in the list view.

Typically, the Search layout of an object is used as the default layout for related lists. What are the exceptions to this?

What is the exception to the Search layout of an object being the default layout for related lists?

##EDIT##

Only if the related list properties have not been modified on other objects' page layouts.

What does the primary detail object in a master-detail relationship inherit?  
(select all that apply)

- A. Non-formula based values from the master
- B. The color and associated tab icon from the primary master record.
- C. The value of the Owner field and sharing / security settings from the primary master record.
- D. The "run-as" user for the master object primary reporting model.
- B. The color and associated tab icon from the primary master record.
- C. The value of the Owner field and sharing / security settings from the primary master record.

What do profiles control?

(mnemonic: UFO---TV---AARP---LL)

1. User permissions—The specific functions that users can perform, like viewing the Setup menu and customizing applications.
2. Field permissions (also known as "field-level security")—The object fields the user can view and edit.
3. Object permissions—The objects the user can view, create, edit, and delete.
4. Tab settings—The tabs the user can view in the app
5. Visualforce page access—The Visualforce pages a user can execute
6. App settings—The standard and custom apps the user can access
7. Apex class access—The Apex classes a user can execute
8. Record types—The record types available to the user
9. Page layouts—The page layouts a user sees
10. Login hours—The hours during which the user can log in to the app
11. Login IP ranges—The IP addresses from which the user can log in to the app

Which of the following are standard profiles?

(select all that apply)

- A. Marketing User
- B. Knowledge User
- C. Content User
- D. Standard User
- E. Systems Integrator
- F. Read Only
- A. Marketing User
- D. Standard User
- F. Read Only

More Standard profiles:

1. Read Only
2. Standard User
3. Marketing User

- 4. Contract Manager
- 5. Solution Manager
- 6. System Administrator

What occurs with permissions when Object and Record settings conflict?

- A. The most permissive settings win
  - B. The most restrictive settings win
  - C. The record gets locked
  - D. The account owner is automatically notified about the conflict
- B. The most restrictive settings win**

This makes sense because if records are to be restricted, you want to err on the side of restriction.

When setting up OWDs, what are the questions to ask for each object?  
(select all that apply)

- A. Who is the most restricted user of this object?
  - B. Who is the least restricted user of this object?
  - C. Is there ever going to be an instance of this object that this user shouldn't be allowed to see?
  - D. Is there ever going to be an instance of this object that this user shouldn't be allowed to edit?
  - E. Will this user be able to export information?
- A. Who is the most restricted user of this object?**  
**C. Is there ever going to be an instance of this object that this user shouldn't be allowed to see?**  
**D. Is there ever going to be an instance of this object that this user shouldn't be allowed to edit?**

##EXPLAIN##

True or False?

Sharing rules are more restrictive than OWDs.

**False**

Sharing rules and role hierarchies can never be stricter than org-wide default settings.

What are the Rule Types that can be chosen when creating Account Sharing rules?  
(select all that apply) (check again)

- A. "Based on Record Owner"
  - B. "Based on Quota Fulfillment"
  - C. "Based on Department"
  - D. "Based on Specified Criteria"
  - E. "Based on Username"
- A. "Based on Record Owner"**  
**D. "Based on Specified Criteria"**

Ownership and "specified criteria" are the options for "Sharing Rule Types" when creating or editing Account Sharing Rules.

True or False?

You can use Apex to define criteria based sharing rules. (check again)

**False**

What is the purpose of a user's community nickname?

The community nickname is used to identify the user in the Salesforce CRM Ideas app.

What are 4 global administrative permissions automatically granted to the Administrator Profile?

(select all that apply)

- A. "View All Data"
- B. "Modify All Data"
- C. "Customize Application"
- D. "Manage Users"
- E. None of the above

- A. "View All Data"
- B. "Modify All Data"
- C. "Customize Application"
- D. "Manage Users"

What are some ways that Force.com provides to quickly delegate data administration access?

(select all that apply) (check again)

- A. Object-level permissions
- B. Force.com Eclipse IDE
- C. Force.com quick access menu
- D. Delegated administration groups

- A. Object-level permissions
- D. Delegated administration groups

##EXPLAIN##

What additional permissions to "Read All" does "Modify All" grant?

(select all that apply) (check again)

- A. Mass update
- B. Mass export
- C. Mass delete
- D. Mass transfer
- E. Mass Hide
- F. Approve records even if the user is not a designated approver

- A. Mass update
- C. Mass delete
- D. Mass transfer
- F. Approve records even if the user is not a designated approver

##EXPLAIN##

What are not abilities of users in the Delegated Administrators group?

(select all that apply)

- A. Creating and editing users and resetting passwords for users in specified roles and all subordinate roles
- B. Assigning users to specified profiles
- C. Logging in as a user who has granted login access to an administrator
- D. Managing custom objects created by the primary administrator
- E. Creating objects
- F. Creating profiles
- G. None of these

- E. Creating objects
- F. Creating profiles

##EXPLAIN##

What options allow delegated admins to log in as a user who has explicitly granted login access?

(select all that apply)

- A. "Enable Group for Login Access"
- B. "Modify all"
- C. "Read all"
- A. "Enable Group for Login Access"

True or False?

Delegated Admins can modify profiles listed as Assignable Profiles. (check again)

False

They can only assign them to users.

When Feed Tracking is enabled for an object, what is posted to your personal feed?  
(select all that apply)

- A. All tracked field updates
- B. Other users' posts and comments on the records you're following
- C. Changes to related lists
- D. All of the above
- A. All tracked field updates
- B. Other users' posts and comments on the records you're following

##EXPLAIN##

When a workflow task is created what default values are set?

(select all that apply)

- A. Assignee
- B. Subject
- C. Status
- D. Priority
- E. Due Date
- F. None of the above
- A. Assignee
- B. Subject
- C. Status
- D. Priority
- E. Due Date

If the assignee of a workflow task is a role that contains more than one assigned user, who becomes the assignee?

- A. Account Owner
- B. System Administrator
- C. The person who triggered the rule
- D. The record would show an error message and not be processed until a single user is selected.
- C. The person who triggered the rule

You can add or remove time triggers if:  
(select all that apply)

- A. The workflow rule is active
- B. The workflow rule is deactivated and has no pending actions in the queue
- C. The workflow rule trigger type is set to "Every time a record is created or edited"
- D. The workflow rule is included in a package
- B. The workflow rule is deactivated and has no pending actions in the queue**

##EXPLAIN##

Which of the following member types are available for a queue?  
(select all that apply)

- A. Private Groups
- B. Profiles
- C. Public Groups
- D. Roles
- E. Roles and Subordinates
- F. Territories
- G. Territories and Subordinates
- C. Public Groups**
- D. Roles**
- E. Roles and Subordinates**
- F. Territories**
- G. Territories and Subordinates**

Users are also available. Profiles are not included and Private Groups do not exist.  
What is the default workflow user?

- A. The system administrator who created the workflow.
- B. The manager of the user who triggered a workflow.
- C. The user who should be assigned as the owner of a workflow action if the original user who triggered the rule is no longer active.
- D. There is no default workflow user.
- C. The user who should be assigned as the owner of a workflow action if the original user who triggered the rule is no longer active.**

If the person who triggered the rule is no longer active, a default user will be used to make sure that the workflow is still able to perform.  
When must a default workflow user be specified?

- A. On all workflow rules
- B. On all time-dependent workflow rules
- C. On selected workflow rules
- D. Default workflow users are optional
- B. On all time-dependent workflow rules**

##EXPLAIN##

With workflow rules, in which fields does Salesforce display the default workflow user?  
(select all that apply) (check again)

- A. Username, in the "Created By" field for tasks
- B. The "Sending User" field for email
- C. The "Assignment" field
- D. The "Security Profile" field
- E. The "Last Modified By" field for field updates

- A. Username, in the "Created By" field for tasks
- B. The "Sending User" field for email
- E. The "Last Modified By" field for field updates

##EXPLAIN##

What are some of the ways to keep email templates organized?  
(select all that apply)

- A. Preface any template name with the name of the app that uses it
- B. Create a public email template folder with the name of the app, such as Recruiting App Templates, and file all the relevant email templates in it
- C. None of the above

- A. Preface any template name with the name of the app that uses it
- B. Create a public email template folder with the name of the app, such as Recruiting App Templates, and file all the relevant email templates in it.

True or False?

If you leave the Next Automated Approver Determined by blank, you can't automatically assign approval requests to the manager in any step you create.

True

##EXPLAIN##

What are the implications of the "Use Approver Field of Record Owner" checkbox when creating an approval process? (check again)

The approval process will use the Manager standard user field or a custom field on the record owner's user record instead of the submitter's user record.

Once you use this setting in a step, and in subsequent steps, it refers to the manager of the approver, not the manager of the record owner.

With an approval process how do you show whether a record was submitted for approval in the past, who were the designated approvers, and whether it was approved or rejected?

- A. "Display approval history information in addition to the fields selected above"
- B. Add Approval history to page layout.
- C. Both A & B
- D. None of the above

C. Both A & B

In addition to selecting the display format using the approval dialogues, you must add the section to the page layout on whichever object is being used by the approval.

##EDIT FOR CLARITY##

Where is a Delegated Approver for a user for Approval Process set up? (check again)

- A. On the community page
- B. On the approver profile
- C. On the user record
- D. On the approval process

C. On the user record

The delegated approver can be specified on the user record in the Delegated Approver field

True or False? (check again)

Tabular Reports can be used to create groups of data or graphs.



False

Tabular reports display lists of information only. You can't group or summarize tabular reports without causing their type to change to a different format.

What do dynamic dashboards show?

(select all that apply) (check again)

- A. Data from all reportable fields
- B. Data for all users at the executive level
- C. Data for all objects in all apps
- D. Data for each user according to their own security settings
- D. Data for each user according to their own security settings**

Dynamic dashboards allow administrators to set up one report that will be filtered when clicked on by each user to their security settings. This follows the create once, publish many principle.

Which are ways that a custom report type may be configured?

(select all that apply)

- A. Choose available fields
- B. Choose order of fields
- C. Rename field labels
- D. Check field by default
- E. Reorder Sections
- F. Rename Sections
- G. Create New Sections

**All - A,B,C,D,E,F,G**

Custom report types CAN be configured in at least the following ways:

- Choose available fields
- Choose order of fields
- Rename field labels
- Check field by default
- Reorder Sections
- Rename Sections
- Create New Sections

See the custom report type builder for these advanced options.

The Metadata API provides access to the following:

(select all that apply)

- A. Your data model (including database schema)
- B. S-Controls (including S-Config manifests)
- C. Web-to-lead forms (including converted leads)
- D. Business logic (including Apex code)
- E. User Interface (including Visualforce pages)
- A. Your data model (including database schema)**
- D. Business logic (including Apex code)**
- E. User interface (including Visualforce pages)**

##EXPLAIN##

What type of Apps are a good fit for Force.com?

1. Data Apps
2. Process-centric Apps

##EXPLAIN##

What do the first 3 characters of an ID field identify?

- A. The object type
- B. The location on the storage pod
- C. The serial number in the data center
- D. The storage field identifier
- A. The object type

##EXPLAIN##

True or False?

There is more than 1 version of a record ID.

True

15 character, case-sensitive

18 character, case-insensitive

Across what environments are Salesforce IDs identical? (check again)  
(select all that apply)

- A. Production and Developer
- B. Developer and Full Sandbox
- C. Production and Configuration
- D. Developer and Configuration
- E. Production and Full Sandbox
- F. None of the above
- E. Production and Full Sandbox

Production and full sandbox are basically mirror each other so you can create and use actual conditions as you create customizations and configure changes to be pushed back into production when done.

By default, what appears as the first value in related lists?

- A. The record ID
- B. The Name Field
- C. The Date Created
- D. The foreign ID key
- B. The Name field

##EXPLAIN##

How long are custom fields stored after deletion?

- A. 60 Days
- B. 45 Days
- C. 30 Days
- D. 15 Days
- E. Custom fields are immediately erased from the system in the latest edition of salesforce
- D. 15 Days

##EXPLAIN##

What are the data loss effects resulting from a change in custom field type?  
(select all that apply) (check again)

- A. Reports that contain these fields are deleted
- B. Assignment and Escalation rules using these fields are affected
- C. Dashboards that are powered by reports that contain these fields are deleted
- D. List views based on the custom field are deleted

B. Assignment and Escalation rules using these fields are affected

D. List views based on the custom field are deleted

##EXPLAIN##

True or False?

Currently defined picklist values are retained when you change a picklist to a multi-select picklist.

True

Currently defined picklist values are retained when you change a picklist to a multi-select picklist.

If records contain values that are not in the picklist definition, those values will be deleted from those records when the data type changes.

What occurs if you change the datatype of a custom field that is set as an external ID, choosing a data type other than text, number, or email? (check again)

A. The external ID referenced is not affected

B. A warning message is sent every time the record is accessed

C. Validation rules prevent this type of change

D. The field no longer acts as an external ID

D. The field no longer acts as an external ID

Any field type other than text, number or email cannot be uniquely identified, hence the inability to continue as an external ID.

Which of the following are true regarding an auto number field?

(select all that apply)

A. The data in any auto-number field remains unchanged if you change to a text field

B. Data contained in a text field will not be deleted when you change it to auto number

C. All records created while the field was an auto number field will be deleted

D. None of the above

A. The data in any auto-number field remains unchanged if you change to a text field

B. Data contained in a text field will not be deleted when you change it to auto number

The data in any auto-number field remains unchanged if you convert it into a text field. Also, you can safely convert a text custom field into an auto-number field without losing your data.

Converting an auto-number field into any other data type results in data loss. Auto-number fields can contain a maximum of 30 characters. Before converting a text custom field into an auto-number field, change any records that contain more than 30 characters in that field.

True or False?

A universally required field appears on the page layouts of all record types of an object.

True

When designing your page layouts, universally required fields:

- Cannot be removed from a page layout

- Are automatically added to the end of the first section of a page layout if not already on it

- Cannot be read only or optional

- Display in bold, indicating they are always visible
- Are disabled on the field properties page because you cannot remove the required setting

What is the maximum number of external IDs an object may have?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5
- C. 3**

For each object that can have custom fields, you can set up to THREE custom text, number, or email fields as external IDs. An external ID field contains record identifiers from a system outside of Salesforce.

You can use an external ID field to update or upsert records using the API. When using the API or import wizards for custom objects and solutions, you can use this field to prevent duplicates by also marking the field as Unique.

Note: Custom fields marked as Unique count against an object's limit of three External ID fields. Custom indexing that occurs automatically in the background by Salesforce does not count against External ID limits.

With dependent picklists, what can Standard fields be used for?

- A. Controlling Fields
- B. Dependent Fields
- C. Standard fields can not be used in picklists
- A. Controlling Fields**

Standard fields can only be used as Controlling fields because their functions cannot be altered in a way where other fields can influence them.

What is the maximum amount of values allowed in a controlling field?

- A. 5
- B. 10
- C. 50
- D. 100
- E. 300
- F. Unlimited
- E. 300**

True or False?

A custom multi-select picklist can be used as a controlling field.

**False**

A Custom Multi-select picklist can only be used as a dependent picklist.  
In order to see encrypted data, which permission must a user have?

- A. View Encrypted Data
- B. System Administrator
- C. Executive User
- D. None of the above
- A. View Encrypted Data**

##EXPLAIN##

True or False

Encrypted fields can be used in search results.

True

True or False?

Encrypted Data is a standard salesforce feature

False

You must contact Salesforce to enable this feature

What are some limitations for encrypted fields?

(select all that apply) (check again)

- A. Cannot be unique
- B. Cannot be longer than 16 characters
- C. Cannot be an external ID
- D. Cannot have a default value
- E. None of these

A. Cannot be unique

C. Cannot be an external ID

D. Cannot have a default value

Some more info about Encrypted fields.

- Encrypted custom fields cannot be unique, an external ID, or have default values.
- While other text fields can contain up to 255 characters, encrypted text fields are limited to 175 characters due to the encryption algorithm.
- Encrypted fields are not available for use in filters such as list views, reports, roll-up summary fields, and rule filters.
- Encrypted fields cannot be used to define report criteria but they can be included in report results.
- Encrypted fields are not searchable but they can be included in search results.

True or False?

An Owner field exists on a detail object in a master-detail relationship.

False

The Owner field on the detail and sub-detail records is NOT available and is automatically set to the owner of the master record.

Custom objects on the "detail" side of a master-detail relationship can't have sharing rules, manual sharing, or queues, as these require the Owner field

True or False?

A standard object can be used as a detail record in a Master-Detail relationship

False

Standard objects cannot be used as the detail in a Master Detail Relationship

What is the maximum number of standard (non-master/detail) lookup relationships allowable per object?

- A. 5
- B. 10
- C. 25
- D. 50
- E. 100

### C. 25

Even though some Salesforce documentation says that you can have as many standard (non-master/detail) relationships as you want as long as the custom field limit is not reached, the Winter '13 "Salesforce Limits Quick Reference Guide" clearly states that the max on Lookup fields is 25 per object for ALL Salesforce Editions. What is the maximum number of master/detail lookup relationships allowable per object?

- A. 1
- B. 2
- C. 3
- D. 4
- E. None of the above

### B. 2

Only 2 master detail relationships are allowable per object. What is a self relationship?

- A. A relationship of account to opportunity owned by same owner
- B. A lookup to global search
- C. A lookup field to the same object
- C. A lookup field to the same object

### ##EXPLAIN##

What happens to the object linked by a lookup field when the parent object is deleted?

- A. Orphaned
- B. Reparented to another account
- C. Flagged by workflow rule
- D. Sent to a queue for reassociation
- A. Orphaned

Note: This depends on whether or not you choose the "Don't allow deletion of the lookup record that's part of a lookup relationship" when you define the relationship. Describe a Junction object

An object that is on the detail side of a master-detail relationship with two different objects, thereby creating a many-to-many relationship between the two master objects.

What can be used to limit the records return when users utilize a lookup?  
(select all that apply)

- A. Lookup Filters
- B. Workflow Rules
- C. Sharing Rules
- D. Security Profiles
- E. None of these
- A. Lookup Filters

Lookup filters are administrator settings that restrict the valid values and lookup dialog results for lookup, master-detail, and hierarchical relationship fields. Administrators specify the restrictions by configuring filter criteria that compare fields and values on:

- The current record (source)
- The lookup object (target)

- The user's record, permissions, and role
  - Records directly related to the target object
- Where do I access the Schema Builder?

- A. App Setup-->Develop-->Schema Builder
- B. App Setup-->Develop-->Tools-->Schema Builder
- C. App Setup-->Schema Builder
- C. App Setup-->Schema Builder

Which are types of custom tabs?  
(select all that apply)

- A. Apex Tabs
- B. S-Control Tabs
- C. Custom Object Tabs
- D. Web Tabs
- E. Visualforce Tabs
- C. Custom Object Tabs
- D. Web Tabs
- E. Visualforce Tabs

##EXPLAIN##  
True or False?

A field that is required or read only on a page layout can be accessed through the API (check again)  
True

Page layout settings such as required or read only have no bearing on the object level settings when using the API.  
True or False?

If a field is set to "universally required," users will be required to populate it when loading data through the API.  
True

Universally required fields are required both through the user interface and through the API

Which types of custom relationships that can be built on the Force.com platform?  
(select all that apply)

- A. Lookup
- B. Master-Detail
- C. Many-To-Many
- D. Self
- E. Many-To-One
- A. Lookup
- B. Master-Detail
- C. Many-To-Many
- D. Self

##EXPLAIN##

What is the relationship limit for cross object formulas?

- A. 5
- B. 10

- C. 25
- D. Unlimited
- B. 10

##EXPLAIN##  
True or False?

Merge fields for Accounts and Contacts are available in Task and Event formulas.  
False

You cannot bring account or contact fields into Tasks or Events.  
True or False?

You can reference cross-object formula fields in a roll-up summary.  
False

Only the detail records in the Master Detail Relationship can be referenced in roll-up summaries.  
Which function can use the process visualizer?

- A. Workflow processes
- B. Approval processes
- C. Action plans
- B. Approval processes

True or False?

You can reference cross-object formula fields that are calculated using dynamic variables (e.g. TODAY, NOW) (check again)  
False

##EXPLAIN##

What are the some of the ways to make a field required?  
(select all that apply) (check again)

- A. Make the field universally required
- B. Make the field required on the page layout
- C. Set Organization Wide Defaults to "require-all" for the field
- D. Use a validation rule
- E. None of these
- A. Make the field universally required
- B. Make the field required on the page layout
- D. Use a validation rule

##EXPLAIN##

Why would a developer use Test.startTest( ) and Test.stopTest( )?

- A. To avoid Apex code coverage requirements for the code between these lines
- B. To start and stop anonymous block execution when executing anonymous Apex code
- C. To indicate test code so that it does not Impact Apex line count governor limits.
- D. To create an additional set of governor limits during the execution of a single test class.
- D. To create an additional set of governor limits during the execution of a single test class.



What must the Controller for a Visualforce page utilize to override the Standard Opportunity view button?

- A. The StandardSetController to support related lists for pagination.
- B. the Opportunity StandardController for pre -built functionality.
- C. A callback constructor to reference the StandardController.
- D. A constructor that initializes a private Opportunity variable.
- B. the Opportunity StandardController for pre -built functionality.

A developer uses a before insert trigger on the Lead object to fetch the Territory\_\_c object, where the Territory\_\_c.PostalCode\_\_c matches the Lead.PostalCode. The code fails when the developer uses the Apex Data Loader to insert 10,000 Lead records. The developer has the following code block:

```
Line-01: for (Lead l : Trigger.new){  
Line-02: if (l.PostalCode != null) {  
Line-03: List<Territory__c> terrList = [SELECT Id FROM Territory__c WHERE  
PostalCode__c = :l.PostalCode];  
Line-04: if(terrList.size() > 0)  
Line-05: l.Territory__c = terrList[0].Id;  
Line-06: }  
Line-07: }
```

Which line of code is causing the code block to fail?

- A. Line-03: A SOQL query is located inside of the for loop code.
- B. Line-01: Trigger:new is not valid in a before insert Trigger.
- C. Line-02: A NullPointerException is thrown if PostalCode is null.
- D. Line-05: The Lead in a before insert trigger cannot be updated.
- A. Line-03: A SOQL query is located inside of the for loop code.

What would a developer do to update a picklist field on related Opportunity records when a modification to the associated Account record is detected?

- A. Create a process with Process Builder.
- B. Create a workflow rule with a field update.
- C. Create a Lightning Component.
- D. Create a Visualforce page.
- A. Create a process with Process Builder.

Which requirement needs to be implemented by using standard workflow instead of Process Builder?

Choose 2 answers (check again)

- A. Create activities at multiple intervals.
- B. Send an outbound message without Apex code.
- C. Copy an account address to its contacts.
- D. Submit a contract for approval.
- A. Create activities at multiple intervals.
- B. Send an outbound message without Apex code.

An org has different Apex Classes that provide Account -related functionality. After a new validation rule is added to the object, many of the test methods fail. What can be done to resolve the failures and reduce the number of code changes needed for future validation rules?

Choose 2 answers:

- A. Create a method that creates valid Account records, and call this method from within test methods.
- B. Create a method that loads valid Account records from a Static Resource, and call this method within test methods.
- C. Create a method that performs a callout for a valid Account record, and call this method from within test methods.
- D. Create a method that queries for valid Account records, and call this method from within test methods.

A. Create a method that creates valid Account records, and call this method from within test methods.

B. Create a method that loads valid Account records from a Static Resource, and call this method within test methods.

Which component is available to deploy using Metadata API?

Choose 2 answers

- A. Case Layout
- B. Account Layout
- C. Case Feed Layout
- D. Console Layout

A. Case Layout

B. Account Layout

In the code below, what type does Boolean inherit from?

```
Boolean b= true;
```

- A. Enum
- B. Object
- C. String
- D. Class

B. Object

What is the preferred way to reference web content such as images, style sheets, JavaScript, and other libraries that is used in Visualforce pages?

- A. By accessing the content from Chatter Files.
- B. By uploading the content in the Documents tab.
- C. By accessing the content from a third -party CON.
- D. By uploading the content as a Static Resource.

D. By uploading the content as a Static Resource.

A company has a custom object named Warehouse. Each Warehouse record has a distinct record owner, and is related to a parent Account in Salesforce.

Which kind of relationship would a developer use to relate the Account to the Warehouse?

- A. One -to -Many
- B. Lookup
- C. Master -Detail
- D. Parent -Child
- B. Lookup**

A developer creates a Workflow Rule declaratively that updates a field on an object. An Apex update trigger exists for that object. What happens when a user updates a record?

- A. No changes are made to the data.
- B. Both the Apex Trigger and Workflow Rule are fired only once.
- C. The Workflow Rule is fired more than once.
- D. The Apex Trigger is fired more than once.
- D. The Apex Trigger is fired more than once.**

What is true for a partial sandbox that is not true for a full sandbox?

Choose 2 answers:

- A. More frequent refreshes.
- B. Only Includes necessary metadata.
- C. Use of change sets.
- D. Limited to 5 GB of data.
- A. More frequent refreshes.**
- D. Limited to 5 GB of data.**

In which order does Salesforce execute events upon saving a record?

- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit
- B. Validation Rules; Before Triggers; After Triggers; Workflow Rules; Assignment Rules; Commit
- C. Before Triggers; Validation Rules; After Triggers; Workflow Rules; Assignment Rules; Commit
- D. Validation Rules; Before Triggers; After Triggers; Assignment Rules; Workflow Rules; Commit
- A. Before Triggers; Validation Rules; After Triggers; Assignment Rules; Workflow Rules; Commit**

When loading data into an organization, what can a developer do to match records to update existing records?

Choose 2 answers

- A. Match an external Id Text field to a column in the imported file.
- B. Match the Id field to a column in the Imported file.
- C. Match the Name field to a column in the imported file.
- D. Match an auto -generated Number field to a column in the imported file.
- A. Match an external Id Text field to a column in the imported file.**
- B. Match the Id field to a column in the Imported file.**

In an organization that has enabled multiple currencies, a developer needs to aggregate the sum of the Estimated\_value\_\_c currency field from the CampaignMember object using a roll-up summary field called Total\_estimated\_value\_\_c on Campaign.

How is the currency of the Total\_estimated\_value\_\_c roll-up summary field determined?

- A. The values in Campaignmember.Estimated\_value\_\_c are converted into the currency of the Campaign record and the sum is displayed using the currency on the Campaign record.
- B. The values in CampaignMember.Estimated\_value\_\_c are converted into the currency on the majority of the CampaignMember records and the sum is displayed using that currency.
- C. The values in CampaignMember.Estimated\_value\_\_c are summed up and the resulting Total\_estimated\_value\_\_c field is displayed as a numeric field on the Campaign record.
- D. The values In CampaignMember.Estimated\_value\_\_c are converted into the currency of the current user, and the sum is displayed using the currency on the Campaign record.

A. The values in Campaignmember.Estimated\_value\_\_c are converted into the currency of the Campaign record and the sum is displayed using the currency on the Campaign record.

A candidate may apply to multiple jobs at the company Universal Containers by submitting a single application per job posting, that application cannot be modified to be resubmitted to a different job posting.

What can the administrator do to associate an application with each job posting in the schema for the organization? (check again)

- A. Create a lookup relationship on both objects to a junction object called Job Posting Applications.
- B. Create a master-detail relationship in the Job Postings custom object to the Applications custom object.
- C. Create a master-detail relationship in the Application custom object to the Job Postings custom object.
- D. Create a lookup relationship in the Applications custom object to the Job Postings custom object.

C. Create a master-detail relationship in the Application custom object to the Job Postings custom object.

What is a characteristic of the Lightning Component Framework?  
Choose 2 answers: (check again)

- A. It has an event-driven architecture.
- B. It works with existing Visualforce pages.
- C. It includes responsive components.
- D. It uses XML as its data format.

A. It has an event-driven architecture.

C. It includes responsive components.

What is a capability of cross-object formula fields?  
Choose 3 answers

- A. Formula fields can reference fields from master-detail or lookup parent relationships.
- B. Formula fields can expose data the user does not have access to in a record.
- C. Formula fields can be used in three roll-up summaries per object.
- D. Formula fields can reference fields in a collect of records from a child relationship.
- E. Formula fields can reference fields from objects that are up to 10 relationships away.

A. Formula fields can reference fields from master-detail or lookup parent relationships.

B. Formula fields can expose data the user does not have access to in a record.

E. Formula fields can reference fields from objects that are up to 10 relationships away.

Ref:

[https://help.salesforce.com/HTViewHelpDoc?id=customize\\_cross\\_object.htm](https://help.salesforce.com/HTViewHelpDoc?id=customize_cross_object.htm)

A developer has a block of code that omits any statements that indicate whether the code block should execute with or without sharing.

What will automatically obey the organization-wide defaults and sharing settings for the user who executes the code in the Salesforce organization?

- A. Apex Triggers
- B. HTTP Callouts
- C. Apex Controllers
- D. Anonymous Blocks
- D. Anonymous Blocks

Ref: [https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_classes\\_keywords\\_sharing.htm](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_keywords_sharing.htm)

A developer created an Apex trigger using the Developer Console and now wants to debug code

How can the developer accomplish this in the Developer Console?

- A. Select the Override Log Triggers checkbox for the trigger
- B. Add the user name in the Log Inspector.
- C. Open the Progress tab in the Developer Console.
- D. Open the logs tab in the Developer Console.
- D. Open the logs tab in the Developer Console.

Which data structure is returned to a developer when performing a SOSL search?

- A. A list of lists of sObjects.
- B. A map of sObject types to a list of sObjects
- C. A map of sObject types to a list of lists of sObjects
- D. a list of sObjects.
- A. A list of lists of sObjects.

How can a developer avoid exceeding governor limits when using an Apex Trigger?  
choose 2 answers

- A. By using a helper class that can be invoked from multiple triggers.
- B. By using the Database class to handle DML transactions.
- C. By using Maps to hold data from query results.
- D. By performing DML transactions on lists of SObjects.
- C. By using Maps to hold data from query results.
- D. By performing DML transactions on lists of SObjects.

What is a correct pattern to follow when programming in Apex on a Multi-tenant platform?

- A. Apex code is created in a separate environment from schema to reduce deployment errors.
- B. DML is performed on one record at a time to avoid possible data concurrency issues.
- C. Queries select the fewest fields and records possible to avoid exceeding governor limits.
- D. Apex classes use the "with sharing" keyword to prevent access from other server tenants.
- C. Queries select the fewest fields and records possible to avoid exceeding governor limits.**

What should a developer working in a sandbox use to exercise a new test Class before the developer deploys that test production?  
Choose 2 answers

- A. The REST API and ApexTestRun method
- B. The Apex Test Execution page in Salesforce Setup.
- C. The Test menu in the Developer Console.
- D. The Run Tests page in Salesforce Setup.
- B. The Apex Test Execution page in Salesforce Setup.**
- C. The Test menu in the Developer Console.**

A company that uses a Custom object to track candidates would like to send candidate information automatically to a third -party human resource system when a candidate is hired.

What can a developer do to accomplish this task?

- A. Create an escalation rule to the hiring manager.
- B. Create an auto response rule to the candidate.
- C. Create a Process Builder with an outbound message action.
- D. Create a workflow rule with an outbound message action.
- D. Create a workflow rule with an outbound message action.**

A developer is creating an application to track engines and their parts. An individual part can be used in different types of engines.

What data model should be used to track the data and to prevent orphan records.  
(check again)

- A. Create a junction object to relate many engines to many parts though a master - detail relationship.
- B. Create a master -detail relationship to represent the one -to -many model of engines to parts
- C. Create a lookup relationship to represent how each part relates to the parent engine object.
- D. Create a junction object to relate many engines to many parts through a lookup relationship.
- A. Create a junction object to relate many engines to many parts though a master - detail relationship.**

What is the accurate statement about with sharing keyword?  
choose 2 answers

- A) Inner class do not inherit the sharing setting from the container class
- B) Both inner and outer class can be declared as with sharing

- C) Either inner class or outer classes can be declared as with sharing but not both
- D) Inner class inherit the sharing setting from the container class
- A) Inner class do not inherit the sharing setting from the container class
- B) Both inner and outer class can be declared as with sharing

How can a developer refer to, or instantiate a PageReference in Apex?  
Choose 2 answers

- A. By using a PageReference with a partial or full URL.
- B. By using the Page object and a Visualforce page name.
- C. By using the ApexPages.Page() method with a Visualforce page name.
- D. By using the PageReference.Page() method with a partial or full URL.
- A. By using a PageReference with a partial or full URL.
- B. By using the Page object and a Visualforce page name.

Which standard field needs to be populated when a developer inserts new Contact records programmatically?

- A. AccountId
- B. Name
- C. LastName
- D. FirstName
- C. LastName

A developer creates a new Visualforce page and Apex extension, and writes test classes that exercise 95% coverage of the new Apex extension.  
Change set deployment to production fails with the test coverage warning: "Average test coverage across all Apex classes and triggers is 74%, at least 75% test coverage is required."

What can the developer do to successfully deploy the new Visualforce page and extension?

- A. Create test classes to exercise the Visualforce page markup.
- B. Select "Disable Parallel Apex Testing" to run all the tests.
- C. Add test methods to existing test classes from previous deployments.
- D. Select "Fast Deployment" to bypass running all the tests.
- C. Add test methods to existing test classes from previous deployments.

What is the minimum log level needed to see user generated debug statements?

- A. DEBUG
- B. FINE
- C. INFO
- D. WARN
- A. DEBUG

Developer needs to automatically populate the ReportsTo field in a Contact record based on the values of the related Account and Department fields in the Contact record.

Which type of trigger would the developer create?

Choose 2 answers

- A. before update
- B. after insert
- C. before insert
- D. after update



- A. before update
- C. before insert

To which primitive data type in Apex is a currency field atomically assigned?

- A. Integer
- B. Decimal
- C. Double
- D. Currency
- B. Decimal

Ref: [https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/langCon\\_apex\\_primitives.htm](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/langCon_apex_primitives.htm)

Which resource can be included in a Lightning Component bundle?

Choose 2 answers

- A. Apex class
- B. Adobe Flash
- C. JavaScript
- D. Documentation
- C. JavaScript
- D. Documentation

Ref: [https://developer.salesforce.com/docs/atlas.en-us.lightning.meta/lightning/components\\_bundle.htm](https://developer.salesforce.com/docs/atlas.en-us.lightning.meta/lightning/components_bundle.htm)

A custom exception "RecordNotFoundException" is defined by the following code of block:

```
public class RecordNotFoundException extends Exception()
```

which statement can a developer use to throw a custom exception?

choose 2 answers

- A. throw new RecordNotFoundException("problem occurred");
- B. throw new RecordNotFoundException();
- C. throw RecordNotFoundException("problem occurred");
- D. throw RecordNotFoundException();
- A. throw new RecordNotFoundException("problem occurred");
- B. throw new RecordNotFoundException();

When creating unit tests in Apex, which statement is accurate? (check again)

- A. Unit tests with multiple methods result in all methods failing every time one method fails.
- B. Increased test coverage requires large test classes with many lines of code in one method.
- C. Triggers do not require any unit tests in order to deploy them from sandbox to production.
- D. System Assert statements that do not Increase code coverage contribute important feedback in unit tests
- D. System Assert statements that do not Increase code coverage contribute important feedback in unit tests

```
public class customController {  
    public string cString { get; set;}
```



```
public string getStringMethod1(){
return cString;
}
```

```
public string getStringMethod2(){
if(cString == null)
cString = 'Method2';
return cString;
}
}
```

```
<apex:page controller="customController">
{!cString}, {!StringMethod1}, {!StringMethod2}, {!cString}
</apex:page>
```

What does the user see when accessing the custom page?

- A. getMyString,
- B. , , Method2,
- C. Method2, getMyString
- D. getMyString,, Method2, getMyString
- B. , , Method2,**

What is a valid Apex statement?

- A. Map conMap = (SELECT Name FROM Contact);
- B. Account[] acctList = new List<Account>{new Account()}}
- C. Integer w, x, y = 123, z = 'abc',
- D private static constant Double rate = 775;
- B. Account[] acctList = new List<Account>{new Account()}}**

A developer has a single custom controller class that works with a Visualforce Wizard to support creating and editing multiple sObjects. The wizard accepts data from user inputs across multiple Visualforce pages and from a parameter on the initial URL

Which statement is unnecessary inside the unit test for the custom controller?

- A. public ExtendedController (ApexPages.StandardController cntrl) { }
- B. ApexPages.currentPage().getParameters().put('input', 'TestValue')
- C. Test.setCurrentPage(pageRef),
- D. String nextPage = controller.save().getUrl();
- D. String nextPage = controller.save().getUrl();**

A developer wants to display all of the available record types for a Case object. The developer also wants to display the picklist values for the Case.Status field. The Case object and the Case Status field are on a custom visualforce page. Which action can the developer perform to get the record types and picklist values in the controller?

Choose 2 answers

- A. Use Schema.PicklistEntry returned by Case Status  
getDescribe().getPicklistValues().
- B. Use Schema.RecordTypeInfo returned by Case.SObjectType  
getDescribe().getRecordTypeInfo()
- C. Use SOQL to query Case records in the org to get all the RecordType values available for Case.

D. Use SOQL to query Case records in the org to get all value for the Status picklist field.

A. Use Schema.PicklistEntry returned by Case Status

getDescribe().getPicklistValues().

B. Use Schema.RecordTypeInfo returned by

Case.SObjectType.getDescribe().getRecordTypeInfos()

Ref:

[https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_class\\_Schema\\_RecordTypeInfo.htm#apex\\_class\\_Schema\\_RecordTypeInfo](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_class_Schema_RecordTypeInfo.htm#apex_class_Schema_RecordTypeInfo)

[https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_class\\_Schema\\_PicklistEntry.htm%23apex\\_class\\_Schema\\_PicklistEntry](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_class_Schema_PicklistEntry.htm%23apex_class_Schema_PicklistEntry)

An sObject named Application\_c has a lookup relationship to another sObject named Position\_c. Both Application\_c and Position\_c have a picklist field named Status\_c. When the Status\_c field on Position\_c is updated, the Status\_c field on Application\_c needs to be populated automatically with the same value, and execute a workflow rule on Application\_c.

How can a developer accomplish this?

A. By changing Application\_c.Status\_c into a roll -up summary field.

B. By changing Application\_c.Status\_c into a formula field.

C. By using an Apex trigger with a DML operation.

D. By configuring a cross-object field update with a workflow.

B. By changing Application\_c.Status\_c into a formula field.

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created?

When will the email be sent?

A. Before Trigger execution

B. After Committing to database.

C. Before Committing to database

D. After Trigger execution.

B. After Committing to database.

Which code represents the Controller in MVC architecture on the Force.com platform.

Choose 2 answers (check again)

A. JavaScript that is used to make a menu item display itself.

B. StandardController system methods that are referenced by Visualforce.

C. Custom Apex and JavaScript code that is used to manipulate data.

D. A static resource that contains CSS and Images.

B. StandardController system methods that are referenced by Visualforce.

C. Custom Apex and JavaScript code that is used to manipulate data.

A developer needs to provide a Visualforce page that lets users enter Product specific details during a Sales cycle.

How can this be accomplished?

Choose 2 answers

provide Product data entry.

- A. Download a Managed Package from the AppExchange that provides a custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry.
- C. Copy the standard page and then make a Visualforce page for product data entry.
- D. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify.
- B. Create a new Visualforce page and an Apex controller to provide Product data entry.**
- D. Download an Unmanaged Package from the AppExchange that provides a custom Visualforce page to modify.**

A developer writes a before insert trigger.

How can the developer access the incoming records in the trigger body?

- A. By accessing the Trigger.new context variable.
- B. By accessing the Trigger.newRecords context variable.
- C. By accessing the Trigger.newMap context variable.
- D. By accessing the Trigger.newList context variable.
- A. By accessing the Trigger.new context variable.**

A developer in a Salesforce org with 100 Accounts executes the following code using the Developer console:

```
Account myAccount = new Account(Name = 'MyAccount');
Insert myAccount;
For (Integer x = 0; x < 250; x++)
Account newAccount = new Account (Name='MyAccount' + x);
try {
Insert newAccount;
}
catch (Exception ex) {
System.debug (ex) ;
}
insert new Account (Name='myAccount');
```

How many accounts are in the org after this code is run?

- A. 101
- B. 100
- C. 102
- D. 252
- B. 100**

The Review\_c object have a lookup relationship to the job\_Application\_c object. The job\_Application\_c object has a master detail relationship up to the position\_c object. The relationship is based on the auto populated defaults?

What is the recommended way to display field data from the related Review \_C records in a Visualforce page for a single Position\_c record?

Select one of the following:

- A. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Job\_Application\_c object to display Review\_c data.

B. Utilize the Standard Controller for Position\_c and a Controller Extension to query for Review\_c data.

C. Utilize the Standard Controller for Position\_c and expression syntax in the Page to display related Review\_c through the Job\_Application\_c inject.

D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

D. Utilize the Standard Controller for Position\_c and cross-object Formula Fields on the Review\_c object to display Review\_c data.

What is a capability of the Force.com IDE?

Choose 2 answers

A. Roll back deployments.

B. Run Apex tests.

C. Download debug logs.

D. Edit metadata components.

B. Run Apex tests.

D. Edit metadata components.

Ref: [https://developer.salesforce.com/page/Force.com\\_IDE](https://developer.salesforce.com/page/Force.com_IDE)

Which code segment can be used to control when the dowork() method is called?

A. for (Trigger.isRunning t: Trigger.new)

```
{  
  dowork();  
}
```

B. if(Trigger.isRunning)

```
dowork();
```

C. for (Trigger.isInsert t: Trigger.new)

```
{  
  dowork();  
}
```

D. if(Trigger.isInsert)

```
dowork();
```

D. if(Trigger.isInsert)

```
dowork();
```

When would a developer use a custom controller instead of a controller extension?

Choose 2 answers:

A. When a Visualforce page needs to replace the functionality of a standard controller.

B. When a Visualforce page does not reference a single primary object.

C. When a Visualforce page should not enforce permissions or field-level security.

D. When a Visualforce page needs to add new actions to a standard controller.

A. When a Visualforce page needs to replace the functionality of a standard controller.

C. When a Visualforce page should not enforce permissions or field-level security.

What is a valid statement about Apex classes and interfaces?

Choose 2 answers: (check again)

A. The default modifier for a class is private.

B. Exception classes must end with the word exception.

C. A class can have multiple levels of inner classes.

D. The default modifier for an interface is private.

- A. The default modifier for a class is private.
- B. Exception classes must end with the word exception.

Ref: [https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_classes\\_java\\_diffs.htm](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_java_diffs.htm)

A developer has the following trigger that fires after insert and creates a child Case whenever a new Case is created.

```
List<Case> childCases = new List<Case>();
for (Case parent : Trigger.new){
    Case child = new Case(ParentId = parent.Id, Subject = parent.Subject);
    childCases.add(child);
}
insert childCases;
```

What happens after the code block executes?

- A. Multiple child cases are created for each parent case in Trigger.new.
- B. child case is created for each parent case in Trigger.new.
- C. The trigger enters an infinite loop and eventually fails.
- D. The trigger fails if the Subject field on the parent is blank.
- C. The trigger enters an infinite loop and eventually fails.

##EXPLAIN##

A Developer wants to create a custom object to track Customer Invoices.

How should Invoices and Accounts be related to ensure that all Invoices are visible to everyone with access to Account? (check again)

- A. The Account should have a Lookup relationship to the Invoice.
- B. The Invoice should have a Master -Detail relationship to the Account.
- C. The Account should have a Master -Detail relationship to the Invoice.
- D. The Invoice should have a Lookup relationship to the Account.
- B. The Invoice should have a Master -Detail relationship to the Account.

Reasons:

It has to be master detail relationship to ensure that all child records are visible to everyone with access to Master(Account)

The Invoice should have a Master -Detail relationship to the Account ie. Account has to be master NOT the invoice

What is a valid source and destination pair that can send or receive change sets?

Choose 2 answers:

- A. Sandbox to production.
- B. Developer edition to sandbox.
- C. Developer edition to production.
- D. Sandbox to sandbox.
- A. Sandbox to production.
- D. Sandbox to sandbox.

A developer needs to create records for the object Property\_\_c .The developer creates the following code block:

```
01 List<Property__c> propertiesToCreate =helperClass.CreateProperties();
02 try {
03
04 } catch (Exception exp) {
05 //Exception handling
```

06 }

Which line of code would the developer insert at line 03 to ensure that at least some records are created, even if a record have errors and fails to be created?

- A. Database.insert(propertiesToCreate, System.ALLOW\_PARTIAL);
- B. insert propertiesToCreate,
- C. Database.insert(propertiesToCreate, false);
- D. Database.insert(propertiesToCreate)
- C. Database.insert(propertiesToCreate, false);**

When the number of record in a recordset is unknown, which control statement should a developer use to implement a set of code that executes for every record in the recordset, without performing a .size() or .length() method call?

- A. For (init\_stmt, exit\_condition; increment\_stmt) { }
- B. Do { } While (Condition)
- C. For (variable : list\_or\_set) { }
- D. While (Condition) { ... }
- C. For (variable : list\_or\_set) { }**

What is the result when a Visualforce page calls an Apex controller, which calls another Apex class, which then results in hitting a governor limit?

- A. Any changes up to the error are saved.
- B. Any changes up to the error are rolled back.
- C. All changes before a savepoint are saved.
- D. All changes are saved in the first Apex class.
- B. Any changes up to the error are rolled back.**

A developer has the following code block:

```
public class PaymentTax {  
    public static decimal SalesTax = 0.0875;  
}
```

```
trigger OpportunityLineItemTrigger on OpportunityLineItem (before insert, before  
update) {  
    PaymentTax PayTax = new PaymentTax();  
    decimal ProductTax = ProductCost * XXXXXXXXXXXX;  
}
```

To calculate the productTax, which code segment would a developer insert at the XXXXXXXXXXXX to make the value the class variable SalesTax accessible within the trigger?

- A. SalesTax
- B. PayTax.SalesTax
- C. PaymentTax.SalesTax
- D. OpportunityLineItemTngger.SalesTax
- C. PaymentTax.SalesTax**

because SalesTax is static variable. If it wasn't static it would have been PayTax.SalesTax. (reference of type PamentTax)

On a Visualforce page with a custom controller, how should a developer retrieve a record by using an ID that is passed on the URL?

- A. Use the constructor method for the controller.
- B. Use the `$Action.View` method in the Visualforce page.
- C. Create a new `PageReference` object with the Id.
- D. Use the `<apex:detail>` tag in the Visualforce page.
- A. Use the constructor method for the controller.

A developer wrote a workflow email alert on case creation so that an email is sent to the case owner manager when a case is created.

When will the email be sent?

- A. After Committing to database.
- B. Before Committing to database.
- C. Before Trigger execution.
- D. After Trigger execution.
- A. After Committing to database.

A developer creates an Apex helper class to handle complex trigger logic. How can the helper class warn users when the trigger exceeds DML governor limits?

A. By using `ApexMessage.Message()` to display an error message after the number of DML statements is exceeded

- B. By using `Messaging.SendEmail()` to continue the transaction and send an alert to the user after the number of DML statements is exceeded
- C. By using `PageReference.setRedirect()` to redirect the user to a custom Visualforce page before the number of DML statements is exceeded.
- D. By using `Limits.getDMLRows()` and then displaying an error message before the number of DML statements exceeded.

D. By using `Limits.getDMLRows()` and then displaying an error message before the number of DML statements exceeded.

Which user can edit a record after it has been locked for approval?

Choose 2 answers

- A. An administrator.
- B. Any user who approved the record previously.
- C. A user who is assigned as the current approver.
- D. Any user- with a higher role in the hierarchy.
- A. An administrator.
- C. A user who is assigned as the current approver.

Which type of information is provided by the Checkpoints tab in the Developer Console?

Choose 2 answers (check again)

- A. Exception
- B. Debug Statement



C. Namespace

D. Time

C. Namespace

D. Time

Ref:

[https://help.salesforce.com/apex/HTViewHelpDoc?id=code\\_dev\\_console\\_tab\\_checkpoints.htm&language=en\\_US](https://help.salesforce.com/apex/HTViewHelpDoc?id=code_dev_console_tab_checkpoints.htm&language=en_US)

What is the proper process for an Apex Unit Test?

A. Query for test data using SeeAllData=true. Call the method being tested. Verify that the results are correct

B. Create data for testing. Execute runAllTests(). Verify that the results are correct.

C. Create data for testing. Call the method being tested. Verify that the results are correct.

D. Query for test data using SeeAllData=true. Execute runAllTests(). Verify that the results are correct.

C. Create data for testing. Call the method being tested. Verify that the results are correct.

Which declarative method helps ensure quality data?

Choose 3 answers

A. Exception handling

B. Workflow alerts

C. Validation rules

D. Lookup filters

E. Page layouts

C. Validation rules

D. Lookup filters

E. Page layouts

What is an accurate constructor for a custom controller named "MyController"?

A. 

```
public MyController() {  
    account = new Account();  
}
```

B. 

```
public MyController(SObject obj) {  
    account = (Account) obj;  
}
```

C. 

```
public MyController(List<SObject> objects) {  
    accounts = (List<Account>)objects;  
}
```

D. 

```
public MyController(ApexPages.StandardController stdController) {  
    account = (Account)stdController.getRecord();  
}
```

A. 

```
public MyController() {  
    account = new Account();  
}
```

What is a good practice for a developer to follow when writing a trigger?

Choose 2 answers

A. using the Map data structure to hold query results by ID.

B. Using @future methods to perform DML operations.



- C. Using the set data structure to ensure distinct records.
- D. Using synchronous callouts to call external systems
- A. using the Map data structure to hold query results by ID.
- C. Using the set data structure to ensure distinct records.

Which code block returns the ListView of an Account object using the following debug statement?

system.debug (controller. getListViewOptions ( ) ) ; (check again)

- A. ApexPages.StandardSetController controller = new ApexPages.StandardSetController([SELECT Id FROM Account LIMIT 1]);
- B. ApexPages.StandardController controller = new ApexPages.StandardController(Database.getQueryLocator('select Id from Account Limit 1');
- C. ApexPages.StandardController controller = new ApexPages.StandardController ( [SELECT Id FROM Account LIMIT 1]);
- D. ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.getQueryLocator('select Id from Account Limit 1');
- D. ApexPages.StandardSetController controller = new ApexPages.StandardSetController(Database.getQueryLocator('select Id from Account Limit 1');

Which data type or collection of data types can SOQL statements populate or evaluate to? (check again)

Choose 3 answers

- A. A Boolean
- B. An integer
- C. A list of sObjects
- D. A single sObject
- E. A string
- B. An integer
- C. A list of sObjects
- D. A single sObject

Which action can a developer perform in a before update trigger?

Choose 2 answers (check again)

- A. Update the original object using an update DML operation.
- B. Delete the original object using a delete DML operation.
- C. Change field values using the Trigger.new context variable.
- D. Display a custom error message in the application interface.
- C. Change field values using the Trigger.new context variable.
- D. Display a custom error message in the application interface.

Where can debug log filter settings be set?

Choose 2 answers (check again)

- A. The Filters link by the monitored user's name within the web UI.
- B. The Show More link on the debug log's record.
- C. On the monitored user's name.
- D. The Log Filters tab on a class or trigger detail page.
- B. The Show More link on the debug log's record.
- D. The Log Filters tab on a class or trigger detail page.

What is the value of x after the code segment executes?

String x = 'A';

```
Integer i = 10;
if(i < 15 ){
i = 15;
x = 'B';
else if (i < 20 ){
x = 'C';
}
else {
x = 'D';
}
```

- A. B
- B. C
- C. D
- D. A
- A. B**

When can a developer use a custom Visualforce page in a Force.com application?  
Choose 2 answers (check again)

- A. To create components for dashboards and layouts.
- B. To deploy components between two organizations.
- C. To generate a PDF document with application data.
- D. To modify the page layout settings for a custom object.
- A. To create components for dashboards and layouts.**
- C. To generate a PDF document with application data.**

Which statement about the Lookup Relationship between a Custom Object and a Standard Object is correct?

- A. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object.
- B. The Lookup Relationship cannot be marked as required on the page layout for the Custom Object.
- C. The Custom Object will be deleted when the referenced Standard Object is deleted.
- D. The Custom Object inherits security from the referenced Standard Objects
- A. The Lookup Relationship on the Custom Object can prevent the deletion of the Standard Object.**

A reviewer is required to enter a reason in the comments field only when a candidate is recommended to be hired.

Which action can a developer take to enforce this requirement?

- A. Create a required comments field.
- B. Create a formula field.
- C. Create a validation rule.
- D. Create a required Visualforce component.
- C. Create a validation rule.**

The Sales Management team hires a new intern. The intern is not allowed to view Opportunities, but needs to see the Most Recent Closed Date of all child Opportunities when viewing an Account record.

What would a developer do to meet this requirement?

- A. Create a Workflow Rule on the Opportunity object that updates a field on the parent Account.
- B. Create a formula field on the Account object that performs a MAX on the

Opportunity Close Date field.

C. Create a roll-up summary field on the Account object that performs a MAX on the Opportunity Close Date field

D. Create a trigger on the Account object that queries the Close Date of the most recent Opportunities.

**C. Create a roll-up summary field on the Account object that performs a MAX on the Opportunity Close Date field.**

On which object can an administrator create a roll-up summary field?

A. Any object that is on the master side of a master-detail relationship.

B. Any object that is on the parent side of a lookup relationship.

C. Any object that is on the detail side of a master-detail relationship.

D. Any object that is on the child side of a lookup relationship.

**A. Any object that is on the master side of a master-detail relationship.**

A Visualforce page has a standard controller for an object that has a lookup relationship to a parent object.

How can a developer display data from the parent record on the page? (check again)

A. By using SOQL on the Visualforce page to query for data from the parent record.

B. By using merge field syntax to retrieve data from the parent record.

C. By adding a second standard controller to the page for the parent record.

D. By using a roll-up formula field on the child record to include data from the parent record.

**B. By using merge field syntax to retrieve data from the parent record.**

A developer needs to create a Visualforce page that will override standard Account edit button. The page will be used to validate the account's address using a SOQL query. The page will also allow the user to make edits to the address.

Where would the developer write the Account address verification logic? (check again)

A. In a Controller Extension.

B. In a Custom Controller.

C. In a Standard Controller.

D. In a Standard Extension.

**A. In a Controller Extension.**

A developer wants to list all of the Tasks for each Account on the Account detail page. When a Task is created for a Contact what does the developer need to do to display the Task on the related Account record? (check again)

A. Create an Account formula field that displays the Task information.

B. Nothing. The Task is automatically displayed on the Account page.

C. Create a Workflow Rule to relate the Task to the Contact's Account.

D. Nothing. The Task cannot be related to an Account and a Contact.

**B. Nothing. The Task is automatically displayed on the Account page.**

What is a capability of a StandardSetController?

Choose 2 answers

A. It extends the functionality of a standard or custom controller

B. It allows pages to perform mass updates of records.

C. It allows pages to perform pagination with large record sets.

D. It enforces field -level security when reading large record sets.

**B. It allows pages to perform mass updates of records.**

**C. It allows pages to perform pagination with large record sets.**

Ref: [https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_pages\\_standardsetcontroller.htm](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_pages_standardsetcontroller.htm)  
A developer has the following code.

```
try
{
List<String> nameList;
Account a;
String s = a.Name;
nameList.add(s);
}
catch (ListException le)
{
System.debug('List Exception');
}
catch (NullPointerException npe)
{
System.debug('NullPointerException');
}
catch (Exception e)
{
System.debug('Generic Exception');
}
```

What message would be logged?

- A. No message is logged
- B. Generic Exception
- C. List Exception
- D. NullPointerException
- D. NullPointerException**

Which statement about change set deployments is accurate?  
Choose 3 answers

- A. They can be used only between related organizations.
- B. They require a deployment connection.
- C. They use an all or none deployment model.
- D They can be used to transfer Contact records.
- E. They can be used to deploy custom settings data.
- A. They can be used only between related organizations.**
- B. They require a deployment connection.**
- C. They use an all or none deployment model.**

Ref:

[https://help.salesforce.com/apex/HTViewHelpDoc?id=changesets\\_implementation\\_notes.htm&language=en\\_US](https://help.salesforce.com/apex/HTViewHelpDoc?id=changesets_implementation_notes.htm&language=en_US)

How would a developer use Schema Builder to delete a custom field from the Account object that was required for prototyping but is no longer needed?

- A. Remove all the references In the code and then the field will be removed from Schema Builder.
- B. Remove all references from the code and then delete the custom field from Schema Builder.
- C. Mark the field for deletion in Schema Builder and then delete it from the declarative UI.
- D. Delete the field from Schema Builder and then all references in the code will be removed.

B. Remove all references from the code and then delete the custom field from Schema Builder.

What is an accurate statement about variable scope?

Choose 3 answers (check again)

- A. Sub -blocks cannot reuse a parent block's variable name.
  - B. A variable can be defined at any point in a block.
  - C. Parallel blocks can use the same variable name.
  - D. Sub -blocks can reuse a parent block's variable name if its value is null.
  - E. A static variable can restrict the scope to the current block if its value is null.
- A. Sub -blocks cannot reuse a parent block's variable name
- B. A variable can be defined at any point in a block.
- C. Parallel blocks can use the same variable name.

When the value of a field in an account record is updated, which method will update the value of custom field in related opportunities?

Choose 2 answers

- A. An Apex trigger on the Account object.
  - B. A Process Builder on the Account object.
  - C. A cross-object formula field on the Account object.
  - D. A Workflow Rule on the Account object.
- A. An Apex trigger on the Account object.
- B. A Process Builder on the Account object.

A developer creates an Apex class that includes private methods.

What can the developer do to ensure that the private methods can be accessed by the test class?

- A. Add the TestVisible attribute to the Apex class.
  - B. Add the SeeAllData attribute to the test methods.
  - C. Add the SeeAllData attribute to the test class.
  - D. Add the TestVisible attribute to the Apex methods.
- D. Add the TestVisible attribute to the Apex methods.

Which scenario is invalid for execution by unit tests. (check again)

- A. Executing methods for negative test scenario.
  - B. Executing methods as different users.
  - C. Loading test data in place of user input for Flows.
  - D. Load the standard Pricebook ID using a system method.
- C. Loading test data in place of user input for Flows.

A developer runs the following anonymous code block:

```
List<Account> acc = [SELECT Id FROM Account LIMIT 10];
```

```
Delete acc;
```

```
Database.emptyRecycleBin(acc);
```

```
system.debug(Limits.getDMLStatements()+ 1, 1 +Limits.getLimitDMLStatements());
```

What is the result?

- A. 11, 150
  - B. 150, 2
  - C. 150, 11
  - D. 2, 150
- D. 2, 150

Where can custom roll-up summary fields be created using Standard Object relationships?

Choose 3 answers

- A. On Account using Case records.
- B. On Account using Opportunity records.
- C. On Opportunity using Opportunity Product records.
- D. On Quote using Order records.
- E. On Campaign using Campaign Member records.
- B. On Account using Opportunity records.**
- C. On Opportunity using Opportunity Product records.**
- E. On Campaign using Campaign Member records.**

A developer has following query

```
Contact c = [SELECT Id, FirstName, LastName, Email FROM Contact WHERE LastName = 'Smith'];
```

What does the query return if there is no Contact with the last name "Smith"?

- A. A Contact with empty values.
- B. A Contact initialized to null.
- C. An empty List of Contacts.
- D. An error that no rows are found.
- D. An error that no rows are found.**

What is an important consideration when in a multi-tenant environment?

- A. Polyglot persistence provides support for a global, multilingual user base in multiple orgs on multiple instances
- B. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance
- C. Unique domain names takes the place of namespace for code developed for multiple orgs for multiple instances
- D. Org-wide data security determines whether other tenants can see data in multiple orgs on the same inst
- B. Governor limits prevent tenants from impacting performance in multiple orgs on the same instance**

In the Lightning Component framework, which resource can be used to fire events?

Choose 2 answers

- A. Visualforce controller options
- B. Third-party web service code
- C. Third-party Javascript code
- D. Javascript controller actions
- C. Third-party Javascript code**
- D. Javascript controller actions**

What is the capability of formula fields?

Choose 3 answers (check again)

- A. Display the previous value for the field using the PRIORVALUE function.
- B. Return and display a field value from another object using a VLOOKUP function.
- C. Determine which of three different images to display using IF function.
- D. Generate the link using the HYPERLINK function using a specific record in a legacy system.
- E. Determine if a datetime field has passed using the NOW function.
- C. Determine which of three different images to display using IF function.**
- D. Generate the link using the HYPERLINK function using a specific record in a**



legacy system.

E. Determine if a datetime field has passed using the NOW function.

Ref:

[https://developer.salesforce.com/trailhead/en/point\\_click\\_business\\_logic/formula\\_fields](https://developer.salesforce.com/trailhead/en/point_click_business_logic/formula_fields)

VLOOKUP only available in validation rules

In a single record, a user selects multiple values from a multi-select picklist.

How are the selected values represented in Apex?

- A. As a String with each value separated by a comma.
- B. As a List<String> with each value as a element in the list.
- C. As a String with each value separated by semi colon.
- D. As a Set<String> with each value as a element in the set.
- C. As a String with each value separated by semi colon.**

A Hierarchy Custom Setting stores a specific URL for each profile in Salesforce. Which statement can a developer use to retrieve the correct URL for the current user's profile and display this Visualforce Page?

- A. `{!$Setup.Url_Settings_c.Instance[Profile.Id].URL__c}`
- B. `{!$Setup.Url_Settings_c.URL__c}`
- C. `{!$Setup.Url_Settings_c[Profile.Id,URL__c]}`
- D. `{!$Setup.Url_Settings_c[$Profile.Id,URL__c]}`
- B. `{!$Setup.Url_Settings_c.URL__c}`**

A developer writes a SOQL query to find child records for a specific parent  
How many specific levels can be returned in a single query?

- A.3
- B.5
- C.1
- D.7
- C.1**

A developer needs to know if all tests currently pass in salesforce environment  
Which feature can the developer use?  
Choose 2 answers (check again)

- A. Developer Console.
- B. ANT Migration Tool
- C. Salesforce UI Apex Test Execution
- D. Workbench Metadata Retrieval
- A. Developer Console.**
- C. Salesforce UI Apex Test Execution**

Which statement should a developer avoid using inside procedural loops?  
Choose 2 answers

- A. `System.debug('Amount of CPU time (in ms) used so far: ' + Limits.getCpuTime());`
- B. `update contactList;`
- C. `List<Contact> contacts = [select id, salutation, firstname, lastname, email from Contact where account =a.id;`
- D. `if(o.accountid== aid)`
- B. `update contactList;`**
- C. `List<Contact> contacts = [select id, salutation, firstname, lastname, email from Contact where account =a.id;`**

which statement would a developer use when creating test data for products and pricebooks? (check again)

- A. List objList = Test.loadData(Account.sObjectType,'myResource');
- B. Pricebook pb= new Pricebook();
- C. Id pricebookId=Test.getStandardPricebookId();
- D. IsTest(SeeAllData=false);
- C. Id pricebookId=Test.getStandardPricebookId();**

How can a developer determine from the DescribeSObjectResult if the current user will be able to create record an object in apex?

- A. By using the hasAccess() Method.
- B. By using the isCreatable() method.
- C. By using the isInsertable() method.
- D. By using the canCreate() method.
- B. By using the isCreatable() method.**

[https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex\\_methods\\_system\\_sobject\\_describe.htm](https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_methods_system_sobject_describe.htm)

The sales management team requires that the Lead Source field of the Lead record

be populated when a Lead is converted.

What would a developer use to ensure that a user populates the Lead Source field prior to converting a Lead? (check again)

- A. Process builder
- B. Validation rule
- C. Formula field
- D. Workflow rule
- B. Validation rule**

A developer created an Apex trigger using the Developer Console and now wants to debug code.

How can the developer accomplish this in the Developer Console?

- A. Open the Logs tab in the Developer Console.
- B. Select the Override Log Triggers checkbox for the trigger.
- C. Add the user name in the Log Inspector.
- D. Open the Progress tab in the Developer Console.
- A. Open the Logs tab in the Developer Console.**

What are the supported content sources for custom buttons and links?  
(Choose 2 Answers) (check again)

- A. VisualForce Page.
- B. Static Resource.
- C. URL.
- D. Chatter File.
- E. Lightning Page.
- A. VisualForce Page.**
- C. URL.**

What actions types should be configured to display a custom success message?

- A. Update a record.
- B. Post a feed item.



- C. Delete a record.
- D. Close a case.
- A. Update a record.

When creating a record with a Quick Action, what is the easiest way to post a feed item?  
(check again)

- A. By selecting create case feed on the quick action.
- B. By adding a trigger on the new record.
- C. By adding a workflow rule on the new record.
- D. By selecting create case feed on the new record.
- A. By selecting create case feed on the quick action.

What is the easiest way to verify a user before showing them sensitive content?

- A. Sending the user a SMS message with a passcode.
- B. Calling the generateVerificationUrl method in apex.
- C. Sending the user an Email message with a passcode.
- D. Calling the Session.forcedLoginUrl method in apex.
- B. Calling the generateVerificationUrl method in apex.

What features are available when writing apex test classes?  
(Choose 2 Answers)

- A. The ability to select error types to ignore in the developer console.
- B. The ability to write assertions to test after a @future method.
- C. The ability to set and modify the CreatedDate field in apex tests.
- D. The ability to set breakpoints to freeze the execution at a given point.
- E. The ability to select testing data using csv files stored in the system.
- C. The ability to set and modify the CreatedDate field in apex tests.
- E. The ability to select testing data using csv files stored in the system.

```
public class myController {
    public string myString;

    public string getMyString(){
        return 'getMyString';
    }

    public string getStringMethod1(){
        return myString;
    }

    public string getStringMethod2(){
        if(myString == null)
            myString = 'Method2';
        return myString;
    }
}

<apex:page controller="myController">
    {!MyString}, {!StringMethod1}, {!StringMethod2}, {!MyString}
</apex:page>
```

What does the user see when accessing the custom page?

- A. getMyString,
- B. , , Method2,
- C.Method2, getMyString
- D. getMyString,, Method2, getMyString
- D. getMyString,, Method2, getMyString**

A developer needs to ensure there is sufficient test coverage for an Apex Method that interacts with Accounts. The developer needs to create test data.

What is the preferred way to load this test data into Salesforce?

- A. By using Documents.
- B. By using HttpCalloutMocks.
- C. By using WebServiceTests.
- D. By using Static Resources.
- D. By using Static Resources**

What is the benefit of the Lightning Component framework?

- A. Better integration with Force.com sites.
- B. More pre-built components to replicate the Salesforce look and feel.
- C. More centralized control via server-side logic.
- D. Better performance for custom Salesforce 1 Mobile apps.
- B. More pre-built components to replicate the Salesforce look and feel.**

How would a developer determine if a CustomObject\_\_c record has been manually shared with the current user in Apex?

- A. By querying the role hierarchy.
- B. By calling the isShared() method for the record.
- C. By querying CustomObject\_\_Share.
- D. By calling the profile settings of the current user.
- C. By querying CustomObject\_\_Share.**

Which trigger event allows a developer to update fields in the Trigger.new list without using an additional DML statement? (Choose 2)

- A. After update.
- B. Before insert.
- C. Before update.
- D. After insert.
- B. Before insert.**
- C. Before update.**

What is a valid way of loading external JavaScript files into a Visualforce page? (Choose 2)

- A. Using an (apex:includeScript)\* tag. \>
- B. Using an (apex:define)\* tag.
- C. Using a (link)\* tag.
- D. Using a (script)\* tag.

\*For this question, replace ( ) with less/greater than symbols.

A. Using an (apex:includeScript)\* tag.

D. Using a (script)\* tag.

\*For this question, replace ( ) with less/greater than symbols.

Where would a developer build a managed package?

A. Developer Sandbox

B. Unlimited Edition

C. Partial Copy Sandbox

D. Developer Edition

D. Developer Edition

What is the correct way to describe how Model-View-Controller (MVC) architecture is implemented on the Salesforce platform?

A. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: s-Controls

B. Model: Schema Builder; View: List Views; Controller: Setup Console

C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code

D. Model: Apex Code; View: List Views; Controller: Setup Console

C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code

What is valid in the where clause of a SOQL query?

Choose 2 answers.

A. A geolocation field.

B. An encrypted field.

C. An aggregate function.

D. An alias notation.

A. A geolocation field.

D. An alias notation.

A developer creates a method in an Apex class and needs to ensure that errors are handled properly. What would the developer use?

Choose 3 answers.

A. `ApexPages.addErrorMessage()`

B. A custom exception

C. `.addError()`

D. `Database.handleException()`

E. A try/catch construct

B. A custom exception

C. `.addError()`

E. A try/catch construct

In the Lightning Component framework, where is client-side controller logic contained?

Choose 1 answer.

A. Apex

B. Visualforce

C. HTML

D. JavaScript

D. JavaScript

Which use case requires a partial copy or full sandbox?  
Choose 3 answers.

- A. Scalability Testing
- B. Development Testing
- C. Quality Assurance Testing
- D. Batch Data Testing
- E. Integration Testing
- A. Scalability Testing
- D. Batch Data Testing
- E. Integration Testing

Universal containers wants to rollout new product bundles with several pricing options. Pricing options include product-price bundles, account specific pricing and more. Which product satisfies the needs?

- A. Workflow on Opportunity/Opportunity Product
- B. Custom Appexchange-app for product-pricing
- C. Formula fields on Opportunity/Opportunity Product
- D. Lightning process builder
- B. Custom Appexchange-app for product-pricing

Universal containers has included its orders as an external data object into Salesforce. You want to create a relationship between Accounts and the Orders object (one-to-many relationship) leveraging a key field for account which is on both external object and Account. Which relationship do you create?

- A. Master Detail Relationship
- B. Indirect Lookup Relationship
- C. Lookup Relationship
- D. Hierarchical Relationship
- E. External Lookup Relationship
- B. Indirect Lookup Relationship

Universal containers has a custom object that has a N:M relationship with opportunityLineItem carrying price and amount information. In order to compute total amounts and total prices per Opportunity using Rollup summary fields, what field type will you use? (check again)

- A. Crossobject
- B. Lookup
- C. Master-Detail
- D. Junction
- C. Master-Detail

Universal containers has a custom object that has a N:M relationship with opportunityLineItem carrying price and amount information. In order to compute total amounts and total prices per Opportunity using Rollup summary fields, what relationship type will you use? (check again)

- A. Crossobject
- B. Lookup
- C. Master-Detail
- D. Junction
- D. Junction

Universal containers want an org for development which can be refreshed in every 5 days with all the configuration and some data. What org do you choose?

- A. Developer Sandbox
- B. Developer Pro Sandbox
- C. Partial copy sandbox
- D. Full Sandbox
- C. Partial copy sandbox

Which Apex collection is used to ensure all values are unique?

- A. An Subject
- B. Set
- C. List
- D. Enum
- B. Set

Universal Container installs an unmanaged package. Which of the following are true? Choose 2. (check again)

- A. Tests are executed during deployment
- B. Unmanaged packages can be upgraded
- C. Unmanaged packages don't have a version number
- D. Unmanaged packages have a namespace prefix
- E. Components of unmanaged packages can be edited
- C. Unmanaged packages don't have a version number
- E. Components of unmanaged packages can be edited

Universal Container want to store an area code and wants to be able to search for it in searches. Which are possible fields to store the data? (choose 2)

- A. Phone
- B. Email
- C. Text
- D. Multi Picklist
- A. Phone
- C. Text

Universal containers has a custom object "service" which has a lookup relationship to Account. Universal containers wants to enhance Salesforce1 with an action that allows account managers to enter a new service to an Account while looking at the account?

- A. Enter an object specific action to Service and put it in the Account Layout
- B. Enter an object specific action to Service and put it in the Service Layout
- C. Enter an object specific action to Account and put it in the Account Layout
- D. Enter an object specific action to Account and put it in the Service Layout
- C. Enter an object specific action to Account and put it in the Account Layout

What determines whether a user can create a new record using a specific record type?  
(check again)

- A. Profile
- B. Page layout
- C. Field level security
- D. Sharing
- A. Profile

Which statements are true regarding Roll-Up Summary fields? Select all that apply (check again)

- A. Advanced currency management has no affect on roll-up summary fields.
  - B. Because roll-up summary fields are not displayed on edit pages, you can use them in validation rules but not as the error location for you validation.
  - C. Validation errors can display when saving either the detail or master record.
  - D. Automatically derived fields, such as current date or current user, are allowed in a roll-up summary field.
  - E. Once created, you cannot change the detail object selected or delete any field referenced in your roll-up summary definition.
- B. Because roll-up summary fields are not displayed on edit pages, you can use them in validation rules but not as the error location for you validation.
- C. Validation errors can display when saving either the detail or master record.
- E. Once created, you cannot change the detail object selected or delete any field referenced in your roll-up summary definition.

What happens when a workflow is re-evaluated? Pick 3

- A. Validation
  - B. Cross-object sharing rules
  - C. Other Workflow types
  - D. Previous Workflows
- B. Cross-object sharing rules
- C. Other Workflow types
- D. Previous Workflows

Which components can be added to a lightning app on custom Object? Choose 3

- A. Standard Lightning component
  - B. Custom lightning component
  - C. Object specific actions on the custom object
  - D. Global actions
  - E. Visualforce
- A. Standard Lightning component
- B. Custom lightning component
- D. Global actions

```
list<Account> flist = new list<Account>();
for(integer i=1;i<=200 ;i++){
    flist.add(new Account(name='Test Acc'+i));
}
insert flist;
```

```
list<Account> Llist = new list<Account>();
for(integer i=201;i<=20000 ;i++){
    Llist.add(new Account(name='Test Acc'+i));
}
insert Llist ;
```

- A. Error will occur
  - B. Insert all records
  - C. Insert 200 only
  - D. Records inserted
- A. Error will occur

Developer need to verify that the account trigger is working fine without changing Org data. What should the developer do to test the Account trigger?

- A. Use New button on Account tab to create new record
- B. Use the test menu on developer console to run all test classes for the account trigger.
- C. Use force.com IDE
- D. Use Execute Anonymous feature on developer console
- B. Use the test menu on developer console to run all test classes for the account trigger.**

Which is true about social accounts?

- A. You can use social accounts data even when you are not logged into the social account.
- B. You need a personal social account in order to see social account data
- C. You can use social accounts to import data into Salesforce
- D. Connection to social account is established through a company wide "named principal"
- B. You need a personal social account in order to see social account data**

Field type conversion. Which of the following are true? (choose 2) (check again)

- A. Data can be lost when converting from autonumber to text
- B. Information can be lost when converting from text area (rich) to text area (long)
- C. Data can be lost when converting from number to currency (assuming that field lengths are identical)
- D. Data can be lost when converting from simple picklist to multi picklist
- A. Data can be lost when converting from autonumber to text**
- C. Data can be lost when converting from number to currency (assuming that field lengths are identical)**

Universal Container is using assignment rules to distribute cases to regional teams. Which of the following are true? (check again)

- A. It is possible to have multiple active assignment rules
- B. Cases may be assigned to public groups (if configured)
- C. Cases may be assigned to queues (if configured)
- D. A workflow field update can be used instead
- C. Cases may be assigned to queues (if configured)**

You want to use an External Data Object Table from Heroku carrying Product Category information. The data need to be included in Salesforce and searchable. What do you have to do before you can use the connection? Choose two. (check again)

- A. Choose "include as index field"
- B. Press "validate and sync"
- C. Choose "include in Salesforce searches" option
- D. URL / choose the URL (?)
- B. Press "validate and sync"**
- C. Choose "include in Salesforce searches" option**

Objects of this Apex class allow developers to create list controllers similar to, or as extensions of, the pre-built Visualforce list controllers provided by Salesforce. (check again)



- A. StandardSetController Class
- B. StandardController Class
- C. Controller Class
- D. VisualforceSetController Class
- E. VisualforceControllerClass
- F. None of the above

A. StandardSetController Class

Which portion of the Model-View-Controller paradigm is represented in Force.com as a standard or custom object?

- A. Model
- B. Controller
- C. View

A. Model

What must a developer consider when inserting records using an API-based tool?  
Choose 2 (check again)

- A. Required fields on page layouts are enforced.
- B. Universally required field settings are respected.
- C. Apex triggers are ignored.
- D. Validation rules are respected.

C. Apex triggers are ignored.

D. Validation rules are respected.

What is the correct way to describe how Model-View-Controller (MVC) architecture is implemented on the Salesforce platform?

- A. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: s-Controls
- B. Model: Schema Builder; View: List Views; Controller: Setup Console
- C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code
- D. Model: Apex Code; View: List Views; Controller: Setup Console

C. Model: Standard and Custom Objects; View: Visualforce Pages; Controller: Apex Code

The Salesforce.com Certified Developer exam is intended for an individual who has experience performing as a Salesforce Administrator/Developer. This Quiz is designed to give you an idea of what to expect in the actual exam. The questions contained in this quiz are short and snappy as opposed to the official exam where you can expect answers to be in a scenario possibly with relevant images. If you read the scenario carefully though, you should find a simple question embedded.

- 60 Multiple Choice Questions, if a checkbox is present, more than one answer is required
- There is a 90 minute time limit on this Quiz



- 68% is the official passing score

## Results

37 of 60 questions answered correctly

Your time: 01:26:30

**You have reached 37 of 60 points, (61.67%)**

•

### 1. 1. Question

*Which of the following is not a sandbox type?*

- ☐ 1. Full
- ☐ 2. Partial Data
- ☐ 3. Developer
- ☒ 4. Professional

**Correct**

### 2. 2. Question

*Before code can be deployed in production, what percentage of test coverage must be achieved?*

- ☒ 1. 75
- ☐ 2. 50
- ☐ 3. 25
- ☐ 4. 100

**Correct**

### 3. 3. Question

*What do the first 3 characters of a Salesforce Record ID identify? e.g. 00Q2400000198J8*

- ☐ 1. The location on the storage pod
- ☒ 2. The Object type
- ☐ 3. The storage field identifier
- ☐ 4. The serial number in the data centre

**Correct**

### 4. 4. Question

*Which of these is true about the Lookup Relationship?*

- ☒ 1. Parent is not a required field and may be omitted
- ☐ 2. Security access of the child record is dependent upon the parent record
- ☐ 3. Deleting an object deletes its children
- ☐ 4. Roll-up summary field can be used to perform basic operations over all children of a parent record

**Correct**

### 5. 5. Question

*Select the data types that are supported by formula fields*

- ☐ 1. Phone

- ☐ 2. ☐ **Currency**
- ☐ 3. ☐ E-mail
- ☐ 4. ☐ **Percent**
- ☐ 5. ☐ **Text**

**Incorrect**

6. 6. Question

What type of data cannot be imported using the import wizard?

- ☐ 1. ☐ Accounts and Contacts
- ☐ 2. ☐ Leads
- ☐ 3. ☐ **Users**
- ☐ 4. ☐ **Custom Objects**

**Incorrect**

7. 7. Question

What type of field needs to be wrapped in a function (In a formula) to be accessed?

- ☐ 1. ☐ Currency
- ☐ 2. ☐ Long Text Field
- ☐ 3. ☐ **Date/Time**
- ☐ 4. ☐ **Picklist**

**Incorrect**

8. 8. Question

A user's profile does not have any permissions to view a custom object. However, the Organization Wide Defaults for the custom object are set to Public Read/Write. Users with this profile will still be able to access the custom object.

- ☐ 1. ☐ **True**
- ☐ 2. ☐ **False**

**Incorrect**

9. 9. Question

To create a new VisualForce page HelloWorld in development mode, which URL should be appended to the server address?

- ☐ 1. ☐ **/apex/HelloWorld**
- ☐ 2. ☐ /HelloWorld
- ☐ 3. ☐ **/vf/HelloWorld**
- ☐ 4. ☐ /home/HelloWorld

**Incorrect**

10. 10. Question

What language is used to query Salesforce for specific information?

- ☐ 1. ☐ SQL
- ☐ 2. ☐ SOSL
- ☐ 3. ☐ Apex
- ☐ 4. ☐ **SOQL**

**Correct**

11. 11. Question

Which of the following statements are true about Record ID's?

- ☐ 1. The 18 character ID is case-insensitive
- ☐ 2. The 18 character ID is case-sensitive
- ☐ 3. The 15 character ID is case-insensitive
- ☐ 4. The 15 character ID is case-sensitive

**Incorrect**

12. 12. Question

Which feature sets the base level of access to an object?

- ☐ 1. Roles
- ☐ 2. Public Groups
- ☐ 3. Profiles
- ☐ 4. Organizational Wide Defaults

**Incorrect**

13. 13. Question

Which of these is not a valid report type?

- ☐ 1. Summary
- ☐ 2. Matrix
- ☐ 3. Detailed
- ☐ 4. Tabular

**Correct**

14. 14. Question

What is the maximum number of master-detail lookup relationships allowable per object?

- ☐ 1. 3
- ☐ 2. 4
- ☐ 3. 2
- ☐ 4. 1

**Correct**

15. 15. Question

An organization needs to create a public website that displays data from Salesforce.com organization without user registration.

- ☐ 1. Salesforce Knowledgebase
- ☐ 2. Force.com sites
- ☐ 3. Apex
- ☐ 4. Visualforce

**Correct**

16. 16. Question

What must a developer consider when inserting data via an API based tool?

- ☐ 1. Universally required field settings are respected
- ☐ 2. Required fields on page layouts are enforced

- ☐ 3. ☐ **APEX Triggers are ignored**
- ☐ 4. ☐ **Validation Rules are Respected**

**Incorrect**

17. 17. Question

*When would a developer use upsert and external IDs?*

- ☐ 1. ☐ **To integrate with an external system**
- ☐ 2. ☐ To migrate customizations from a sandbox to production
- ☐ 3. ☐ **To load related records without knowing Salesforce record IDs**
- ☐ 4. ☐ To use Web Services API to query for data

**Correct**

18. 18. Question

*If a child record in a master detail relationship is deleted, the parent is deleted.*

- ☐ 1. ☐ **True**
- ☐ 2. ☐ **False**

**Incorrect**

19. 19. Question

*When building a custom application, a developer can include a custom icon for the app?*

- ☐ 1. ☐ False
- ☐ 2. ☐ **True**

**Correct**

20. 20. Question

*Standard picklist fields can be controlling or dependent?*

- ☐ 1. ☐ **False**
- ☐ 2. ☐ True

**Correct**

21. 21. Question

*In a data model object A is related to B, B is related to C. How will a developer create a report to include fields of A & C?*

- ☐ 1. ☐ Report cannot be created
- ☐ 2. ☐ Create a custom report with A and C fields as relationships already exist
- ☐ 3. ☐ **Create lookup relationships between A,B and C**
- ☐ 4. ☐ **Create a custom report type with A,B and C, and use it in the report.**

**Incorrect**

22. 22. Question

*What type of field cannot be used in a formula field?*

- ☐ 1. ☐ **Date/Time**
- ☐ 2. ☐ Standard Fields

- ☐ 3. ☐ **Text Area (Long)**
- ☐ 4. ☐ **Other Formula Fields**

**Incorrect**

23. 23. Question

*A field designated as required, is only required when it is added to a user's page layout*

- ☐ 1. ☐ True
- ☐ 2. ☐ **False**

**Correct**

24. 24. Question

*Object A has a lookup to object B. Which of the following statements are true?*

- ☐ 1. ☐ **Fields of object B can be accessed from object A**
- ☐ 2. ☐ **Fields of both B and A are accessible from object A**
- ☐ 3. ☐ Fields of object A can be accessed from object B
- ☐ 4. ☐ **Fields of both A and B are accessible from object B**

**Incorrect**

25. 25. Question

*What is a self relationship?*

- ☐ 1. ☐ A lookup to global search
- ☐ 2. ☐ A lookup field to the user object
- ☐ 3. ☐ **A relationship of account to opportunity owned by same owner**
- ☐ 4. ☐ **A lookup field to the same object**

**Incorrect**

26. 26. Question

*What is true about a custom tab?*

- ☐ 1. ☐ **It can only be included in custom applications**
- ☐ 2. ☐ **It can be included in as many applications as desired**
- ☐ 3. ☐ It can only be included in standard applications
- ☐ 4. ☐ It can only be included in one application

**Incorrect**

27. 27. Question

*There is more than 1 version of a Salesforce Record ID?*

- ☐ 1. ☐ **False**
- ☐ 2. ☐ **True**

**Incorrect**

28. 28. Question

*Name the prefix used by standard Visualforce markup tags.*





- ☐ 1. ☐ s
- ☐ 2. ☐ c

- ☐ 3.  apex
- ☐ 4.  vf

**Incorrect**

29. 29. Question





Which Salesforce Formula Function can return a value based on more than two different field parameters?

- ☐ 1.  Contains
- ☐ 2.  Beings
- ☐ 3.  IF Statement
- ☐ 4.  **CASE Statement**

**Correct**

30. 30. Question

What can a cross-object formula reference?

- ☐ 1.  **Parent Only**
- ☐ 2.  Child Only
- ☐ 3.  Records of the same Object
- ☐ 4.  Both Parent and Child objects

**Correct**

31. 31. Question





What are required pieces of a validation rule?

- ☐ 1. ☐ **Error Message**
- ☐ 2. ☐ **Condition Formula**
- ☐ 3. ☐ Return Value
- ☐ 4. ☐ **Rule Name**
- ☐ 5. ☐ Description

**Correct**

32. 32. Question





Which functionality is NOT available on a custom object?

- ☐ 1.  Record Types
- ☐ 2.  Workflows
- ☐ 3.  Validation Rules
- ☐ 4.  **Assignment Rules**

**Correct**

33. 33. Question

What layer of model-view-controller paradigm are standard or custom objects associated with?

- ☐ 1.  View and Controller
- ☐ 2.  Controller
- ☐ 3.  **Model**
- ☐ 4.  View

**Correct**

34. 34. Question

Which of the following is not a valid return type of a custom formula?

- ☐ 1. Decimal
- ☒ 2. **Array**
- ☐ 3. Date
- ☐ 4. Text

**Correct**

35. 35. Question

The organization IDs of your sandboxes remain same each time your sandbox is refreshed

- ☐ 1. False
- ☒ 2. **True**

**Incorrect**

36. 36. Question

A Developer wants to make sure that all fields on his new custom object are editable to all profiles, what should be checked on field level security?

- ☐ 1. Enable Visible and Read-Only
- ☒ 2. **Enable Visible but Disable Read-Only**
- ☐ 3. Disable Visible and Read-Only
- ☐ 4. Disable Visible but Enable Read-Only

**Incorrect**

37. 37. Question

Name the language Force.com uses to support full-text search in Objects

- ☐ 1. SQL
- ☐ 2. Visualforce
- ☐ 3. SOQL
- ☒ 4. **SOSL**

**Correct**

38. 38. Question

What is the maximum number of external IDs an object may have?

- ☒ 1. **7**
- ☐ 2. 3
- ☐ 3. 5
- ☐ 4. 1

**Incorrect**

39. 39. Question

What is true about a junction object?

- ☐ 1. A standard object that has one Master-Detail relationship
- ☐ 2. A standard object that has two Master-Detail relationships
- ☐ 3. A custom object that has one Master-Detail relationship
- ☒ 4. **A custom object that has two Master-Detail relationships**

**Correct**

40. 40. Question

What are the three different custom tabs you can create? (Select 3)

- ☐ 1. Web Tab
- ☐ 2. Custom Object Tab
- ☐ 3. Standard Object Tab
- ☐ 4. APEX Tab
- ☐ 5. Visualforce Tab

Correct

41. 41. Question

What is the name for an object that enables a many-to-many relationship between two other objects?

- ☐ 1. Schema Object
- ☒ 2. Junction Object
- ☐ 3. Connector Object
- ☐ 4. Child Object
- ☐ 5. Parent Object

Correct

42. 42. Question

What is true about Master-Detail relationships? (Select 2)

- ☐ 1. When the parent record is deleted, all child records will be deleted
- ☐ 2. You cannot delete a child object
- ☐ 3. You can have a child record without the parent record
- ☐ 4. You have to expose the master-detail field on the child object page layout

Correct

43. 43. Question

You have Custom Object A & Custom Object B, a record has to be created on B once a certain criteria is met A, how can this be achieved?

- ☐ 1. Visualforce page
- ☐ 2. Workflow Rule
- ☒ 3. Apex Trigger on Object A
- ☐ 4. Apex Trigger on Object B

Correct

44. 44. Question

Your manager has asked you to create an object with radio buttons that track a rating of 1-5, how will you achieve this?

- ☐ 1. Create a formula field
- ☐ 2. Create a radio button with 5 options
- ☒ 3. Create a Visualforce page with radio buttons.
- ☐ 4. Create a dependant picklist that feeds the radio button type field

Incorrect



45. 45. Question  
How can you make a field mandatory?

- ☐ 1. Check the required field box on the page layout.
- ☐ 2. Check the required field box on the field definition
- ☐ 3. Create a Workflow Rule
- ☐ 4. Check the required field box for the field on the record type
- ☐ 5. Creating a validation rule for the field

**Incorrect**

46. 46. Question  
Which of the following represent correct syntax to display first name from global variable user?

- ☒ 1. `{!$User.FirstName}`
- ☐ 2. `$User.FirstName`
- ☐ 3. `{!User.FirstName}`
- ☐ 4. `{User.FirstName}`

**Correct**

47. 47. Question  
Can you use an IF statement in a formula field?

- ☐ 1. False
- ☒ 2. True

**Correct**

48. 48. Question  
How many components can a Dashboard have?

- ☐ 1. 50
- ☐ 2. 100
- ☒ 3. 20
- ☐ 4. 10

**Correct**

49. 49. Question  
An organization wants to create a field to store manager data on the user object. The manager field is a reference to another user record. What type of relationship should be used?

- ☐ 1. Master-Detail
- ☒ 2. Hierarchical
- ☐ 3. Lookup
- ☐ 4. Many-to-many

**Incorrect**

50. 50. Question  
Which of the following cannot be done via a Workflow?

- ☐ 1. Create a Task
- ☒ 2. Create an Event
- ☐ 3. Create an Email Alert

- ☐ 4. ☒ Create an Outbound Message

**Correct**

51. 51. Question

Which edition of Salesforce is API access not available for by default?

- ☐ 1. ☐ All Editions
- ☐ 2. ☐ Developer
- ☐ 3. ☐ Unlimited
- ☐ 4. ☒ Professional

**Correct**

52. 52. Question

Roll-up Summaries are only available on what type of relationship?

- ☐ 1. ☐ Lookup relationship
- ☐ 2. ☐ Formula relationship
- ☐ 3. ☐ Apex relationship
- ☐ 4. ☒ Master-Detail relationship

**Correct**

53. 53. Question

Which of the following is true about Roll-up summary fields?

- ☐ 1. ☒ Roll-up summary fields are read only.
- ☐ 2. ☐ The results of the roll-up summary is displayed on the child in a master-detail relationship.
- ☐ 3. ☐ Roll-up summary can be used to compute SUM,MIN,MAX,AVG over a set of records
- ☐ 4. ☐ Roll-up summary can only be set on the parent of a Master-Detail or Lookup relationship.

**Correct**

54. 54. Question

What is the maximum number of fields that can be added to an object?

- ☐ 1. ☒ 500
- ☐ 2. ☐ No limit
- ☐ 3. ☐ 200
- ☐ 4. ☐ 100

**Correct**

55. 55. Question

Which of the following cannot be included in a VisualForce page?

- ☐ 1. ☐ HTML
- ☐ 2. ☒ Java
- ☐ 3. ☐ Javascript
- ☐ 4. ☐ Flash

**Correct**

56. 56. Question

What is API Access?

- 1. ☐ Allows developers to write test classes within Salesforce.
- 2. ☐ Is required to be able to deploy APEX Code in Force.com
- 3. ☒ **Can be given to users to allow them to access all Apps.**
- 4. ☐ Provides direct access to all data stored in Force.com from virtually any platform.

**Incorrect**

57. 57. Question

How do you highlight totals in a report?

- 1. ☐ Custom summary field
- 2. ☐ Formula Field
- 3. ☒ **Summary totals**
- 4. ☐ Roll-up summary field

**Correct**

58. 58. Question

In a master-detail relationship scenario, the fields of the parent object need to be displayed in the related list. How will a developer achieve this design?

- 1. ☒ **Cross-object formula field**
- 2. ☐ Workflow rule
- 3. ☐ Validation rule
- 4. ☐ Assignment rule

**Correct**

59. 59. Question

Customer services wish to analyse how many open cases there are each day over a period of time. How can they achieve this?

- 1. ☐ Summary Reports
- 2. ☐ Matrix Reports
- 3. ☒ **Analytic Snapshot**
- 4. ☐ Tabular Reports

**Correct**

60. 60. Question

Currently defined picklist values are retained when you change a picklist to a multi-select picklist?

- 1. ☐ False
- 2. ☒ **True**

**Correct**