1. A developer needs to write a method that searches for a phone number that could be on multiple object types. Which method should the developer use to accomplish this task?

2 points

SOSL Search that includes ALL ROWS

SOSL Search

SOQL Query on each object

SOQL Query that includes ALL ROWS

2. Universal Containers (UC) has an integration with its Accounting system that creates tens of ------ Salesforce in a nightly batch. UC wants to add automation that can attempt to match Leads ------- Using the Email Address field on the insert. UC is concerned about the performance of the ------- Which tool should UC use to automate this process?

2 points

Apex

Process Builder with an Autolaunched Flow

Workflow Rules

Process Builder

3. What should a developer use to implement an automatic Approval Process Submission for Cases?

2 points

A workflow rule

Process builder

Scheduled Apex

An Assignment rule

4. A candidate may apply to multiple jobs at the company Universal containers by submitting a single application per job posting. Once an application is 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?

2 points

Create a master-detail relationship in the Application custom object to the Job Postings custom object.

Create a lookup relationship on both objects to a junction object called Job Posting Applications

Create a master-detail relationship in the Job Postings custom object to the Applications custom object.

Create a lookup relationship in the Applications custom object to the Job Postings custom object.

5. Which declarative method helps ensure quality data? (Choose 3 answers)

2 points

Exception Handling

Workflow Alerts

Validation Rules

Lookup Filters

Page Layouts

6. 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? (Choose 2 answers)

2 points

Create a method that creates valid Account records & call this method from within test methods

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

Create a method that performs a callout for a valid Account record, and call this method from within the test methods

Create a method that queries for valid account records and call this methos from within test methods

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

2 points

As a set&lt;String&gt; with each value as an element in the set

As a list&lt;String&gt; with each value as an element in the list

As a string with each value separated by a semi colon

As a string with each value separated by a semi comma

8. A user selects a value from a multi-select picklist. How is this selected value represented in Apex?

2 points

As a string ending with a comma

As a string

As a list&lt;String&gt; with one element

As a set&lt;string&gt; with one element

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

2 points

Create a process with Process Builder

Create a workflow rule with a field update

Create a lightning component.

Create a Visualforce page.

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

2 points

As a String with each value separated by a comma.

As a List<String> with each value as an element in the list.

As a String with each value separated by a semicolon

As a Set<String> with each value as an element in the set.

11. How can a custom type be identified as unique when added to a set ?

2 points

The class must have a method with the @InvocableMethod annotation

The class must implement the Equals and Hashcode methods

Methods in the class must be static

Methods in the class must be global

12. Which collection type provides unique key/value pairings of data?

2 points

List

Map

Array

Set

13. An Org has a single account named ’NoContacts’ that has no related contacts. Given the query:List&lt;Account&gt; accounts = [Select ID, (Select ID, Name from contacts) from Account where Name=“NoContacts’];

2 points

Accounts[0] is Null.

Accounts[0] contacts is invalid Apex.

Accounts[0] contacts is an empty list.

A QueryException is thrown

14, Which two Apex data types can be used to reference a Salesforce record ID Dynamically? (Choose two answers)

2 points

String

External ID

sObject

ENUM

15. A method is passed a list of generic sobjects as a parameter. What should the developer do to determine which object type (Account, Lead, Contact , for example ) to cast each sObject ?

2 points

Use a try-catch construct to cast the sObject into one of the three sObject types.

Use the first three characters of the sObject ID to determine the sObject type

Use the getSObjectName method on the sObject class to get the sObject name

Use the getSObjectType method on each generic sOBbect to retrieve the sObject token

16. 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’; }

2 points

B

C

D

A

17. When the 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?

2 points

For(init\_stmt;exit\_condition;increment\_stmt){…}

Do{…}while(condition)

For (variable : list\_or\_set){…}

While(condition) {..}

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

2 points

For (triggerIsRunning t : [trigger.new](https://www.google.com/url?q=http://trigger.new&sa=D&source=editors&ust=1756978381976718&usg=AOvVaw2hGhLUkgFQg3AEzMBK8wga)) { dowork(); }

If(trigger.IsRunning){dowork();}

For(trigger.IsInsert t : [trigger.new](https://www.google.com/url?q=http://trigger.new&sa=D&source=editors&ust=1756978381977111&usg=AOvVaw22O1Ms01QCffDlIXnwp6Zl)){dowork();}

If(trigger.IsInsert){dowork();}

19. A developer is creating test coverage for a class and needs to insert records to validate functionality. Which method annotation should be used to create records for every method in the test class?

2 points

@isTest(SeeAllDate=true)

@PreTest

@TestSetup

@BeforeTest

20. What are three characteristics of static methods? (Choose 2 answers)

2 points

Initialized only when a class is loaded

A static variable is available outside of the cope of an Apex transaction

Allowed only in outer classes

Allowed only in inner classes

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

2 points

Use Schema.PicklistEntry returned by Case Status getDescribe().getPicklistValues()

Use Schema.RecordTypeInfo returned by Case.SObjectType.getDescribe().getRecordTypeInfos()

Use SOQL to query Case records in the org to get all the RecordType values available for Case.

Use SOQL to query Case records in the org to get all the values for the Status picklist field.

22. Which type of information is provided by the Checkpoints tab in the Developer Console? (Choose 2 answers)

2 points

Exception

Debug Statement

Namespace

Time

23. What is a valid source and destination pair that can send or receive change sets? (Choose 2 answers)

2 points

Sandbox to Production

Developer Edition to Sandbox

Developer Edition to Production

Sandbox to Sandbox

24. What should a developer working in a sandbox use to exercise a new test class before the developer class to production? (Choose 2 answers)

2 points

The REST API and ApexTestRun method.

The Apex Test Execution page in Salesforce setup.

The Test menu in the Developer console.

The Run Tests page in Salesforce setup.

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

2 points

More frequent refreshes.

Only includes necessary metadata

Use of change sets.

Limited to 5 GB of data.

26. Which three tools can deploy metadata to productions? (Choose 3 answers)

2 points

Data Loader

Change set from sandbox

Change set from developer org

Force.com IDE

Metadata API

27. Before putting an app into production, which step should be taken?

2 points

Run the production check feature via the web interface

Switch to a production database

Insure that you have installed a performance introspection add-on

Scale your dynos

28. What are two testing considerations when deploying code from a sandbox to production? (Choose 2 answers)

2 points

Apex Code requires 100% coverage.

75% of tests must execute without failure.

100% of tests must execute without failure.

Apex Code requires 75% coverage.

29. Which user can edit a record after it has been locked for approval? (Choose 2 answers)

2 points

An administrator

Any user who approved the record previously.

A user who is assigned as the current approver.

Any user with a higher role in the hierarchy.

30. In which two org types can a developer create new Apex classes? (Choose 2 answers)

2 points

Unlimited Edition

Enterprise Edition

Developer Edition

Sandbox

31. What are two ways a developer should deploy code from a developer org to an unrelated production org? (Choose 2 answers)

2 points

Login to the production org and set the developer org as an inbound connection in the Deployment Settings screen.

Setup a Salesforce to Salesforce connection and deploy a Change Set.

Save the code to a folder on the developer’s computer, create an incoming Change Set in the production org, and upload the files directly.

Package the code as an unmanaged package and install it in the production org.

Use an IDE to upload the new code directly into the production org using the metadata API

32. 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?

2 points

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

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

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

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

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

2 points

A list of lists of sObjects.

A map of sObject types to a list of sObjects.

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

A list of sObjects.

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

2 points

Remove all the references in the code and then the field will be removed from Schema Builder.

Remove all references from the code and then delete the custom field from Schema Builder.

Mark the field for deletion in Schema Builder and then delete it from the declarative UI.

Delete the field from Schema Builder and then all references in the code will be removed.

35. Using the schema builder, a developer tries to change the API name of a field that is referenced inan Apex Test Class. What is the end results?

2 points

The API name of the field is changed, and a warning is issued to update the class

The API name of the field and the reference in the test class is updated

The API name of the field and the reference in the test class is changed

The API name is not changed and there are no other impacts.

36. What is the output of the following code ?Integer index = 1;Integer counter = 2;do  {         System.debug(index);         index++;         counter++;        } while  (index ==20 "counter == 21);

2 points

The debug statement will output 1

The debug statement will repeat outputs from 1 to 21

The debug statement will report outputs from 1 to 20

The debug statement will will outupt 20

37. A developer writes the following code :List<Account> acc = { SELECT Id FROM Account LIMIT 10 };Delete acc;System.Debug(Limits.getDMLStatements() + ' , '+ Limits.getLimitDMLstatements() };What is the result of this debug statement ?

2 points

2150

1150

2200

1100

38. Given the code block:Integer x;for (x = 0; x<10; x+=2)(        if(x==8) break;        if(x==10) break;)system,debug(x);Which value will the system, debug statement display?

2 points

10

4

8

2

39. What are two valid options for iterating through each Account in the collection List&lt;Account&gt; named AccountList? (Choose 2 answers)

2 points

for (Integer i=0; i&lt;AccountList. Size();i++){…}

for (List L : AccountList) {…}

for(AccountList){…}

for (Account theAccount : AccountList){…}

40. A developer has the controller class below:Public with sharing class myFooController {Public integer prop { get; private set;}}Which code block will run successfully in an execute anonymous window?

2 points

myFooController m = new myFooControler ();\ System.asseert(m.prop==null);

myFooController m = new myFooControler ();\ System.asseert(m.prop==1);

myFooController m = new myFooControler ();\ System.asseert(m.prop==0);

myFooController m = new myFooControler ();\ System.asseert(m.prop=!null);

41. A visualforce interface is created for Case Management that includes both standard and custom functionality defined in an Apex class called myControllerExtension. The visualforce page shouldinclude which &lt;apex:page&gt; attribute(s) to correctly implement controller functionality?

2 points

standardController = “case” and extensions =” myControllerExtension”

extensions=”myControllerExtension”

controller=”myControllerExtension”

controller = “case” and extensions =”myControllerExtension”

42. When are code coverage calculations updated?

2 points

When unit tests are run on an organization.

When Apex code is saved.

When changes are made to an organization’s configuration.

When a deployment is validated.

43. What is the printed from the following code? Integer a = 0; Integer b; a = a++; a++; Integer c = a\*5; String s = String.value(c) + a; System.debug(s + ‘;’ + a +’;’ + b);

2 points

51;1;0

51;1;null

6;1; null

6;1;0

44. A developer created a Visualforce page with a custom controller to show a list of accounts. The page uses the &lt;apex:SelectList&gt; component, with a variable called “selection”, to show the valid values for Account.Type. The page uses an &lt;apex:pageBlockTable&gt; component to display the list of accounts, where the iteration variable is “acct”. The developer wants to ensure that when a user selects a type on the &lt;apex:selectList&gt; component, only accounts with that type are shown on the page. What should the developer do to accomplish this? (Choose 2 answer)

2 points

Add the Rendered = (!Acct.type==selection) attribute to the pageBlockTable component.

Create multiple lists in the controller that represent the relevant accounts for each account type when the page loads, then reference the correct one dynamically on the pageBlockTable.

Create a component for each option and use a variable with hide parameter on the element.

Use the onChange event to update the list of accounts in the controller when the value changes, and then re-render the pageBlockTable.

45. 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 10000 lead records. The developer has the following code bloack: 01 for(Lead l: Trigger.new){ 02 If (l.PostalCode != null){ 03 List<Territory\_\_c> terrlist = [Select Id from Territory\_\_c where PostalCode\_\_c = :l.PostakCode]; 04 if(terrList.size() > 0){ 05 l.Territory\_\_c = terrList[0].Id; } } } Which line of code is causing the block to fail?

2 points

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

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

02: A NullPointer exception is thrown if PostalCode is null.

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

46. A developer in 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<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?

2 points

101

100

252

102

47. 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(Parentd = parent.Id, Subject = parent.Subject);        childCases.add(child);}insert childCases;What happens after the code block executes?

2 points

Multiple child cases are created for each parent case in Trigger.new

A child case is created for each parent case in Trigger.new

The trigger enters an infinite loop and eventually fails.

The trigger fails if the subject field on the parent is blank.

48. A developer creates a custom controller and custom Visualforce page by using the following code block: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;}}{!myString}, {!StringMethod1}, {!StringMethod2}, {!myString}.What does the user see when accessing the custom page?

2 points

getMyString, , ,

, , Method2,

, , Method2, getMyString

getMyString , , Method2, getMyString

49. Given the code block: Integer x; for (x = 0; x&lt;10; x+=2) { if (x==8) break; if (x==10) break; } System.debug(x); Which value will the system.debug statement display?

2 points

4

10

8

2

50. What is the capability of Force.com IDE? (Choose 2 answers)

2 points

Roll Back deployments.

Run Apex tests

Download debug logs.

Edit metadata components.

51. What is an accurate constructor for a custom controller named “MyController”?

2 points

public MyController(){account = new Account();}

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

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

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

52. Which statement about the lookup relationship between a Custom Object and a Standard Object is correct?

2 points

The Lookup Relationship on the Custom Object can prevent the deletion of the standard object.

The lookup relationship cannot be marked as required on the page layout for the custom object.

The custom object will be deleted when the referenced standard object is deleted.

The custom object inherits security from the referenced Standard object.

53. 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?

2 points

Public ExtendedController(ApexPages.StandardController cntrl) { }

ApexPages.currentPage().getParameters().put('input', 'TestValue')

Test.setCurrentPage(pageRef),

String nextPage = controller.save().getUrl();

54. 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.

2 points

Declare the class and method using the global access modifier.

Declare the class as public and use the global access modifier on the method.

Declare the class as global and use the public access modifier on the method

Declare the class and method using the public access modifier.

55. 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?

2 points

Declare maxAttempts as a member variable on the trigger definition.

Declare maxAttempts as a private static variable on a helper class.

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

Declare maxAttempts as a variable on a helper class.

56. 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?

2 points

The test method has a syntax error in the code.

The test method relies on existing data in the sandbox.

The test method is calling an @future method.

The test method does not use System.runaAs to execute as a specific user.

57. 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?

2 points

Apexpages.current pages() .getParameter().get(‘url\_param’)

Apexpages.current pages() .getParameter().get(‘url\_param’).escapeHtml4()

string.valueofstringapexpages.currentpage().getparameters().get(‘url\_param’))

string.escapesinglequotes(apexpages.currentpage().getparameters().get(‘url\_param’))

58. 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?

2 points

Set “Use the first value in the list as the default value” as True.

Set a validation rule to enforce a value is selected.

Mark the field as Required on the field definition.

Mark the field as Required on the object’s page layout.

59. 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?

2 points

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

Override the Contact’s Edit button with a Visualforce page in Salesforce Classic and a Lightning page in Lightning Experience.

Override the Contact’s Edit button with a Lightning component in Salesforce Classic and a Lightning component in Lightning Experience.

Override the Contact’s Edit button with a Lightning page in Salesforce Classic and a Visualforce page in Lightning Experience.

60. 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?

2 points

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

Add a try/catch around the insert method.

Set the second insert method parameter to true.

Collect the insert method return value in a SaveResult record.