1. A developer need to provide a way to mass edit, update, and delete records from a list view.

In which two ways can this be accomplished?

Choose 2 answers

1. Configure the user interface and enable both inline editing and enhanced lists.
2. **Create a new visualforce page and apex controller for the list view that provides mass edit , update, and delete functionality.**
3. **Download an unmanaged package from the AppExchange that provides customizable mass edit, update, and delete functionality.**
4. Download a managed package from the AppExchange that provides customizable enhanced list views and buttons.
5. Opportunity opp = [select id, StageName from opportunity limit 1];

Given the code above, how can a developer get the label for the StageName field?

1. Call “Opportunity.StageName.Label”.
2. Call “Opportunity. StageName.getDescribe().getLabel()”.
3. **Call “opp.StageName.getDescribe().getLabel()”.**
4. Call “opp.StageName.Label”.
5. A developer has to handle the click event for a lightening:button component.

The onclick attribute for the component references a javascript function in which resource in the component bundle?

1. **Helper.js**
2. Render.js
3. Handler.js
4. Controller.js
5. Which statement is true about developing in a multi-tenant environment?
6. **Governer limits prevent apex from impacting the performance of multiple tenants on the same instance.**
7. Apex sharing controls access to records from multiple tenants on the same instance.
8. Org-level data security controlles which users can see data from multiple tenants.
9. Global apex classes can be referenced from multiple tenants on the same instance.
10. Which two components are available to deploy using the metadata API?

Choose 2 answers

1. **Web-to-lead**
2. Lead conversion settings
3. Web-to-case
4. **Case settings**
5. A developer has the following class and trigger code.

Public class InsuranceRates{

Public static final Decimal smokerCharge = 0.01;

…..

}

Trigger ContactTrigger on Contact(before insert){

InsuranceRates rates =new InsuranceRates();

Decimal baseCost=xxx;

…..

}

Which code segment should a developer insert at the xxx to set the basecost variable to the value of the class variable SmokerCharge?

1. **InsuranceRates.smokecharge**
2. Rates.getSmokerCharge()
3. ContactTrigger.InsuranceRates.Smokercharge
4. Rates.SmokerCharge.
5. A change set deployment from a sandbox to production fails due to a failure in a managed package unit test. The developer spoke with the managed package owner and they determined it is a false positive and can be ignored.

What should the developer to do successfully deploy?

1. Edit the managed package’s unit test.
2. Select fast deploy to run only the tests that are in the change set.
3. **Select “Run local tests” to run only the tests that are in the change set.**
4. Select “Run local tests” to run all tests in the org that are not in the managed package.
5. A developer needs to create a custom visualforce button for the opportunity object page layout that will cause a web service to be called and redirect the user to a new page when clicked

Which three attributes need to be defined in the <apex:page> tag of the visualforce page to enable this functionality?

Choose 3 answers

1. **Standard controller**
2. Read only
3. RenderAs
4. **Extensions**
5. **Action**
6. Which two statements can a developer use to throw a custom exception of type MisssingField valueException?

Choose 2 answers

1. **Throw new MisssingField ValueException(‘problem occurred’);**
2. Throw(MisssingField ValueException, ‘problem occurred’);
3. Throw Exception(new MisssingField ValueException());
4. **Throw new MisssingField ValueException();**
5. A developer uses a test setup method to create an account named ‘test’ . the first test method deletes the account record.

What must be done in the second test method to use the account?

1. Call the test setup method at the start of the test.
2. The account cannot be used in the second test method.
3. **Use SELECT id from account where name=’test’.**
4. Restore the account using an undelete statement.

1. A developer created a visualforce page and a custom controller with methods to handle different buttons and events that can occur on the page.

What should the developer do to deploy to production?

1. Create a test class that provides coverage of the visualforce page.
2. **Create a test class that provides coverage of the custom controller**.
3. Create a test page that provides coverage of the visualforce page.
4. Create a test page that provides coverage of the custom controller.
5. A developer declared a class as follows.

Public class wysiwyg {

// properties and methods including DML.

}

Which invocation of a class method will obey the organization-wide default and sharing settings for the running user in the salesforce organization?

1. An apex trigger that invokes a helper method in this class
2. A user on an external system that has an api call into salesforce that invokes a method in this class
3. A visualforce page with an apex controller that invokes a method in this class
4. **A developer using the developer console that invokes a method in this class from the execute anonymous window**
5. How many levels of child records can be returned in a single soql query from one parent object?
6. **1**
7. 3
8. 5
9. 7
10. The account object has a custom formula field, level\_\_c, that is defined as a formula(number) with two ecimal places.

Which three are valid assighnments?

Choose 3 answers

1. Long myLevel = acct.Level\_\_c;
2. **Decimal myLevel = acct.Level\_\_c;**
3. Integer myLevel = acct.Level\_\_c;
4. **Object myLevel = acct.Level\_\_c;**
5. **Double myLevel = acct.Level\_\_c;**
6. A platform developer needs to write an apex method that will only perform an action if a record is assigned to a specific record type.

Which two options allow the developer to dynamically determine the id of the required record type by its name?

Choose 2 answers

1. **Execute a soql query on the record type object.**
2. Hardcode the id as a constant in an apex class.
3. Make an outbound web services call to the SOAP API.
4. **Use the getRecordTypeInfosByName() method in the DescribeSobjectResult class.**
5. Which two statements are true regarding formula fields?

Choose 2 answers

1. When concatenating fields, line breaks can be added to improve readability.
2. **Fields that are referenced by a formula field can not be deleted until the formula is modified or deleted.**
3. **Formula fields may reference formula fields on the same object to a level of one deep.**
4. When using the operator to concatenate strings, the result is automatically truncated to fit the destination.
5. An account trigger updates all related contacts and cases each time an account is saved using the following two DML statements:

Upadate allcontacts;

Update allcases;

What is the result if the case update exceeds the governer limit for maximum number of DML records?

1. The account save succeeds and no contacts or cases are updated.
2. The account save is retried using a smaller trigger batch size.
3. The account save succeeds, contacts are updated, but cases are not.
4. **The account save fails and no contacts or cases are updated.**
5. A developer needs to include a visualforce page in the detail section of a page layout for the account object, but does not see the page as an available option In the pagelayout editor.

Which attribute must the developer include in the <apex:page> tag to ensure the visualforce page can be embedded in a pagelayout?

1. Action= “AccountId”
2. Controller= “Account”
3. **StandardController= “Account”**
4. Extensions= “AccountController”
5. Which option should a developer use to create 500 accounts and make sure that duplicates are not created for existing account sites?
6. **Data import wizard**.
7. Sandbox template.
8. Salesforce-to-salesforce.
9. Data loader.
10. Which two SOSL searches will return records matching search criteria contained in any of the searchable text fields on an object?

Choose 2 answers

1. **[FIND ‘Acme\*’IN ALL FIELDS RETURNING Account, opportunity];**
2. [FIND ‘Acme\*’IN TEXT FIELDS RETURNING Account, opportunity];
3. [FIND ‘Acme\*’IN ANY FIELDS RETURNING Account, opportunity];
4. **[FIND ‘Acme\*’IN RETURNING Account, opportunity];**
5. What are two benefits of the lightening component framework?

Choose 2 answers

1. It simplifies complexity when building pages, but not applications.
2. **It provides an event-driven architecture for better decoupling between components.**
3. It allows faster pdf generation with lightening components.
4. **It promotes faster development using out-of-the-box components that are suitable for desktop and mobile devices.**
5. A company wants to create an employee rating program that allows employees to rate each other. An employees average rating must be displayed on the employee record. Employees must be able to create rating records, but are not allowed to create employee records.

Which two actions should a developer take to accomplish this task?

Choose 2 answers

1. **Create a master- detail relationship between the rating and employee objects.**
2. Create a trigger on the rating object that updates a field on the employee object.
3. Create a lookup relationship between the rating and employee object.
4. **Create a rollup summary field on the employee and use AVG to calculate the average rating score.**
5. A developer wants to store a description of a product that can be entered on separate lines by a user during product setup and later displayed on a visualforce page for shoppers.

Which field type should the developer choose to ensure that the description will be searchable in the custom apex SOQL queries that are written?

1. Text.
2. **Text area.**
3. Text area(rich)
4. Text area(long)
5. A developer wants to display all of the picklist entries for the opportunity StageName field and all of the available record types for the opportunity object on a visualforce page.

Which two actions should the developer perform to get the available picklist values and record types in the controller?

Choose 2 answers

1. Use Schema.RecordTypeInfo returned by RecordType.Sobjecttype.getDescribe().getRecordTypeInfos().
2. Use Schema.picklistEntry returned by opportunity.SobjectType.getDescribe().getpicklistvalues()
3. **Use Schema.picklistEntry returned by opportunity.StageName.getDescribe().getpicklistvalues()**
4. **Use Schema.recordtypeinfo returned by opportunity.SobjectType.getDescribe().getRecordTypeInfos().**
5. A developer creates a custom controller and custom visualforce page by using the code block below.

Public class MyController {

Public String MyString {

Get {

If(myString ==null) {

myString = ‘a’;

}

Return myString;

}Private set;

}

Public String getStringMethod() {

Return ‘getMyString’;

}

Public String getStringMethod(){

If(myString ==null) {

myString = ‘b’;

}

Return myString;

}

}

<apex:page controller =”MyController”>

{!StringMethod}, {!myString}, {!myString}

</apex:page>

Which can the user expect to see when accessing the custom page?

1. b,a,getMyString
2. a,b,getMyString
3. a,a,a
4. a,b,b
5. for each example task should a developer use a trigger rather than a workflow rule?
6. **To set the name field of an expense report record to expense and the date when it is saved.**
7. To notify an external system that a record has been modified.
8. To set the primary contact on an account record when it is saved.
9. To send an email to a hiring manager when a candidate accepts a job offer.
10. Which is a valid apex assignment?
11. Integer x=5.0;
12. Integer x=5\*1.0;
13. Float x=5.0;
14. **Double x=5;**
15. Which type of code represents the model in the mvc architecture on the force.com platform?
16. A controller extension method that saves a list of account records.
17. **Custom javascript that processes a list of account records.**
18. A controller extension method that uses SOQL to query for a list of account records
19. A list of account records returned from a controller extension method
20. Which declarative process automation feature supports iterating over multiple records?
21. Flows
22. Validation rules
23. **Approval processes**
24. Workflows
25. A developer working on a time management application wants to make total hours for each timecard available to application users. A timecard entry has a master-detail relationship to a timecard.

Which approach should the developer use to accomplish this declaratively?

1. **A roll-up summary field on the timecard object that calculates the total hours from timecard entries for that timecard.**
2. A visualforce page that calculates the total number of hours for a timecard and displays it on the page.
3. An apex trigger that uses an aggregate query to calculate the hours for a given timecard and stores it in a custom field.
4. A process builder process that updates a field on the timecard when a timecard entry is created.

1. Which two queries can a developer use in a visualforce controller to protect against SOQL injection vulnerabilities?

Choose 2 answers

1. **String qryName = ‘%’ + name + ‘%’;**

**String qryString = ‘SELECT ID FROM contact WHERE name LIKE \ ‘%’ + ‘%\’’;**

**List<contact> queryResult =Database.query(queryString);**

1. **String qryName = ‘%’ + String.escapeSingleQuotes(name) + ‘%’;**

**String qryString = ‘SELECT ID FROM contact WHERE name LIKE :qryName;**

**List<contact> queryResult =Database.query(queryString);**

1. String qryString = ‘SELECT ID FROM contact WHERE name LIKE \ ‘%’ + ‘%\’’;

List<contact> queryResult =Database.query(queryString);

1. String qryName = ‘%’ + String.enforceSecurityChecks(name) + ‘%’;

String qryString = ‘SELECT ID FROM contact WHERE name LIKE :qryName;

1. What is a key difference between a master-detail relationship and lookup relationship?
2. **A master detail relationship detail record inherits the sharing and security of its master record.**
3. When a record of a master object in a lookup relationship is deleted, the detail records are also deleted.
4. A lookup relationship is a required field on an object.
5. When a record of an master object in a master\_detail relationship is deleted, the detail records are kept and not deleted.
6. In the code below, which type does String inherit from?

String s= ‘hello world’;

1. Prototype
2. Class
3. Subject
4. **Object**
5. An apex transaction inserts 100maccount records and 2000 contact records before encountering a dml exception when attempting to insert 500 opportunity records.

The account records are inserted by calling the database.insert() method with the allorNone argument set to set to false. The contact and opportunity records are inserted using the stand alone insert statement.

How many total records will be commited to the database in this transaction?

1. **100**
2. 0
3. 2100
4. 2000
5. Which two practices should be used for processing records in a trigger?

Choose 2 answers

1. Use(callout=true) to update an external system.
2. **Use a set to ensure unique values in a query filter.**
3. Use future methods to handle dml operations.
4. **Use a map to reduce the number of SOQL calls.**

1. A developer wants to use all of the functionality provided by the standard controller extension.

Which two are required in the controller extension class?

Choose 2 answers

1. **Define the class with a constructor that takes an instance of standardcontroller as a parameter.**
2. **Create a method named save with a return data type of pagereference.**
3. Create a method that references this.supersave().
4. Define the class with a constructor that creates a new instance of the standardcontroller class.

1. How can a developer use a set<id>to limit the number of records

Returned by a SOQL query?

1. Pass the set as an argument ina reference to the Database.query() method.
2. **Reference the set in the WHERE clause of the query.**
3. Pass the query results as an argument in a reference to the set.containsAll() method.
4. Reference the set in the LIMIT clause of the query.
5. When a task is created for a contact, how can a developer prevent the task from being included on the activity timeline of the contacts account record?
6. Create a task trigger to set the account field to null.
7. **In activity settings, uncheck roll up activities to a contact’s primary account.**
8. Use process builder to create a process to set the task account field to blank.
9. By default, tasks do not display on the account activity timeline.
10. A developer needs to find information about future methods that were invoked.

From which system monitoring feature can the developer see this organization?

1. Background jobs
2. Asynchronous jobs
3. Scheduled jobs
4. **Apex jobs**
5. What is a benefit of using a trigger framework?
6. Reduces trigger execution time
7. Allows functional code to be tested by a test class
8. **Simplifies addition of context-specific logic**
9. Increases trigger governer limits.
10. Managed packages can be created in which type of org?
11. Developer sandbox
12. **Developer edition**
13. Partial copy sandbox
14. Unlimited edition
15. How can a developer warn users of SOQL governer limit violations in a trigger?
16. Use pagereference.setRedirect() to redirect the user to a custom visualforce page before the number of SOQL queries exceeds the limit
17. Use Limits.getQueries() and display an error message before the number of SOQL queries exceeds the limit.
18. **Use ApexMessage.message() to display sn error message after the number of SOQL queries exceeds the limit.**
19. Use Messaging.SendMail() to continue the transaction and send an alert to the user after the number of SOQL queries exceeds the limit.
20. A developer uses an after update trigger on the account object to update all the contacts related to the account.

The trigger code shown below is randomly failing.

List<contact> theContacts =new List<Contact>

For(Account a:trigger.new) {

For(Contact c: [SELECT Id, Account\_\_Date\_\_c from Contact WHERE AccountId = :a.Id) {

c.Account\_\_Date\_\_c =Date.today();

theContacts.add();

}

}

Update theContacts;

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

1. A SOQL query is located inside of the for loop.
2. The trigger processes more than 200 records In the for loop.
3. An exception is thrown Account\_\_Date\_\_c is null.
4. **An exception is thrown if theContacts is empty.**
5. Which two rollup summary field types are required to find the average of values on detail records in a master-detail relationship?

Choose 2 answers

1. **Roll-up summary field of type SUM**
2. **Roll-up summary field of type COUNT**
3. Roll-up summary field of type TOTAL
4. Roll-up summary field of type NUM
5. A developer is creating an enhancement to an application that will allow people to be related to their employer.

Which data model should be used to track the data?

1. Create a junction object to relate many people to many employers through master-detail relationships.
2. Create a junction object to relate many people to many employers through lookup relationship
3. **Create a lookup relationship to indicate that a person has an employ.**
4. Create a master-detail relationship to indicate that a person has an employer.
5. 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?

1. **8**
2. 2
3. 10
4. 4
5. Which two statements are acceptable for a developer to use inside procedural loops?

Choose 2 answers

1. Account a=[select Id, name From Account WHERE Id =:con.AccountId LIMIT 1];
2. Delete contactList;
3. **contactList.remove(i);**
4. **contact con=new contact();**
5. which tag should a developer include when staying from external css is required in a visualforce page?
6. Apex:includeScript
7. Apex:includeStyles
8. **Apex:stylesheet**
9. Apex:require
10. Which two approaches optimize test maintenance and support future declarative configuaration changes?

Choose 2 answers

1. **Create a method that loads valid account records from a static resource, then call this method within test methods.**
2. **Create a method that creates valid records, then call this method within test methods.**
3. Create a method that queries for valid records, then call this method within test methods.
4. Create a method that performs a callout for valid records, then call this method within test methods.
5. Which two statements are true about apex code executed in anonymous blocks?
6. Successful DML operations are automatically commited.
7. **The code runs with the permissions of the logged in user,**
8. **The code runs in system mode having access to all objects and fields.**
9. All DML operations are automatically rolled back.
10. The code runs with the permissions of the user specified in the runAs() statement.

1. From which two locations can a developer determine the overall code coverage for a sandbox?
2. The test suite run panel of the developer console
3. The tests tab of the developer console
4. **The apex test execution page**
5. **The apex classes setup page**
6. The sales team at universal containers would like to see a visual indicator appear on both account and opportunity Page layouts to alert salespeople when an account is late making payments or has entered the collections process.

Which can a developer implement to achieve this requirement without having to write custom code?

1. Workflow rule
2. Quick action
3. **Formula field**
4. Rollup summary field
5. A developer needs to create an audit trail for records that are sent to the recycle bin.

Which type of trigger is most appropriate to create?

1. After undelete
2. **Before delete**
3. After delete
4. Before undelete
5. What is considered the primary purpose for creating apex tests?
6. To guarantee at least 50% of code is covered by unit tests before it is deployed
7. To ensure every usecase of the application is covered by a test
8. To confirm every trigger is executed at leat once.
9. **To confirm all classes and triggers compile successfully**
10. Which two conditions cause workflow rules to fire?

Choose 2 answers

1. Changing the territory assignments of accounts and opportunities
2. **Updating records using the bulk api**
3. Coverting leads to person accounts
4. **An apex batch process that changes field values**

1. A developer is creating a visualforce page that allows users to create multiple opportunities. The developer is asked to verify the current users default opportunity record type, and set certain default values based on the record type before inserting the record.

How can the developer find the current users default record type?

1. Create the opportunity and check the opportunity.recordType before inserting, which will have the record ID of the current users default record type.
2. **Use opportunity.SobjectType.getDescribe().getrecordTypeInfos() to get a list of record types, and iterate through them until isDefaultRecordTypeMapping() is true.**
3. Use the schema .userInfo.opportunity.getDefaultRecordType() method.
4. Query the profile where the id equals userInfo.getprofileID() and then use the profile. Opportunity.getDefaultRecordType() method.
5. Which two combined methods should a developer use to prevent more than one open opportunity on each account?

Choose 2 answers

1. **Create an account rollup summary field to count open opportunities.**
2. Create an opportunity workflow rule to auto close the opportunities.
3. **Create an account trigger to generate an error on opportunity insert.**
4. Create an opportunity validation rule to generate an error on insert.

1. A visualforce page users the contact standard controller.

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

1. Use SOQL syntax to find the related accounts name field.
2. Use an additional standard controller for accounts.
3. **Use the {contact.Account.Name} merge field syntax.**
4. Use additional apex logic within the controller to query for the name field.
5. A developer needs to an apex method that can process account or contact records.

Which method signature should the developer use?

1. Public void doWork(Account || contact)
2. Public void doWork(record theRecord)
3. **Public void doWork(sObject theRecord)**
4. Public void doWork(Account Contact)

1. Which two ways can a developer instantiate a pageReference in apex?

Choose 2 answers

1. **By using AoexPages.currentPage()**
2. By using an object standard set controller action
3. By using an object standard controller action
4. **By using the pageReference.getURL() method.**
5. Which query should a developer use to obtain the id and name of all the Leads,Accounts, andContacts that have the company name “universal Containers”?
6. **FIND “Universal Containers” IN name fields RETURNING lead(id,name), account(id,name),Contact(id,name)**
7. SELECT Lead.id,Lead.Name,Account.Id, Account.Name,Contact.Id,Contact.Name FROM Lead,Account,Contact WHERE companyName=’Universal Containers’
8. SELECT lead(id,name),account(id,name),contact(id,name) FROM Lead,Account,Contact WHERE Name=”Universal Containers”
9. FIND ‘Universal Containers’ IN companyName fields RETURNING lead(id,name), account(id,name),Contact(id,name)
10. Requirements state that a child record be deleted when its parent is deleted, and a child can be moved to a different parent when necessary.

Which type of relationship should be built between the parent and child objects in schema builder to support these requirements?

1. Lookup relationship from the child to the parent
2. Child relationship
3. **Master-detail relationship**
4. Lookup relationship from the parent to the child
5. A developer needs to create a baseline set of data(Accounts.Contacts,Products,Assets) for an entire suite of tests allowing them to test independent requirements various types of salesforce cases.

Which approach can efficiently generate the required data for each unit test?

1. **use@TestSetup with a valid method.**
2. Create a mock using the stub API.
3. Create test data before Test.StartTest() in the unit test.
4. Add @IsTest(seeAllData=true) at the start of the unit test class.
5. Which three resources in lightening component bundle can contain javascript functions?

Choose 3 answers

1. **Helper**
2. **Renderer**
3. **Controller**
4. Design
5. Style

1. How can a developer set up a debug log on a specific user?
2. Ask the user for access to their account credentials, log in as the user and debug the issue.
3. Create an apex code that logs code actions into a custom object.
4. It is not possible to setup debug logs for users other than yourself.
5. **Setup a trace flag for the user, and define a logging level and time period for the trace.**