Platform Developer I model questions.
1. 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.

2. What must the Controller for a Visulforce page utilized 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.

3. A developer uses a before insert Trigger on the Lead object to fetch the Territory__c object, where the Territory.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:

```
for(Lead l : Tigger.new) {
if(l.PostalCode != null) {
List< Territory__c> terrList =
[ SELECT Id FROM Territory__c where PostalCode__c =: lo.PostalCode ];
if(terrList.size() > 0) {
l.Territory__c = terrList[0].id;
}
}
}
```
Which line of code is causing the code block to fail?
A. 03: A SQOL query is located inside of the for loop code.

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

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

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

4. 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.

5. 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

6. An org has a 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.

7. 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

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

Boolean b = true;

A. Enum

B. Object

C. String

D. Class

9. 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.

10. 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? 3

A. One-to-Many

B. Lookup

C. Master-Detail

D. Parent-Child

11. 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.

12. 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

13. 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

14. 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

15. 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

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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.

16. 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.

17. 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

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

A. Formula fields can reference fields from mater-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.

19. 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

20. 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

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21. 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

22. 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

23. What is the correct pattern to follow when programming in Apex on muti-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

24. 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

25. 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

26. 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.

27. 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.

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

A. AccountId

B. Name

C. LastName

D. FirstName

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

A. DEBUG

B. FINE

C. INFO

D. WARN

30. 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.

31. 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

32. 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

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

A. Integer

B. Decimal

C. Double

D. Currency

34. Which resource can be included in a Lightning Component bundle?

A. Apex class

B. Adobe Flash

C. Javascript

D. Documentation

35. A custom exception names "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. thow RecordNotFoundException("Problem occurred");

D. throw RecordNotFoundException();

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

A. Unit tests with multiple methods result in all methods falling 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.

37. <<Question is not complete>>

38. 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;

39. 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();

40. 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. 8

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

B. Use Schema.RecordTypeInfo retunred 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.

41. 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.

42. 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

43. 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.

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

How can this be accomplishes? 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.

45. A developer writes a before insert trigger.
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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.

46. 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

47. 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.

48. What is a capability of Froce.com IDE? Choose 2 answers

A. Roll back deployments

B. Run Apex tests.

C. Download debug logs.

D. Edit metadata components

49. Which code segment can be used to control when the doWork() method is called.

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A. for(triggerIsRunning t : trigger.new) {

dowork();
}
B. if(trigger.IsRunning) {

doWork();
}
C. for(trigger.IsInsert : trigger.new) {

doWork();
}
D. if(trigger.IsInsert) {

doWork();
}
50. 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.

51. 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.

52. 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.
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53. 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

54. 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.

55. 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);

56. 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) {…}

57. 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.

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58. 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. PaymentTaxt. SalesTax

D. OpportunityLineItemTrigger. SalesTax

59. 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

60. 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?
(Same as question 42)
A. Before Trigger execution

B. After committing to database.

C. Before committing to database.

D. After Trigger Execution

61. 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.
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62. 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

63. Which information is provided by the Checkpoints tab in the developer console? Choose 2 answers.

A. Exception
B. Debug statement
C. Namespace
D. Time

64. 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.

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

How can this be accomplishes? Choose 2 answers
(Repeat 44)
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.

66. 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

67. 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;
} 14

C. public MyController(List<SObject> objects) {

accounts = (List<Account>) objects;
}
D. public MyController(ApexPages.StandardController stdController) {

account = (Account) stdController.getRecord();
}

68. 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.

69. 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.

70. 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'));

71. Which data type of 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