SALESFORCE PLATFORM DEVELOPER I CERTIFICATION DUMP

1.Which statement results in an Apex compiler error?

- A. Map<Id,Leas> lmap = new Map<Id,Lead>([Select ID from Lead Limit 8]);
- B. Date d1 = Date.Today(), d2 = Date.ValueOf(ג€˜2018-01-01ג€™);
- C. Integer a=5, b=6, c, d = 7;
- D. List<string> s = List<string>{ ;(™€ג c˜€ג,™€ג b˜€ג,™€ג a˜€ג

Correct Answer: D

2. What are two benefits of the Lightning Component framework? (Choose two.)

- A. It simplifies complexity when building pages, but not applications.
- B. It provides an event-driven architecture for better decoupling between components.
- C. It promotes faster development using out-of-box components that are suitable for desktop and mobile devices.
- D. It allows faster PDF generation with Lightning components.

Correct Answer: B & C

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

- A. Use the first three characters of the sObject ID to determine the sObject type.
- B. Use the getSObjectType method on each generic sObject to retrieve the sObject token.
- C. Use the getSObjectName method on the sObject class to get the sObject name.
- D. Use a try-catch construct to cast the sObject into one of the three sObject types.

Correct Answer: B

4. What should a developer use to implement an automatic Approval Process submission for Cases?

- A. An Assignment Rule
- B. Scheduled Apex
- C. Process Builder
- D. A Workflow Rule

Correct Answer: C

5. When viewing a Quote, the sales representative wants to easily see how many discounted items are included in the Quote Line Items.
What should a developer do to meet this requirement?

- A. Create a trigger on the Quote object that queries the Quantity field on discounted Quote Line Items.

- B. Create a Workflow Rule on the Quote Line Item object that updates a field on the parent Quote when the item is discounted.
- C. Create a roll-up summary field on the Quote object that performs a SUM on the quote Line Item Quantity field, filtered for only discounted Quote Line Items.
- D. Create a formula field on the Quote object that performs a SUM on the Quote Line Item Quantity field, filtered for only discounted Quote Line Items.

Correct Answer: C

6. A Developer wants to get access to the standard price book in the org while writing a test class that covers an OpportunityLineItem trigger.
Which method allows access to the price book?

- A. Use Test.getStandardPricebookId() to get the standard price book ID.
- B. Use @IsTest(SeeAllData=true) and delete the existing standard price book.
- C. Use Test.loadData() and a Static Resource to load a standard price book.
- D. Use @TestVisible to allow the test method to see the standard price book.

Correct Answer: A

7. Which two Apex data types can be used to reference a Salesforce record ID dynamically? (Choose two.)

- A. ENUM
- B. sObject
- C. External ID
- D. String

Correct Answer: A & D

8. Where can a developer identify the time taken by each process in a transaction using Developer Console log inspector?

- A. Performance Tree tab under Stack Tree panel
- B. Execution Tree tab under Stack Tree panel
- C. Timeline tab under Execution Overview panel
- D. Save Order tab under Execution Overview panel

Correct Answer: C

9. Which two platform features align to the Controller portion of MVC architecture? (Choose two.)

- A. Process Builder actions
- B. Workflow rules
- C. Standard objects
- D. Date fields

Correct Answer: A & B

10. A developer needs to test an Invoicing system integration. After reviewing the number of transactions required for the test, the developer estimates that the test data will total about 2 GB of data storage. Production data is not required for the integration testing.
Which two environments meet the requirements for testing? (Choose two.)

- A. Developer Sandbox
- B. Full Sandbox
- C. Developer Edition
- D. Partial Sandbox
- E. Developer Pro Sandbox

Correct Answer: B & D

11. 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?

- A. A Visualforce page that calculates the total number of hours for a timecard and displays it on the page
- B. A Roll-Up Summary field on the Timecard Object that calculates the total hours from timecard entries for that timecard
- C. A Process Builder process that updates a field on the timecard when a timecard entry is created
- D. An Apex trigger that uses an Aggregate Query to calculate the hours for a given timecard and stores it in a custom field

Correct Answer: B

12. A developer encounters APEX heap limit errors in a trigger.
Which two methods should the developer use to avoid this error? (Choose two.)

- A. Use the transient keyword when declaring variables.
- B. Query and store fields from the related object in a collection when updating related objects.
- C. Remove or set collections to null after use.
- D. Use SOQL for loops instead of assigning large queries results to a single collection and looping through the collection.

Correct Answer: A & D

13. Which approach should be used to provide test data for a test class?

- A. Query for existing records in the database.
- B. Execute anonymous code blocks that create data.
- C. Use a test data factory class to create test data.
- D. Access data in @TestVisible class variables.

Correct Answer: C

14. Which approach should a developer take to automatically add a `Maintenance Plan` to each Opportunity that includes an `Annual Subscription` when an opportunity is closed?

- A. Build a OpportunityLineItem trigger that adds a PriceBookEntry record.
- B. Build an OpportunityLineItem trigger to add an OpportunityLineItem record.
- C. Build an Opportunity trigger that adds a PriceBookEntry record.
- D. Build an Opportunity trigger that adds an OpportunityLineItem record.

Correct Answer: D

15. Which two statements are true about using the @testSetup annotation in an Apex test class? (Choose two.)

- A. The @testSetup annotation cannot be used when the @isTest(SeeAllData=True) annotation is used.
- B. Test data is inserted once for all test methods in a class.
- C. Records created in the @testSetup method cannot be updates in individual test methods.
- D. The @testSetup method is automatically executed before each test method in the test class is executed.

Correct Answer: A & D

16. What is the requirement for a class to be used as a custom Visualforce controller?

- A. Any top-level Apex class that has a constructor that returns a PageReference
- B. Any top-level Apex class that extends a PageReference
- C. Any top-level Apex class that has a default, no-argument constructor
- D. Any top-level Apex class that implements the controller interface

Correct Answer: D

17. A Visualforce page is required for displaying and editing Case records that includes both standard and custom functionality defined in an Apex class called myControllerExtension. The Visualforce page should include which <apex:page> attribute(s) to correctly implement controller functionality?

- A. controller=ג€Caseג€ and extensions=ג€myControllerExtensionג€
- B. extensions=ג€myControllerExtensionג€
- C. controller=ג€myControllerExtensionג€
- D. standardController=ג€Caseג€ and extensions=ג€myControllerExtensionג€

Correct Answer: D

18. A newly hired developer discovers that there are multiple triggers on the case object. What should the developer consider when working with triggers?

- A. Developers must dictate the order of trigger execution.
- B. Trigger execution order is based on creation date and time.
- C. Unit tests must specify the trigger being tested.

- D. Trigger execution order is not guaranteed for the same sObject.

Correct Answer: D

19. How should a developer prevent a recursive trigger?

- A. Use a ג€one trigger per objectג€ pattern.
- B. Use a static Boolean variable.
- C. Use a trigger handler.
- D. Use a private Boolean variable.

Correct Answer: B

20. Which three options can be accomplished with formula fields? (Choose three.)

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

Correct Answer: A, C & E

21. What is a capability of the <ltng:require> tag that is used for loading external Javascript libraries in Lightning Component? (Choose three.)

- A. Loading files from Documents.
- B. One-time loading for duplicate scripts.
- C. Specifying loading order.
- D. Loading scripts in parallel.
- E. Loading externally hosted scripts.

Correct Answer: B, C & D

22. 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 two.)

- A. Make an outbound web services call to the SOAP API.
- B. Hardcode the ID as a constant in an Apex class.
- C. Use the getRecordTypeInfosByName() method in the DescribeSObjectResult class.
- D. Execute a SOQL query on the RecordType object.

Correct Answer: C & D

23. 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?

- A. myFooController m = new myFooController(); System.assert(m.prop !=null);
- B. myFooController m = new myFooController(); System.assert(m.prop ==0);
- C. myFooController m = new myFooController(); System.assert(m.prop ==null);
- D. myFooController m = new myFooController(); System.assert(m.prop ==1);

Correct Answer: C

24. 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 List<String> with each value as an element in the list
- B. As a String with each value separated by a comma
- 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

Correct Answer: C

25. A developer writes the following code:

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

Delete acc;

Database.emptyRecycleBin (acc);

System.Debug(Limits.getDMLStatements () + ', '+ Limits.getLimitsDMLStatements());

What is the result of the debug statement?

- A. 1, 100
- B. 1, 150
- C. 2, 150
- D. 2, 200

Correct Answer: C

26. What are two valid options for iterating through each Account in the collection List<Account> named AccountList? (Choose two.)

- A. for (Account theAccount : AccountList) {ᴁ€¦}
- B. for(AccountList) {ᴁ€¦}
- C. for (List L : AccountList) {ᴁ€¦}
- D. for (Integer i=0; i < AccountList.Size(); i++) {ᴁ€¦}

Correct Answer: A & D

27. Given:
Map<ID, Account> accountMap = new Map>ID, Account> ([SELECT Id, Name FROM Account]);
What are three valid Apex loop structures for iterating through items in the collection? (Choose three.)

- A. for (ID accountID : accountMap.keySet()) {ᵢ€¦}
- B. for (Account accountRecord : accountMap.values()) {ᵢ€¦}
- C. for (Integer i=0; I < accountMap.size(); i++) {ᵢ€¦}
- D. for (ID accountID : accountMap) {ᵢ€¦}
- E. for (Account accountRecord : accountMap.keySet()) {ᵢ€¦}

Correct Answer: A, B & C

28. Universal Containers wants Opportunities to be locked from editing when reaching the Closed/Won stage.
Which two strategies should a developer use to accomplish this? (Choose two.)

- A. Use a Visual Workflow.
- B. Use a validation rule.
- C. Use the Process Automation Settings.
- D. Use a Trigger.

Correct Answer: B & D

29.How should a developer make sure that a child record on a custom object, with a lookup to the Account object, has the same sharing access as its associated account?

- A. Create a Sharing Rule comparing the custom object owner to the account owner.
- B. Create a validation rule on the custom object comparing the record owners on both records.
- C. Include the sharing related list on the custom object page layout.
- D. Ensure that the relationship between the objects is Master-Detail.

Correct Answer: D

30. An org has a single account named `˜NoContacts' that has no related contacts. Given the query:
List<Account> accounts = [Select ID, (Select ID, Name from Contacts) from Account where Name=`˜NoContacts'];
What is the result of running this Apex?

- A. accounts[0].contacts is invalid Apex.
- B. accounts[0].contacts is an empty Apex.
- C. accounts[0].contacts is Null.
- D. A QueryException is thrown.

Correct Answer: B

31. A platform developer at Universal Containers needs to create a custom button for the Account object that, when clicked, will perform a series of calculations and redirect the user to a custom Visualforce page.
Which three attributes need to be defined with values in the <apex:page> tag to accomplish this? (Choose three.)

- A. action
- B. renderAs
- C. standardController
- D. readOnly
- E. extensions

Correct Answer: A, B & C

32. Using the Schema Builder, a developer tries to change the API name of a field that is referenced in an Apex test class.
What is the end result?

- A. The API name is not changed and there are no other impacts.
- B. The API name of the field and the reference in the test class is changed.
- C. The API name of the field is changed, and a warning is issued to update the class.
- D. The API name of the field and the reference in the test class is updated.

Correct Answer: C

33. When is an Apex Trigger required instead of a Process Builder Process?

- A. When a record needs to be created
- B. When multiple records related to the triggering record need to be updated
- C. When a post to Chatter needs to be created
- D. When an action needs to be taken on a delete or undelete, or before a DML operation is executed.

Correct Answer: D

A developer needs to join data received from an integration with an external system with parent records in Salesforce. The data set does not contain the
Salesforce IDs of the parent records, but it does have a foreign key attribute that can be used to identify the parent.
Which action will allow the developer to relate records in the data model without knowing the Salesforce ID?

- A. Create and populate a custom field on the parent object marked as Unique.
- B. Create a custom field on the child object of type External Relationship.
- C. Create and populate a custom field on the parent object marked as an External ID.
- D. Create a custom field on the child object of type Foreign Key.

Correct Answer: D

35. A developer created a Lightning component to display a short text summary for an object and wants to use it with multiple Apex classes.
How should the developer design the Apex classes?

- A. Have each class define method getObject() that returns the sObject that is controlled by the Apex class.
- B. Extend each class from the same base class that has a method getTextSummary() that returns the summary.
- C. Have each class implement an interface that defines method getTextSummary() that returns the summary.
- D. Have each class define method getTextSummary() that returns the summary.

Correct Answer: C

36. Which approach should a developer use to add pagination to a Visualforce page?

- A. A StandardController
- B. The Action attribute for a page
- C. The extensions attribute for a page
- D. A StandardSetController

Correct Answer: D

37.A developer is asked to create a PDF quote document formatted using the company's branding guidelines, and automatically save it to the Opportunity record.
Which two ways should a developer create this functionality? (Choose two.)

- A. Install an application from the AppExchange to generate documents.
- B. Create a Visualforce page with custom styling.
- C. Create an email template and use it in Process Builder.
- D. Create a visual flow that implements the companyג€™s formatting.

Correct Answer: A & B

38. Which tool allows a developer to send requests to the Salesforce REST APIs and view the responses?

- A. REST resource path URL
- B. Workbench REST Explorer
- C. Developer Console REST tab
- D. Force.com IDE REST Explorer tab

Correct Answer: B

39. 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?

- A. Create a test class that provides coverage of the Visualforce page.
- B. Create a test page that provides coverage of the Visualforce page.

- C. Create a test page that provides coverage of the custom controller.
- D. Create a test class that provides coverage of the custom controller.

Correct Answer: D

40. What is a benefit of using an after insert trigger over using a before insert trigger?

- A. An after insert trigger allows a developer to bypass validation rules when updating fields on the new record.
- B. An after insert trigger allows a developer to insert other objects that reference the new record.
- C. An after insert trigger allows a developer to make a callout to an external service.
- D. An after insert trigger allows a developer to modify fields in the new record without a query.

Correct Answer: B

41. The operation manager at a construction company uses a custom object called Machinery to manage the usage and maintenance of its cranes and other machinery. The manager wants to be able to assign machinery to different constructions jobs, and track the dates and costs associated with each job. More than one piece of machinery can be assigned to one construction job.
What should a developer do to meet these requirements?

- A. Create a lookup field on the Construction Job object to the Machinery object.
- B. Create a lookup field on the Machinery object to the Construction Job object.
- C. Create a junction object with Master-Detail Relationship to both the Machinery object and the Construction Job object.
- D. Create a Master-Detail Lookup on the Machinery object to the Construction Job object.

Correct Answer: A

42. Which two strategies should a developer use to avoid hitting governor limits when developing in a multi-tenant environment? (Choose two.)

- A. Use collections to store all fields from a related object and not just minimally required fields.
- B. Use methods from the ג€Limitsג€ class to monitor governor limits.
- C. Use SOQL for loops to iterate data retrieved from queries that return a high number of rows.
- D. Use variables within Apex classes to store large amounts of data.

Correct Answer: B & C

43. Which set of roll-up types are available when creating a roll-up summary field?

- A. COUNT, SUM, MIN, MAX
- B. AVERAGE, SUM, MIN, MAX
- C. SUM, MIN, MAX

- D. AVRAGE, COUNT, SUM, MIN, MAX

Correct Answer: A

42. What is the result of the debug statements in testMethod3 when you create test data using testSetup in below code?

```
@isTest
private class CreateAndExecuteTest{

    @testSetup
    static void setup() {
     // Create 2 test accounts
     List<Account> testAccts = new List<Account>();
     for(Integer i=0;i<2;i++) {
         testAccts.add(new Account(Name = 'MyTestAccount'+i, Phone='333-878'));
     }
     insert testAccts;
    }

    @isTest static void testMethod1() {
     Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
     acc.Phone = '888-1515';
     update acc;

     Account acc2 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
     acc.Phone = '999-1515';
     update acc2;
    }

    @isTest static void testMethod2() {
     Account acc = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];
     acc.Phone = '888-2525';
     update acc;
    }

    @isTest static void testMethod3() {
     Account acc0 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount0' LIMIT 1];
     Account acc1 = [SELECT Id,Phone FROM Account WHERE Name='MyTestAccount1' LIMIT 1];

     System.debug('Account0.Phone='+ acc0.Phone +', Account1.Phone='acc1.Phone);
    }
```

- A. Account0.Phone=333-8781, Account1.Phone=333-8780
- B. Account0.Phone=888-1515, Account1.Phone=999-2525
- C. Account0.Phone=333-8780, Account1.Phone=333-8781
- D. Account0.Phone=888-1515, Account1.Phone=999-1515

Correct Answer: C

45. Which three options allow a developer to use custom styling in a Visualforce page? (Choose three.)

- A. <apex:stylesheet> tag
- B. Inline CSS
- C. <apex:style>tag

- D. <apex:stylesheets>tag
- E. A static resource

Correct Answer: A,B & E

46. A developer executes the following query in Apex to retrieve a list of contacts for each account:
List<account> accounts = [Select ID, Name, (Select ID, Name from Contacts) from Account] ;
Which two exceptions may occur when it executes? (Choose two.)

- A. CPU limit exception due to the complexity of the query.
- B. SOQL query row limit exception due to the number of contacts.
- C. SOQL query limit exception due to the number of contacts.
- D. SOQL query row limit exception due to the number of accounts.

Correct Answer: C & D

47. Which three tools can deploy metadata to production? (Choose three.)

- A. Change Set from Developer Org
- B. Force.com IDE
- C. Data Loader
- D. Change Set from Sandbox
- E. Metadata API

Correct Answer: A,D & E

48. A developer needs to display all of the available fields for an object.
In which two ways can the developer retrieve the available fields if the variable myObject represents the name of the object? (Choose two.)

- A. Use myObject.sObjectType.getDescribe().fieldSet() to return a set of fields.
- B. Use mySObject.myObject.fields.getMap() to return a map of fields.
- C. Use Schema.describeSObjects(new String[]{myObject})[0].fields.getMap() to return a map of fields.
- D. Use getGlobalDescribe().get(myObject).getDescribe().fields.getMap() to return a map of fields.

Correct Answer: B & C

49. How should a developer avoid hitting the governor limits in test methods?

- A. Use @TestVisible on methods that create records.
- B. Use Test.loadData() to load data from a static resource.
- C. Use @IsTest (SeeAllData=true) to use existing data.
- D. Use Test.startTest() to reset governor limits.

Correct Answer: D

50. Which three declarative fields are correctly mapped to variable types in Apex? (Choose three.)

- A. Number maps to Decimal.
- B. Number maps to Integer.
- C. TextArea maps to List of type String.
- D. Date/Time maps to Dateline.
- E. Checkbox maps to Boolean.

Correct Answer: A,D & E

51. A developer is asked to set a picklist field to `~Monitor' on any new Leads owned by a subnet of Users.
How should the developer implement this request?

- A. Create an after insert Lead trigger.
- B. Create a before insert Lead trigger.
- C. Create a Lead Workflow Rule Field Update.
- D. Create a Lead formula field.

Correct Answer: C

52. Why would a developer consider using a custom controller over a controller extension?

- A. To increase the SOQL query governor limits.
- B. To implement all of the logic for a page and bypass default Salesforce functionality
- C. To leverage built-in functionality of a standard controller
- D. To enforce user sharing settings and permissions

Correct Answer: B

53. A developer wants to override a button using Visualforce on an object.
What is the requirement?

- A. The controller or extension must have a PageReference method.
- B. The standardController attribute must be set to the object.
- C. The action attribute must be set to a controller method.
- D. The object record must be instantiated in a controller or extension.

Correct Answer: B

54. A lead object has a custom field Prior_Email__c. The following trigger is intended to copy the current Email into the Prior_Email__c field any time the Email field is changed:

```
trigger test on Lead (before update) {
    for(Lead ld: trigger.new)
    {
        if(ld.Email != trigger.oldMap.get (ld.ld).email)
        {
            ld.Prior_Email__c = trigger.old,ap.get (ld.ld).email;
            update ld;
        }
    }
}
```

Which type of exception will this trigger cause?

- A. A null reference exception
- B. A compile time exception
- C. A DML exception
- D. A limit exception when doing a bulk update

Correct Answer: C

55. How should a developer create a new custom exception class?

- A. public class CustomException extends Exception{}
- B. CustomException ex = new (CustomException)Exception();
- C. public class CustomException implements Exception{}
- D. (Exception)CustomException ex = new Exception();

Correct Answer: A

56. Which two number expressions evaluate correctly? (Choose two.)

- A. Double d = 3.14159;
- B. Integer I = 3.14159;
- C. Decimal d = 3.14159;
- D. Long l = 3.14159;

Correct Answer: A & C

57.How can a developer set up a debug log on a specific user?

- A. It is not possible to setup debug logs for users other than yourself.
- B. Ask the user for access to their account credentials, log in as the user and debug the issue.
- C. Create Apex code that logs code actions into a custom object.
- D. Set up a trace flag for the user, and define a logging level and time period for the trace.

Correct Answer: D

58. A developer needs to create a Visualforce page that displays Case data. The page will be used by both support reps and support managers. The Support Rep profile does not allow

visibility of the Customer_Satisfaction__c field, but the Support Manager profile does. How can the developer create the page to enforce Field Level Security and keep future maintenance to a minimum?

- A. Create one Visualforce Page for use by both profiles.
- B. Use a new Support Manager permission set.
- C. Create a separate Visualforce Page for each profile.
- D. Use a custom controller that has the with sharing keywords.

Correct Answer: D

59. When an Account's custom picklist field called Customer Sentiment is changed to a value of `Confused`, a new related Case should automatically be created.
Which two methods should a developer use to create this case? (Choose two.)

- A. Process Builder
- B. Apex Trigger
- C. Custom Button
- D. Workflow Rule

Correct Answer: A & B

60. What are three characteristics of static methods? (Choose three.)

- A. Initialized only when a class is loaded
- B. A static variable outside of the scope of an Apex transaction
- C. Allowed only in outer classes
- D. Allowed only in inner classes
- E. Excluded from the view state for a Visualforce page

Correct Answer: A, C & E

61. What are two uses for External IDs? (Choose two.)

- A. To create relationships between records imported from an external system.
- B. To create a record in a development environment with the same Salesforce ID as in another environment
- C. To identify the sObject type in Salesforce
- D. To prevent an import from creating duplicate records using Upsert

Correct Answer: A & D

62. A developer wrote a unit test to confirm that a custom exception works properly in a custom controller, but the test failed due to an exception being thrown.
Which step should the developer take to resolve the issue and properly test the exception?

- A. Use try/catch within the unit test to catch the exception.
- B. Use the finally bloc within the unit test to populate the exception.
- C. Use the database methods with all or none set to FALSE.
- D. Use Test.isRunningTest() within the custom controller.

Correct Answer: A

63. Which SOQL query successfully returns the Accounts grouped by name?

- A. SELECT Type, Max(CreatedDate) FROM Account GROUP BY Name
- B. SELECT Name, Max(CreatedDate) FROM Account GROUP BY Name
- C. SELECT Id, Type, Max(CreatedDate) FROM Account GROUP BY Name
- D. SELECT Type, Name, Max(CreatedDate) FROM Account GROUP BY Name LIMIT 5

Correct Answer: B

64. For which three items can a trace flag be configured? (Choose three.)

- A. Apex Trigger
- B. Apex Class
- C. Process Builder
- D. User
- E. Visualforce

Correct Answer: A, B & D

65. A developer is asked to create a custom Visualforce page that will be used as a dashboard component.
Which three are valid controller options for this page? (Choose three.)

- A. Use a standard controller.
- B. Use a standard controller with extensions.
- C. Use a custom controller with extensions.
- D. Do not specify a controller.
- E. Use a custom controller.

Correct Answer: A, B & E

66. A Platform Developer needs to implement a declarative solution that will display the most recent Closed Won date for all Opportunity records associated with an Account.
Which field is required to achieve this declaratively?

- A. Roll-up summary field on the Opportunity object
- B. Cross-object formula field on the Opportunity object
- C. Roll-up summary field on the Account object
- D. Cross-object formula field on the Account object

Correct Answer: C

67. Which three statements are true regarding the @isTest annotation? (Choose three.)

- A. A method annotated @isTest(SeeAllData=true) in a class annotated @isTest(SeeAllData=false) has access to all org data.

- B. A method annotated @isTest(SeeAllData=false) in a class annotated @isTest(SeeAllData=true) has access to all org data.
- C. A class containing test methods counts toward the Apex code limit regardless of any @isTest annotation.
- D. Products and Pricebooks are visible in a test even if a class is annotated @isTest(SeeAllData=false).
- E. Profiles are visible in a test even if a class is annotated @isTest(SeeAllData=false).

Correct Answer: B, C & E

68. What is the data type returned by the following SOSL search?
[FIND `˜Acme*' IN NAME FIELDS RETURNING Account, Opportunity];

- A. List<List<Account>, List<Opportunity>>
- B. Map<sObject, sObject>
- C. List<List<sObject>>
- D. Map<Id, sObject>

Correct Answer: C

69. A company wants to create an employee rating program that allows employees to rate each other. An employee's 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 two.)

- A. Create a trigger on the Rating object that updates a fields on the Employee object.
- B. Create a lookup relationship between the Rating and Employee object.
- C. Create a roll-up summary field on the Employee and use AVG to calculate the average rating score.
- D. Create a master-detail relationship between the Rating and Employee objects.

Correct Answer: C & D

70. Which two SOSL searches will return records matching search criteria contained in any of the searchable text fields on an object? (Choose two.)

- A. [FIND ג€˜Acme*ג€™ IN ANY FIELDS RETURNING Account, Opportunity];
- B. [FIND ג€˜Acme*ג€™ RETURNING Account, Opportunity];
- C. [FIND ג€˜Acme*ג€™ IN ALL FIELDS RETURNING Account, Opportunity];
- D. [FIND ג€˜Acme*ג€™ IN TEXT FIELDS RETURNING Account, Opportunity];

Correct Answer: B & C

71. For which example task should a developer use a trigger rather than a workflow rule?

- A. To set the Name field of an expense report record to Expense and the Date when it is saved
- B. To send an email to a hiring manager when a candidate accepts a job offer
- C. To notify an external system that a record has been modified

- D. To set the primary Contact on an Account record when it is saved

Correct Answer: D

72. Which feature should a developer use to update an inventory count on related Product records when the status of an Order is modified to indicate it is fulfilled?

- A. Process Builder process
- B. Lightning component
- C. Visualforce page
- D. Workflow rule

Correct Answer: A

73. A developer has JavaScript code that needs to be called by controller functions in multiple Aura components by extending a new abstract component.
Which resource in the abstract Aura component bundle allows the developer to achieve this?

- A. helper.js
- B. controller.js
- C. superRender.js
- D. renderer.js

Correct Answer: A

74. Which option should a developer use to create 500 Accounts and make sure that duplicates are not created for existing Account Sites?

- A. Sandbox template
- B. Data Loader
- C. Data Import Wizard
- D. Salesforce-to-Salesforce

Correct Answer: C

75.Which two components are available to deploy using the Metadata API? (Choose two.)

- A. Lead Conversion Settings
- B. Web-to-Case
- C. Web-to-Lead
- D. Case Settings

Correct Answer: A & D

76. Which three statements are true regarding cross-object formulas? (Choose three.)

- A. Cross-object formulas can reference fields from objects that are up to 10 relationships away.
- B. Cross-object formulas can reference fields from master-detail or lookup relationships.

- C. Cross-object formulas can reference child fields to perform an average.
- D. Cross-object formulas can expose data the user does not have access to in a record.
- E. Cross-object formulas can be referenced in roll-up summary fields.

Correct Answer: A, B & D

77. Which two statements are true about Apex code executed in Anonymous Blocks? (Choose two.)

- A. The code runs with the permissions of the user specified in the runAs() statement.
- B. The code runs with the permissions of the logged in user.
- C. The code runs in system mode having access to all objects and fields.
- D. All DML operations are automatically rolled back.
- E. Successful DML operations are automatically committed.

Correct Answer: B & E

78. From which two locations can a developer determine the overall code coverage for a sandbox? (Choose two.)

- A. The Apex Test Execution page
- B. The Test Suite Run panel of the Developer Console
- C. The Apex classes setup page
- D. The Tests tab of the Developer Console

Correct Answer: A & D

79. Which two practices should be used for processing records in a trigger? (Choose two.)

- A. Use a Map to reduce the number of SOQL calls.
- B. Use @future methods to handle DML operations.
- C. Use a Set to ensure unique values in a query filter.
- D. Use (callout=true) to update an external system.

Correct Answer: A & C

80. Which two statements are acceptable for a developer to use inside procedural loops? (Choose two.)

- A. delete contactList;
- B. contactList.remove(i);
- C. Contact con = new Contact();
- D. Account a = [SELECT Id, Name FROM Account WHERE Id = :con.AccountId LIMIT 1];

Correct Answer: B & C

81. What is the debug output of the following Apex code?
Decimal theValue;
System.debug(theValue);

- A. 0.0
- B. null
- C. Undefined
- D. 0

Correct Answer: B

82. A developer needs to provide a way to mass edit, update, and delete records from a list view.
In which two ways can this be accomplished? (Choose two.)

- A. Create a new Visualforce page and Apex Controller for the list view that provides mass edit, update, and delete functionality.
- B. Download a managed package from the AppExchange that provides customizable Enhanced List Views and buttons.
- C. Download an unmanaged package from the AppExchange that provides customizable mass edit, update, and delete functionality.
- D. Configure the user interface and enable both inline editing and enhanced lists.

Correct Answer: A & B

83. Which type of code represents the Model in the MVC architecture when using Apex and Visualforce pages?

- A. A Controller Extension method that saves a list of Account records
- B. Custom JavaScript that processes a list of Account records
- C. A list of Account records returned from a Controller Extension method
- D. A Controller Extension method that uses SOQL to query for a list of Account records

Correct Answer: C

84. Requirements state that a child record is 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?

- A. Master-Detail relationship
- B. Child relationship
- C. Lookup relationship from the parent to the child
- D. Lookup relationship from the child to the parent

Correct Answer: A

85. Which tag should a developer include when styling from external CSS is required in a Visualforce page?

- A. apex:includeStyles
- B. apex:includeScript
- C. apex:require

- D. apex:stylesheet

Correct Answer: D

86. Managed Packages can be created in which type of org?

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

Correct Answer: D

87. 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?

- A. InsuranceRates.smokerCharge
- B. rates.getSmokerCharge()
- C. ContactTrigger.InsuranceRates.smokerCharge
- D. rates.smokerCharge

Correct Answer: A

88.A developer can use the debug log to see which three types of information? (Choose three.)

- A. HTTP callouts to external systems
- B. Database changes
- C. Resource usage and limits
- D. User login events
- E. Actions triggered by time-based workflow

Correct Answer: A,B & E

89. Which three data types can be returned from an SOQL statement? (Choose three.)

- A. Boolean
- B. List of sObjects

- C. Single sObject
- D. Integer
- E. String

Correct Answer: B, C & D

90. he 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 Position_c record on a Visualforce page for a single Review_c record?

- A. Use the Standard Controller for Review_c and cross-object Formula Fields on the Position_c object to display Position_c data.
- B. Use the Standard Controller for Job_Application_c and a Controller Extension to query for Position_c data.
- C. Use the Standard Controller for Job_Application_c and cross-object Formula Fields on the Review_c object to display Position_c data.
- D. Use the Standard Controller for Review_c and expression syntax in the Page to display related Position_c data through the Job_Application_c object.

Correct Answer: C

91. Which action can a developer take to reduce the execution time of the following code?

```
List<Account> allAccounts = [SELECT Id FROM Account];
List<Contact> allContacts = [SELECT Id, AccountId FROM Contact];

for (Account a : allAccounts){
  for (Contact c: allContacts){
    if (c.AccountId = a.Id){
      // do work
    }
  }
}
```

- A. Put the Account loop inside the Contact loop.
- B. Create an Apex helper class for SOQL.
- C. Add a GROUP BY clause to the Contact SOQL.
- D. Use a Map<Id List<Contact> for allContacts.

Correct Answer: D

92. Given the code below, what can be done so that recordCount can be accessed by a test class, but not by a non-test class?

```
public class MyController {
    private Integer recordCount;
}
```

- A. Change recordCount from private to public.
- B. Add the SeeAllData annotation to the test class.
- C. Add the TestVisible annotation to recordCount.
- D. Add the TestVisible annotation to the MyController class.

Correct Answer: C

93. Which message is logged by the code below?

```
try{
    List<Id> idList;
    Account a;
    insert a;
    Id acctId = a.Id;
    idList.add( acctId );
}catch ( ListException le ){
    System.debug('List Exception');
}catch ( NullPointerException npe ){
    System.debug('NullPointer Exception');
}catch ( Exception e ){
    System.debug('Generic Exception');
}
```

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

Correct Answer: C

94. Which governor limit applies to all the code in an Apex transaction?

- A. Elapsed SOQL query time
- B. Number of classes called
- C. Number of new records created
- D. Elapsed CPU time

Correct Answer: D

95. An Apex transaction inserts 100 Account records and 2,000 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 false. The Contact and Opportunity records are inserted using the standalone insert statement.
How many total records will be committed to the database in this transaction?

- A. 2,000
- B. 2,100
- C. 0
- D. 100

Correct Answer: D

96. 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.
What can a developer implement to achieve this requirement without having to write custom code?

- A. Formula Field
- B. Workflow Rule
- C. Quick Action
- D. Roll-up Summary Field

Correct Answer: A

97. Which is a valid Apex assignment?

- A. Integer x=5*1.0;
- B. Integer x =5.0;
- C. Double x =5;
- D. Float x =5.0;

Correct Answer: C

98. The Account object has a custom Percent field, Rating, defined with a length of 2 with 0 decimal places. An Account record has the value of 50% in its Rating field and is processed in the Apex code below after being retrieved from the database with SOQL.

```
public void processAccount() {
    Decimal acctScore = acct.Rating__c * 100;
    ...
}
```

What is the value of acctScore after this code executes?

- A. 5
- B. 50
- C. 500
- D. 5000

Correct Answer: D

99. Which situation prevents a developer from setting sharing rules for a custom object?

- A. The objectג€™s Sharing Settings is set to Public Read/Write.
- B. The object is on the detail side of a Master-Detail relationship.
- C. The developer is not a System Administrator.
- D. The object is referenced in an Owner field of a Master-Detail relationship.

Correct Answer: D

100. 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?

- A. Text Area
- B. Text
- C. Text Area (Long)
- D. Text Area (Rich)

Correct Answer: A

101. A developer wants multiple test classes to use the same set of test data.
How should the developer create the test data?

- A. Reference a test utility class in each test class.
- B. Define variables for test records in each test class.
- C. Create a Test Setup method for each test class.
- D. Use the SeeAllData=true annotation in each test class.

Correct Answer: D

102. 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 two.)

- A. Use Schema.RecordTypeInfo returned by Opportunity.SObjectType.getDescribe().getRecordTypeInfos().
- B. Use Schema.PicklistEntry returned by Opportunity.SObjectType.getDescribe().getPicklistValues ().
- C. Use Schema.RecordTypeInfo returned by RecordType.SObjectType.getDescribe().getRecordTypeInfos().
- D. Use Schema.PicklistEntry returned by Opportunity.StageName.getDescribe().getPicklistValues ().

Correct Answer: A & B

103. In order to override a standard action with a Visualforce page, which attribute must be defined in the <apex:page> tag?

- A. pageReference
- B. override
- C. controller
- D. standardController

Correct Answer: D

104. Which feature allows a developer to create test records for use in test classes?

- A. Documents

- B. WebServiceTests
- C. HttpCalloutMocks
- D. Static Resources

Correct Answer: B

105.How many levels of child records can be returned in a single SOQL query from one parent object?

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

Correct Answer: A

106. Which two declarative process automation features can be directly invoked when a field value changes on a record? (Choose two.)

- A. Cloud Flow Designer flows
- B. Process Builder processes
- C. Validation rules
- D. Workflow rules

Correct Answer: B & D

107. How can a developer warn users of SOQL governor limit violations in a trigger?

- A. Use Messaging.SendEmail() to continue the transaction and send an alert to the user after the number of SOQL queries exceeds the limit.
- B. Use PageReference.setRedirect() to redirect the user to a custom Visualforce page before the number of SOQL queries exceeds the limit.
- C. Use Limits.getQueries() and display an error message before the number of SOQL queries exceeds the limit.
- D. Use ApexMessage.Message() to display an error message after the number of SOQL queries exceeds the limit.

Correct Answer: C

108. Which control statement should a developer use to ensure that a loop body executes at least once?

- A. for (init_stmt; exit_condition; increment_stmt) {ɔ€¦}
- B. do {ɔ€¦} while (condition)
- C. while (condition) {ɔ€¦}
- D. for (variable : list_or_set) {ɔ€¦}

Correct Answer: B

109. 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 getMyString() {
        return 'getMyString';
    }
    public String getStringMethod() {
        if (myString == null) {
            myString = 'b';
        }
        return myString;
    }
}

<apex:page controller="MyController">
    {!StringMethod}, {!myString}, {!myString}
</apex:page>
```
.

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

- A. a, b, b
- B. a, b, getMyString
- C. a, a, a
- D. b, a, getMyString

Correct Answer: C

An Account trigger updates all related Contacts and Cases each time an Account is saved using the following two DML statements: update allContacts; update allCases;
What is the result if the Case update exceeds the governor limit for maximum number of DML records?

- A. The Account save fails and no Contacts or Cases are updated.
- B. The Account save succeeds and no Contacts or Cases are updated.
- C. The Account save succeeds, Contacts are updated, but Cases are not.
- D. The Account save is retried using a smaller trigger batch size.

Correct Answer: A

111. A company has a custom object named Region. Each Account in Salesforce can only be related to one Region at a time, but this relationship is optional.
Which type of relationship should a developer use to relate an Account to a Region?

- A. Parent-Child
- B. Hierarchical
- C. Lookup
- D. Master-Detail

Correct Answer: C

112. Given the code below, which three statements can be used to create the controller variable? (Choose three.)

```
public class AccountListController {

    public List<Account> getAccounts() {
        return controller.getRecords();
    }
}
```

A.
```
ApexPages.StandardSetController controller =
new ApexPages.StandardSetController(Database.query('SELECT Id FROM Account'));
```

B.
```
ApexPages.StandardSetController controller =
new ApexPages.StandardSetController(Database.getQueryLocator('SELECT Id FROM Account'));
```

C.
```
ApexPages.StandardController controller =
new ApexPages.StandardController(Database.getQueryLocator('SELECT Id FROM ACCOUNT'));
```

D.
```
ApexPages.StandardController controller =
new ApexPages.StandardController([SELECT Id FROM Account]);
```

E.
```
ApexPages.StandardSetController controller =
new ApexPages.StandardSetController(Database.getQueryLocator([SELECT Id FROM Account]));
```

Correct Answer: A, D & E

113. How can a developer get all of the available record types for the current user on the Case object?

- A. Use DescribeSObjectResult of the Case object.
- B. Use SOQL to get all Cases.
- C. Use DescribeFieldResult of the Case.RecordType field.
- D. Use Case.getRecordTypes().

Correct Answer: C

114. 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?

- A. after delete
- B. after undelete
- C. before undelete

- D. before delete

Correct Answer: A

In which three areas can a Lightning component be used in the Lightning Experience? (Choose three.)

- A. Lightning Report page
- B. Lightning Connect page
- C. Lightning Record Page
- D. Lightning Community Page
- E. Lightning Home page

Correct Answer: C, D & E

116. What is the impact of declaring an Apex class using the `without sharing` keywords?

- A. Only records owned by the current user can be updated.
- B. Sharing restrictions for the current user are bypassed.
- C. Records created by the class cannot have sharing rules.
- D. The class can only be used by users with developer rights.

Correct Answer: B

117.Using DescribeSObjectResult, which Apex method can a developer use to determine if the current user can edit records for an object?

- A. canUpdate()
- B. canEdit()
- C. isUpdateable()
- D. isEditable()

Correct Answer: C

118. 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 do to successfully deploy?

- A. Select ג€Run local testsג€ to run all tests in the org that are not in the managed package.
- B. Select ג€Fast Deployג€ to run only the tests that are in the change set.
- C. Select ג€Run local testsג€ to run only the tests that are in the change set.
- D. Edit the managed packageג€™s unit test.

Correct Answer: A

119. 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 Page Layout Editor.

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

- A. standardController=)€Account)€
- B. extensions=)€AccountController)€
- C. controller=)€Account)€
- D. action=)€AccountId)€

Correct Answer: A

120.Candidates are reviewed by four separate reviewers and their comments and scores which range from 1 (lowest) to 5 (highest) are stored on a review record that is a detail record for a candidate.
What is the best way to indicate that a combined review score of 15 or better is required to recommend that the candidate come in for an interview?

- A. Use a Validation Rule on a total score field on the candidate record that prevents a recommended field from being true if the total score is less than 15.
- B. Use a Rollup Summary field to calculate the sum of the review scores, and store this in a total score field on the candidate.
- C. Use Visual Workflow to set a recommended field on the candidate whenever the cumulative review score is 15 or better.
- D. Use a Workflow Rule to calculate the sum of the review scores and send an email to the hiring manager when the total is 15 or better.

Correct Answer: D

121. A developer needs to find information about @future methods that were invoked. From which system monitoring feature can the developer see this information?

- A. Scheduled Jobs
- B. Apex Jobs
- C. Background Jobs
- D. Asynchronous Jobs

Correct Answer: B

122. 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 defaults and sharing settings for the running user in the Salesforce organization?

- A. An Apex trigger that invokes a helper method in this class
- B. A developer using the Developer Console that invokes a method in this class from the execute anonymous window

- C. A Visualforce page with an Apex controller that invokes a method in this class
- D. A user on an external system that has an API call into Salesforce that invokes a method in this class

Correct Answer: B

123. When a Task is created for a Contact, how can a developer prevent the task from being included on the Activity Timeline of the Contact's Account record?

- A. In Activity Setting, uncheck Roll up activities to a contactℷ€™s primary account.
- B. Create a Task trigger to set the Account field to NULL.
- C. Use Process Builder to create a process to set the Task Account field to blank.
- D. By default, tasks do not display on the Account Activity Timeline.

Correct Answer: A

124.What is a benefit of using a trigger framework?

- A. Reduces trigger execution time
- B. Allows functional code to be tested by a test class
- C. Increases trigger governor limits
- D. Simplifies addition of context-specific logic

Correct Answer: D

125. A developer needs to save a List of existing Account records named myAccounts to the database, but the records do not contain Salesforce Id values. Only the value of a custom text field configured as an External ID with an API name of Foreign_Key__c is known.
Which two statements enable the developer to save the records to the database without an Id?
(Choose two.)

- A. Upsert myAccounts Foreign_Key__c;
- B. Upsert myAccounts(Foreign_Key__c);
- C. Database.upsert (myAccounts, Foreign_Key__c);
- D. Database.upsert(myAccounts).Foreign_Key__c;

Correct Answer: A & C

126. Which standard field is required when creating a new Contact record?

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

Correct Answer: A

127. An org has a data model with a Buyer__c object that has a lookup relationship to Region__c and a Supplier__c object has a lookup relationship to Region___c.

How can a developer display data from the related Supplier__c records on a Visualforce page that has a standard controller for the Buyer__c object?

- A. Use rollup formula fields on the Buyer__c object to reference the related Supplier__c records through the Region__c.
- B. Use SOQL in a controller extension to query for related Supplier__c records.
- C. Use a second standard controller for the Region__c object on a page to display the related Supplier__c records.
- D. Use merge field syntax to retrieve the Supplier__c records related to the Buyer__c record through the Region__c.

Correct Answer: A

128. What can be used to delete components from production?

- A. A change set deployment with a destructiveChanges XML file
- B. A change set deployment with the delete option checked
- C. An ant migration tool deployment with a destructiveChanges XML file and an empty package.xml file
- D. An ant migration tool deployment with a desctuctiveChanges XML file and the components to delete in the package.xml file

Correct Answer: D

129. What are three techniques that a developer can use to invoke an anonymous block of code? (Choose three.)

- A. Use the SOAP API to make a call to execute anonymous code.
- B. Create a Visualforce page that uses a controller class that is declared without sharing.
- C. Run code using the Anonymous Apex feature of the Developerג€™s IDE.
- D. Type code into the Developer Console and execute it directly.
- E. Create and execute a test method that does not specify a runAs() call.

Correct Answer: A, C & D

130. Which declarative process automation feature supports iterating over multiple records?

- A. Workflow rules
- B. Flows
- C. Validation rules
- D. Approval processes

Correct Answer: B

131. An after trigger on the Account object performs a DML update operation on all of the child Opportunities of an Account. There are no active triggers on the
Opportunity object, yet a `maximum trigger depth exceeded` error occurs in certain situations.
Which two reasons possibly explain the Account trigger firing recursively? (Choose two.)

- A. Changes to Opportunities are causing cross-object workflow field updates to be made on the Account.
- B. Changes to Opportunities are causing roll-up summary fields to update on the Account.
- C. Changes are being made to the Account during an unrelated parallel save operation.
- D. Changes are being made to the Account during Criteria Based Sharing evaluation.

Correct Answer: A & B

132. Which statement is true about developing in a multi-tenant environment?

- A. Apex Sharing controls access to records from multiple tenants on the same instance.
- B. Org-level data security controls which users can see data from multiple tenants on the same instance.
- C. Governor limits prevent Apex from impacting the performance of multiple tenants on the same instance.
- D. Global Apex classes can be referenced from multiple tenants on the same instance.

Correct Answer: C

133. A developer needs an Apex method that can process Account or Contact records. Which method signature should the developer use?

- A. public void doWork(Account || Contact)
- B. public void doWork(Record theRecord)
- C. public void doWork(Account Contact)
- D. public void doWork(sObject theRecord)

Correct Answer: D

134. A developer needs to update an unrelated object when a record gets saved. Which two trigger types should the developer create? (Choose two.)

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

Correct Answer: B & C

135. Which three statements are true regarding trace flags? (Choose three.)

- A. Setting trace flags automatically cause debug logs to be generated.
- B. Logging levels override trace flags.
- C. Trace flags override logging levels.
- D. If active trace flags are not set, Apex tests execute with default logging levels.
- E. Trace flags can be set in the Developer Console, Setup, or using the Tooling API.

136. Which two conditions cause workflow rules to fire? (Choose two.)

- A. An Apex Batch process that changes field values.
- B. Updating records using the bulk API
- C. Converting leads to person accounts
- D. Changing the territory assignments of accounts and opportunities

137. A developer must create a ShippingCalculator class that cannot be instantiated and must include a working default implementation of a calculate method, that sub-classes can override. What is the correct implementation of the ShippingCalculator class?

A.

```
public abstract class ShippingCalculator {
    public abstract calculate() { /*implementation*/ }
```

B

```
public abstract class ShippingCalculator {
    public virtual void calculate() { /*implementation*/ }
```

C

```
public abstract class ShippingCalculator {
    public void calculate() { /*implementation*/ }
```

D

```
public abstract class ShippingCalculator {
    public override calculate() { /*implementation*/ }
```

138. 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? (Choose two.)

- A. The organization has a private sharing model for Certification__c. and Certification__c is the primary relationship in the Licensed_Professional__c object.

- B. The organization's sharing rules for Licensed_Professional__c have not finished their recalculation process.
- C. The organization recently modified the Sales Representative role to restrict Read/Write access to Licensed_Professional__c.
- D. The organization has a private sharing model for Certification__c, and Contact is the primary relationship in the Licensed_Professional__c object.

Correct Answer: A & B

139. 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?

- A. Declare maxAttempts as a private static variable on a helper class.
- B. Declare maxAttempts as a variable on a helper class.
- C. Declare maxAttempts as a member variable on the trigger definition.
- D. Declare maxAttempts as a constant using the static and final keywords.

Correct Answer: D

140. 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?

- A. Data Loader runs from the developer's browser.
- B. Data Loader automatically relates Opportunities to Accounts.
- C. Data Import Wizard does not support Opportunities.
- D. Data Import Wizard can not import all 500 records.

Correct Answer: C

141. Which Salesforce feature allows a developer to see when a user last logged in to Salesforce if real-time notification is not required?

- A. Event Monitoring Log
- B. Calendar Events
- C. Developer Log
- D. Asynchronous Data Capture Events

Correct Answer: A

142. A developer must write an Apex method that will be called from a Lightning component. The method may delete an Account stored in the accountRec variable. Which method should a developer use to ensure only users that should be able to delete Accounts can successfully perform deletions?

- A. Schema.sObjectType.Account.isDeletable()
- B. Account.isDeletable()
- C. accountRec.isDeletable()
- D. accountRec.sObjectType.isDeletable()

Correct Answer: A

143. 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? (Choose three.)

- A. Process Builder
- B. Escalation Rule
- C. Flow Builder
- D. Approval Process
- E. Workflow Rule

Correct Answer: A, D & E

144. Application Events follow the traditional publish-subscribe model. Which method is used to fire an event?

- A. registerEvent()
- B. fireEvent()
- C. emit()
- D. fire()

Correct Answer: D

145. 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.
Which approach should a developer take to ensure calculateBodyFat() is accessible outside the package namespace?

- A. Declare the class and method using the public access modifier.
- B. Declare the class as global and use the public access modifier on the method.
- C. Declare the class as public and use the global access modifier on the method.
- D. Declare the class and method using the global access modifier.

Correct Answer: D