**Platform Developer II - Questions**

1. Which object to query in apex when you programmatically want know users being followed using chatter?
2. Millions of leads need to be created daily by the partners in salesforce. What is the best solution?
3. What namespace to use when accessing chatter methods?
4. A class has been renamed in dev environment. How to deploy it in production?
5. There is a validation rule on Account. A workflow field update violates the validation rule. What will happen?
6. How to make a callout using SOAP?
7. A case is logged in a system that captures all the details necessary to create an Account. Once that case is approved by the Owner’s manager, an account record should automatically be created. What is the recommended approach?
8. Two factor authentication required between salesforce and an external system using client certificate in a RESTful integration. How to set it up in salesforce.
9. An object needs to be configured in salesforce that is in sync with external table. The object should ensure data integrity and quality. The records should be searchable and support real time integration. What should be considered for setting up the object?
   1. Create an external ID field
   2. Create a custom index field
   3. Create a unique field
   4. Make salesforce ID field and external id.
10. A page needs to be built that displays 1000s of data based on certain data filters provided by users on the UI. What design considerations to be taken into account?
11. A page needs to be built along with pagination to be used entirely on a mobile device. Performance is the key. It is highly unlikely that the users will navigate to next page. What solution do you propose?
12. A page needs to be built that implements pagination. The page size is 50 and total record count is less than 2000. This page is to be accessed via API. What solution do you recommend?
13. A developer needs to compile a list of IDs of all accounts and opportunities that contains “Acme” in the name field. How to write the query?
    1. FIND “\*ACME\*” IN Name fields on Account………
    2. SELECT ID………………….
14. Code snippets with associated questions on transaction control, governor limits and callouts.
15. There is a vf controller which queries all opportunities which have Stage value as “Closed”. There are currently 10,000 such records in the system. How should you write a test class for this controller?
    1. Use “seeAllData=true” and query
    2. Use “@testVisible” on the controller property
    3. Use “seeAllData=false” and create data
    4. ………………………………………………
16. What aura component do you use to display error message on the page?
17. How should you write a vf page that supports multi-lingual functionality? 2 options
    1. Use labels to display validation rule messages
    2. Use labels to display custom error message
    3. Use apex:pageMessages to support translation workbench
    4. Set the “Language” attribute of the VF page to whatever language you wish to work for.
18. How do you convert one currency into another currency type in apex?
19. How can you invoke apex class from a process? 2 options
20. What is the limitation of a getXXXX method (getAccount()) in a controller?
21. Questions around scheduled apex.
22. How can you implement code reuse in vf page? 3 options
    1. Use apex:actionSupport
    2. Use apex:actionRegion
    3. Use apex:template
    4. Use apex:define
    5. Use apex:insert
23. What does “transient” do to a variable in controller?
24. What all variables cannot be a part of view state?
    1. Transient variables
    2. Static variables
    3. Custom Class variables
    4. System generated variables like Schema Object Describe
25. What payload and format does a method containing “webservice” support in salesforce.
    1. REST/JSON
    2. REST/JSON, SOAP/XML
    3. REST/XML, SOAP/JSON
    4. SOAP/XML
26. A vf page makes callout to external system. The external system is very complex and it takes huge amount of time to return a response. This sometimes results in a timeout. How to mitigate this risk? 1 option
    1. Use setTimeout() to define a longer timeout in the HTTP callout.
    2. Use javascript callout.
    3. Use continuation object
    4. Use VF remoting
27. In a test class, how to create Pricebook, Product and PBE?
28. How load data in test class using static resource?
29. Inserting which two objects in a single transaction will not throw mixed DML error? 2 options
    1. Case and CaseComment
    2. Account and AccountShare
    3. Account and Group
    4. Case and User
30. Trigger ABC on Account( before insert, before update ) { Account a = trigger.New[0]; List<Contact> con = new List<Contact> ([SELECT Id, Salutation FROM Contact WHERE AccountId = a.Id]); for( Contact c : con) { c.Salutation = “Mr.”;} update con; } What’s wrong with the above code? 1 option.
    1. The code needs to be executed many times in order to update all contacts.
    2. The code fails because the list can be null for some cases.
    3. The code fails because the records in the list can be null for some cases.
    4. There’s nothing wrong. The code will update all the contacts for the 0th Account in the trigger list.
31. What is the value of “i” in the system.debug after code finishes. Assume that the value of “j” is 2 after code finishes. Account[] acc = new List<Account>{ new Account( Name = ‘A’ ), new account( Name = ‘B’ ) }; insert acc; Integer i=0;Integer j; for( List<Account> a : acc ) { j = a.size(); i++; } System.debug(‘\*\*\*\*\*\* I \*\*\*\*\*\*\*\*\*\*\* ’ + i);