Q1. What is the meaning of multiple inheritance?

Multiple inheritance is when a class is derived from more than one base class

Class baseclass1:

Class baseclass2:

Class derived(baseclass1, baseclass2)

Q2. What is the concept of delegation?

It is also called design pattern. When we have object x and want to change the behavior of just one of its method, we can create a new class that provides a new implementation of the method we are interested in changing and delegate all other methods to the corresponding method of x.

Q3. What is the concept of composition?

Composition is concept of combining multiple steps into one line of code or into a new function to contain them

Q4. What are bound methods and how do we use them?

It is one which is dependent on instance of class as the first argument. These methods passes the instance as the first argument which is used to access the variables and functions.

Class A:

Def func(self,arg):

Self.arg=arg

Obj=A()

#bound method

Print(obj.func)

Q5. What is the purpose of pseudoprivate attributes?

It is to localize a name to class that created it, and does not prevent access by code outside the class. It is used to avoid name space collisions in instances , not to restrict access to names in general.