Q1. What is the meaning of multiple inheritance?

Ans. When a class is derived from more than one base class it is called multiple Inheritance. The derived class inherits all the features of the base case.

Q2. What is the concept of delegation?

Ans. Let's say you have an object x and want to change the behaviour of just one of its methods. You can create a new class that provides a new implementation of the method you're interested in changing and delegates all other methods to the corresponding method of x. ,then the new class can use the attributes of the x class

Q3. What is the concept of composition?

Ans. Composition is a concept that models a has a relationship. It enables creating

complex types by combining objects of other types. This means that a class Composite can

contain an object of another class Component . This relationship means that a Composite

has a Component.

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

Ans. unction which is defined inside the class and take the instance of a class as its first argument is known as bound function. This is because it bounded by the class. It can only performs the operation by using the class object.

Q5. What is the purpose of pseudo private attributes?

Ans. Its just a way to localize a name to the class that created it, and does not prevent access by code outside the class. That is, this feature is mostly intended to avoid namespace collisions in instances, not to restrict access to names in general.