1. What is the concept of an abstract superclass?

Ans:

When we want to restrict the user from direct access of the data likewise done if created within class . We hide the data and allow it’s access through abstraction method implemented by it’s superclass.

2. What happens when a class statement's top level contains a basic assignment statement?

Ans:

3. Why does a class need to manually call a superclass's \_\_init\_\_ method?

Ans:

Class need to call manually \_\_init\_\_ method to initialize the object attributes every time object is created from the given class.

4. How can you augment, instead of completely replacing, an inherited method?

Ans:

By using message forwarding technique .

5. How is the local scope of a class different from that of a function?

Ans:

When we assign a value to some name inside the function it’s having local python scope vs when we assign value to name outside the class function then the name have global scope .