1. What is the concept of an abstract superclass?

A common superclass for many subclasses is called abstract superclass

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

It will simply assigns the values of that statement.

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

It is because a something needs to be defined which is not defined in the class.

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

We can do so by simply adding method to enhance its functionality. This will simply enhance the method with more functionality and it will not even replace the inherited method.

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

Local scope is different as the class has to perform the operations inside the class while if not defined locally, class can take global parameters.