1. What is the concept of an abstract superclass?

**Ans:**  abstract class is a class where one or more methods can be abstract, abstract methods generally have declaration only and not the definition. This type of classes generally provide a common template to subclasses, where they can write their own functionality for abstract methods.

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

**Ans:** that assignment variables are considered as attributes for a class.

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

**Ans:** so that all the attributes and methods can be used/called in subclass.

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

**Ans:** using super keyword call the parent class method and can augment functionality of method.

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

**Ans:** local scope of a class can be called via classname.variablename.