Q1. What is the purpose of Python's OOP?

Python's OOP is meant to make it easier and organize programming. It uses all of the classic modular concepts

like inheritance, polymorphism, abstraction, encapsulation etc. Classes and objects are its building blocks.

Q2. Where does an inheritance search look for an attribute?

Inheritance looks for an attribute in the current class, then the prent classes in a bottom to top,

left to right order.

Q3. How do you distinguish between a class object and an instance object?

The type of a class object will be of type 'type'. instance object will have type of the class.

Q4. What makes the first argument in a class’s method function special?

the first argument is the reference to the object from which the method is called.

Q5. What is the purpose of the \_\_init\_\_ method?

\_\_init\_\_ method is used to initialize variables during the creation of an object.

Q6. What is the process for creating a class instance?

A class instance is created by invoking class as a function and assigning the name of the

instance to that function call. Arguments need to be passes according to the \_\_init\_\_ method

definition in the class.

Q7. What is the process for creating a class?

class is created by executing class definition statement.

Q8. How would you define the super classes of a class?

Super class of a class is defined when a child class inherits from parent class.

Parent class becomes the super class of the child class.