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

**OOPS lets us create program with more reusability, less redundancy, easy to maintain.**

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

**From a parent class**

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

**Class is the blue print which hold attributes an methods. Instance are the entities of class which allows to perform methods of the class lets the class initialize the object's attributes and serves no other purpose**

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

**It is a pointer argument used to construct attributes**

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

**\_\_init\_\_ lets the class initialize the object's attributes and serves no other purpose**

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

**Object\_name = class\_name(\*args)**

Q7. What is the process for creating a class?

**Use Class keyword, initialize attributes if needed and define functions of the class**

Q8. How would you define the superclasses of a class?

**Superclass is parent class which holds all the attributes and methods of the child class**