Q1. What is the difference between \_\_getattr\_\_ and \_\_getattribute\_\_?

\_\_getattribute\_\_ is used to receive an attribute from an instance and \_\_getattr\_\_ is used when attribute is not found in the object.

Q2. What is the difference between properties and descriptors?

Descriptors are used to access the object’s attributes and properties are implemented using the descriptors.

Q3. What are the key differences in functionality between \_\_getattr\_\_ and \_\_getattribute\_\_, as well as properties and descriptors?

\_\_getattr\_\_ is used when we are not able to find the attribute in the object, it is used as the last resort while \_\_getattribute\_\_ is used when we want to get the attribute from an instance.

Descriptors is a low level mechanism that is used to access the object’s attributes/ features while the properties are high level mechanism that are build on top of the descriptors.