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

Ans: \_\_**getattr\_\_ can be used when you try to access the attribute which has not been declared. This method can create the attributes on the event of calling an arribute which doesn’t exist. The \_\_getattribute\_\_ is used when it gets invoked for every attribute whether it exists or not.**

Q2. What is the difference between properties and descriptors?

Ans:

**descriptors are a low-level mechanism that lets you hook into an object's attributes being accessed. Properties are a high-level application of this; that is, properties are implemented using descriptors. Or, better yet, properties are descriptors that are already provided for you in the standard library.**

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

Ans: **this has already been a nswered in the previous 2 questions.**