**1.What is a library ?**

**Ans.** A library is a tool that you can use to make a specific job . You just have to give some inputs and then the library will do the job for you and it will be turned into some outputs exactly what you are looking for.

**2.Numpy library ?**

**Ans.** This library is used for mathematical calculation.

**3. Matplotlib.pyplot library ?**

**Ans.** This library is used for ploting.

**4.Pandas library ?**

**Ans.** This library is used to import dataset and manage dataset.

**\*\*\* Object Oriented Programming related questions (5 – 8)**

**5.What is class ?**

**Ans.** A class is the model of something we want to build. For example, if we make a house construction plan that gathers the instructions on how to build a house, then this construction plan is the class.

**6.What is object ?**

**Ans.** An object is an instance of the class. So if we take that same example of the house construction plan, then an object is simply a house. A house (the object) that was built by following the instructions of the construction plan (the class).  
And therefore there can be many objects of the same class, because we can build many houses from the construction plan.

**7.What is method ?**

**Ans.** A method is a tool we can use on the object to complete a specific action. So in this same example, a tool can be to open the main door of the house if a guest is coming. A method can also be seen as a function that is applied onto the object, takes some inputs (that were defined in the class) and returns some output.