Ques 1 -

Ans - Deque in python its a module in collection . deque is preferred over a list in the cases where we need quickr append and pop operations from both the ends of the container.
queue is linear data structure , follows first in first out , orderly and sequential manner. It is helpful when you want to get things out of the lists in the order that you put in. for example - In railway reservation customer get services according to the time of booking if the customer is late then they get services late or there is a no service.

Ques 2 -

Ans - stack is also a liner data structure which works on a principal last in first out . This means the last element inserted in the stack is removed first.the simplest example of stack is like the undo function in browser which we visit recently we can undo.

Ques 3 -

Ans - sets are unordered collection of data items the store multiple items in a simple variable. Sets items are separated by comma, and enclosed within curly brackets. It is immutable. Sets only stores unique elements in data so there is efficient work where the duplicate value is not required .set are dynamic so there is no error of overflowing of the set.sets improves performance in various data analysis algorithms.

Ques 4 -

Ans - An array is special variable, which can hold more than one value at a time. An array can hold many values under a single name , and you can access the values by referring to an index number .array in python can be imported by array module in python . insert is used to insert value in the array. The advantage of array is it can hold multiple values in a single variable and also helps you reduce the overall size of the code.it saves time.

Ques 5 -

Ans - list is the ordered collection of data on the other hand dictionaries is unordered collection of data. List uses [] brackets and dictionary uses {} brackets.it can be access by index and dic is access by its keys. List allow duplication and dic does not allow duplication. They both have crucial impact on programming . list can store and data type but dic only store immutable data types. The sorting of list is more easy like ascending and descending operation because there are sequence but in dic there we cant do sorting because there are no sequence.