1. What is the use of l.remove(obj)?

It is used to remove element from the list. Object should be created for that element, then l.remove(obj) can be used.

Ex- String obj="for";

list.remove(obj);

2. Difference between add() and set() methods-

add()-

Add method id used to add or insert values in between list.

set()-

Set method is used to replace the data of a particular index from the list.

3. What is the use of map.entry class-

It is used to retrieve keys and values separately.

4. Difference between Hashmap and Hashtable-

Hashmap-

* + Null keyvalues are allowed
  + Map interfaces
  + Efficient than Hashtable as it is faster and uses less memory,

Hashtable-

* + Null key values are not allowed
  + Map interfaces
  + Not efficient than Hashtmap.

5. What is the logic of Hashset?

It is the implementation of set interface which does not allow duplicate values. When an object of Hashset is created, it will create an object of Hashmap. When an element is passed to set, it is added as a key in Hashmap in the add method. Now a value needs to be associated to the key.Java uses a dummy value called PRESENT in Hashset.

6. What is vector?

It is used to get a list iterator over elements in list in a proper sequence. It is used to remove specified element from vector. It can act as a list and queue both it implements list and dequeue interfaces.

7. Enqueue-

Adding an element at back of the queue is called Enqueue.

Dequeue-

Removing an element from front of the queue is called Dequeue.

8. Difference between Linked list and Vector-

Linked list-

* + It internally uses doubly linked list to store elements.
  + It is slow because it is synchronized.

Vector-

* + It doubles the array size if the total no of elements exceeds than its capacity.
  + It can act as a list and queue both it implements list and dequeuer interfaces.