1) What are the predefined functions in collection?

* addAll() – It is used to add all of the specified elements to the specified collection.
* copy()-It is used to copy all the elements from one list into another list.
* emptyList()-It is used to get a List that has no elements
* fill() - It is used to replace all of the elements of the specified list with the specified elements.
* list()-It is used to get an array list containing the elements returned by the specified enumeration in the order in which they are returned by the enumeration.
* max()-It is used to get the maximum value of the given collection, according to the natural ordering of its elements
* min() - It is used to get the minimum value of the given collection, according to the natural ordering of its elements.
* isEmpty() - To true if this collection contains no elements
* size() - To return the number of elements in the collection.

2)What are the underlying ds for linked list,arraylist in java

Ans- both implements List interface and maintains insertion order. Arraylist - ArrayList internally uses a dynamic array to store the elements. LinkedList- LinkedList internally uses a doubly linked list to store the elements.

3)Advantages and disadvantages of array list?

Adv -

* Can traverse in both direction
* ArrayList is variable length
* Add any type of data into ArrayList.
* ArrayList allows to add duplicate elements.
* mutable

Disadv-

* Holds only object types and not primitive type
* If a data entry is added to or removed from an array-based list, data needs to be shifted to update the list

4)What are iterators and cursors?

Ans- Iterator is an object that can be used to loop through collections, like ArrayList and HashSet.Cursor is an Iterator, which is used to iterate or traverse or retrieve a Collection or Stream object's elements one by one

5) What are the 10 owasp?

And- OWASP -Open Web Application Security Project

* Injection
* Broken Authentication
* Sensitive Data Exposure
* XML External Entities (XXE)
* Broken Access Control
* Security Misconfiguration
* Cross-Site Scripting (XSS)
* Insecure Deserialization
* Using components with known vulnerabilities
* Insufficient logging and monitoring

6)Can try be return catch in java?

Ans- Whenever try-block executes successfully, then it can always return value for this method from try-block. But if any exception is raised then it is NOT handled as there is no catch-block.

7)Can finally be return without try catch in java?

Ans- A finally block must be associated with a try block, you cannot use finally without a try block

8)Can catch be returned without try?

Ans- No, We can't have catch or finally clause without a try statement

9)Difference between comparable and comparator in java?

Ans -

* Comparable -Comparable provides a single sorting sequence
* Comparable provides compareTo() method to sort elements
* It is present in java.lang package
* We can sort the list elements of Comparable type by Collections.sort(List) method
* Comparator-The Comparator provides multiple sorting sequences
* Comparator provides compare() method to sort elements
* It is present in the java.util package
* We can sort the list elements of Comparator type by Collections.sort(List, Comparator) method