

# Java collection Quiz without Keys

**Time:20 mins**

**Instructions:**

**As mentioned earlier**

1.Which of these packages contain all the collection classes?

- a) java.lang
- b) java.util**
- c) java.net
- d) java.awt

2.Which of these classes is not part of Java's collection framework?

- a) Maps
- b) Array**
- c) Stack
- d) Queue

3.Which of this interface is not a part of Java's collection framework?

- a) List
- b) Set
- c) SortedMap
- d) SortedList**

4.Which of these methods deletes all the elements from invoking collection?

- a) clear()**
- b) reset()
- c) delete()
- d) refresh()

5.What is Collection in Java?

- a) A group of objects**
- b) A group of classes
- c) A group of interfaces
- d) None of the mentioned

6 What will be the output of the following Java program?

```
import java.util.*;  
class Array  
{  
    public static void main(String args[])
```

```

    {
        int array[] = new int [5];
        for (int i = 5; i > 0; i--)
            array[5-i] = i;
        Arrays.fill(array, 1, 4, 8);
        for (int i = 0; i < 5 ; i++)
            System.out.print(array[i]);
    }
}

```

a) 12885

**b) 12845**

c) 58881

d) 54881

7.What will be the output of the following Java program?

```

import java.util.*;
class Bitset
{
    public static void main(String args[])
    {
        BitSet obj = new BitSet(5);
        for (int i = 0; i < 5; ++i)
            obj.set(i);
        obj.clear(2);
        System.out.print(obj);
    }
}

```

**a) {0, 1, 3, 4}**

b) {0, 1, 2, 4}

c) {0, 1, 2, 3, 4}

d) {0, 0, 0, 3, 4}

8.Which of these return type of hasNext() method of an iterator?

a) Integer

b) Double

**c) Boolean**

d) Collections Object

9.Which of these methods is used to obtain an iterator to the start of collection?

a) start()

b) begin()

c) iteratorSet()

**d) iterator()**

10. Which of these methods can be used to move to next element in a collection?

- a) next()
- b) move()
- c) shuffle()
- d) hasNext()

11. Which of these iterators can be used only with List?

- a) SetIterator
- b) ListIterator
- c) Literator
- d) None of the mentioned

12. Which of these is a method of ListIterator used to obtain index of previous element?

- a) previous()
- b) previousIndex()
- c) back()
- d) goBack()

13. Which of these exceptions is thrown by remove() method?

- a) IOException
- b) SystemException
- c) ObjectNotFoundException
- d) IllegalStateException

14. What will be the output of the following Java program?

```
import java.util.*;
class Collection_iterators
{
    public static void main(String args[])
    {
        ListIterator a = list.listIterator(); // -1
        if(a.previousIndex() != -1)
            while(a.hasNext())
                System.out.print(a.next() + " ");
        else
            System.out.print("EMPTY");
    }
}
```

- a) 0
- b) 1
- c) -1
- d) EMPTY

15. What will be the output of the following Java program?

```

import java.util.*;
class Collection_iterators
{
    public static void main(String args[])
    {
        LinkedList list = new LinkedList();
        list.add(new Integer(2));
        list.add(new Integer(8));
        list.add(new Integer(5));
        list.add(new Integer(1));
        Iterator i = list.iterator(); // 2851
        Collections.reverse(list); // 1582
        while(i.hasNext())
            System.out.print(i.next() + " ");
    }
}

```

a) 2 8 5 1

b) 1 5 8 2

c) 2

d) 2 1 8 5

[View Answer](#)

16. What will be the output of the following Java program?

```

import java.util.*;
class Collection_iterators
{
    public static void main(String args[])
    {
        LinkedList list = new LinkedList();
        list.add(new Integer(2));
        list.add(new Integer(8));
        list.add(new Integer(5));
        list.add(new Integer(1));
        Iterator i = list.iterator();
        Collections.reverse(list);
        Collections.sort(list); // 1 2 5 8
        while(i.hasNext())
            System.out.print(i.next() + " ");
    }
}

```

a) 2 8 5 1

b) 1 5 8 2

c) 1 2 5 8

d) 2 1 8 5

17. What will be the output of the following Java program?

```
import java.util.*;
class Collection_iterators
{
    public static void main(String args[])
    {
        LinkedList list = new LinkedList();
        list.add(new Integer(2));
        list.add(new Integer(8));
        list.add(new Integer(5));
        list.add(new Integer(1));
        Iterator i = list.iterator();
        Collections.reverse(list);
        Collections.shuffle(list);
        i.next();
        i.remove();
        while(i.hasNext())
            System.out.print(i.next() + " ");
    }
}
```

a) 2 8 5

b) 2 1 8

c) 2 5 8

d) 8 5 1

18. What will be the output of the following Java program?

```
import java.util.*;
class Collection_iterators
{
    public static void main(String args[])
    {
        LinkedList list = new LinkedList();
        list.add(new Integer(2));
        list.add(new Integer(8));
        list.add(new Integer(5));
        list.add(new Integer(1));
        Iterator i = list.iterator();
        Collections.reverse(list);
        Collections.sort(list);
    }
}
```

```

        while(i.hasNext())
            System.out.print(i.next() + " ");
    }
}

```

a) 2 8 5 1  
b) 1 5 8 2  
**c) 1 2 5 8**  
d) 2 1 8 5

19. What is the difference between Queue and Stack?

- a) Stack is LIFO; Queue is FIFO**
- b) Queue is LIFO; Stack is FIFO
- c) Stack and Queue is FIFO
- d) Stack and Queue is LIFO

20. Which of these standard collection classes implements all the standard functions on list data structure?

- a) Array
- b) LinkedList**
- c) HashSet
- d) AbstractSet

21. What will be the output of the following Java program

```

import java.util.*;
class ArrayList
{
    public static void main(String args[])
    {
        ArrayList obj1 = new ArrayList();
        ArrayList obj2 = new ArrayList();
        obj1.add("A");
        obj1.add("B");
        obj2.add("A");
        obj2.add(1, "B");
        System.out.println(obj1.equals(obj2));
    }
}

```

- a) 0
- b) 1
- c) true
- d) false**

22. Which of the following methods is used to check if an element is present in a Collection in

Java?

- a) check()
- b) contains()
- c) isPresent()
- d) verify()

23. In Java, which collection class does not allow duplicate elements?

- a) ArrayList
- b) LinkedList
- c) HashSet
- d) TreeSet

24. Which method is used to add an element at a specific index in an ArrayList?

- a) addToIndex()
- b) addElementAt()
- c) addAt()
- d) add()

25. Which method is used to get the number of elements in a Set?

- a) getSize()
- b) elementsCount()
- c) size()
- d) length()