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Question: 1 which of the following are false about Collections and Collection ?

Your Answer: Collections is a special type of collection which holds Set of collections 

Correct Answer: Collections is a special type of collection which holds Set of collections

Description: None


Question: 2 How do you get immutable object of a collection ? For example if you were to write an API which return a List or a Set or a Map when a method is called, but you also want that you don't want the client of your API to add or delete any object in the returned collection ?

Your Answer: Use Collections.immutableCollection() method. 

Correct Answer: Use the Collections.unmodifiableXxxx() method with the collection as an argument, which returns an immutable object of specific type.

Description: None

Question: 3 Is HashMap synchronized?

Your Answer: No 

Correct Answer: No

Description: None

Question: 4 Which implementation of Set would you choose if the you want the iterator of set would give you objects in the order it were inserted ?


Your Answer: LinkedHashSet 

Correct Answer: LinkedHashSet

Description: None

Question: 5 What is the output of the following program ?

```
import java.util.HashMap;
import java.util.Map;
public class MapTest {
    public static void main(String aga[]){
        Map m= new HashMap();
        m.put(null, "Test");
        m.put(null,"Fest");
        System.out.println(m);
    }
}
```

Your Answer: {null=Test} 

Correct Answer: {null=Fest}

Description: None

Question: 6 If you were to store objects into an implementation of List which happens only once in the entire life cycle of the product, but reading these objects inside the List implementation is quite high, then which one would you use?

Your Answer: LinkedList 

Correct Answer: ArrayList

Description: None

Question: 7 Enumeration is an interface helps to iterate collection, but it can't remove any element the collection it is iterating

Your Answer: None ❌

Correct Answer: True

Description: None

Question: 8 If you were to use a List implementation, but not sure which one to, because the requirement is not yet clear. In this case which List implementation will you use ?

Your Answer: None ❌

Correct Answer: ArrayList

Description: None

Question: 9 Is Hashtable synchronized?

Your Answer: None ❌

Correct Answer: Yes

Description: None

Question: 10 What is the output of the following program ?
import java.util.HashSet;

```
class Animal {  
    public int i=12;  
  
    public Animal() {  
        i=13;  
    }  
    public String toString() {  
        return "Animal"+i;  
    }  
}  
  
public class Test {  
    public static void main(String [] args) throws Exception {  
        HashSet s= new HashSet();  
        s.add(new Animal());  
        s.add(new Animal());  
        for(Animal a : s){  
            System.out.println(a);  
        }  
    }  
}
```

Your Answer: None ❌

Correct Answer: Animal 13 Animal 13

Description: None


Question: 11 What is the data structure that a Set uses to store its elements ?

Your Answer: Map ✔️

Correct Answer: Map

Description: None


Question: 12 Which collection class allows you to grow or shrink its size and provides indexed access to its elements, but whose methods are not synchronized? (Choose all that apply.)

Your Answer: java.util.ArrayList 

Correct Answer: java.util.ArrayList

Description: None


Question: 13 TreeSet maintains which order?

Your Answer: Ascending Order 

Correct Answer: Ascending Order

Description: None


Question: 14 Set allows at most one null element ?

Your Answer: False 

Correct Answer: True

Description: None

Question: 15 Which of the following implementation will you use if you were to insert elements at any position in the collection ?

Your Answer: LinkedList 

Correct Answer: LinkedList

Description: None

Finish

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