

Q. No	Question	(Marks)
<b>UNIT – IV</b>		
1.	What is interface?	1
2.	Say True or False: A class that implements an interface must implement all the methods declared in the interface.	1
3.	What is the use of the clone() method?	1
4.	_____ class is the top of the class hierarchy tree.	1
5.	What is concrete class?	1
6.	What is marker interface?	1
7.	What is the difference between == and equals method?	1
8.	What is wrong with the below interface? And why? <pre>public interface Sample{ void print(){     System.out.println("In Print method"); } }</pre>	2
9.	Is the below interface a valid or not? And why? <pre>public interface Example { }</pre>	2
10.	What is marker interface? and what is the use of it?	2
11.	What is shallow and deep copy? Give an example for each	2
12.	Say True or False: Keyword abstract can be used with constructor, Initialization Block and Static Initialization block.	2
13.	Name two different ways to access a class available in the given package.	2
14.	What is hashCode method? And why is it used along with toString() method?	2
15.	Say True or False: i) In interface, method bodies exist only for default methods and static methods. ii) abstract class can have constructors and static methods. iii) interface cannot be instantiated.	3
16.	What is shallow and deep copy? Give an example for each.	3
17.	Name few built-in packages?	3
18.	List two differences between Composition and Inheritance.	4
19.	Explain overriding toString() method with an example program.	4
20.	Name 4 methods that are inherited from Object class.	4
21.	Difference between interface and abstract class.	6