**Candidate Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_**

**QUESTION PAPER FOR OCJP**

**Max Time: 60 Minutes Marks: 30**

**SECTION I (OOPS)**

1. **In order for a source code file, containing the public class Test, to successfully compile, which of the following must be true?**
2. **It must have a package statement**
3. **It must be named Test.java**
4. **It must import java.lang**
5. **It must declare a public class named Test**
6. **Which of the following declare an array of string objects?**
7. **String[ ] s;**
8. **String [ ]s:**
9. **String[ s]:**
10. **String s[ ]:**

**ANS:-**

1. **Casting between primitive types allows conversion of one primitive type to another.**
2. **True**
3. **False**
4. **Which of the following can be referenced by this variable?**
5. **The instance variables of a class only**
6. **The methods of a class only**
7. **The instance variables and methods of a class**
8. **The Constructors Data**
9. **The this reference is used in conjunction with \_\_\_methods.**
10. **static**
11. **non-static**
12. **Because finalize () belongs to the java.lang.Object class, it is present in all \_\_\_.**
13. **objects**
14. **classes**
15. **methods**
16. **Which are keywords in Java?**
17. **NULL**
18. **sizeof**
19. **friend**
20. **extends**
21. **synchronized**
22. **By default, all program import the java.lang package.**
23. **True**
24. **False**
25. **Can anonymous classes be implemented an interface?**
26. **Yes**
27. **No**
28. **Declaration of methods as final results in faster execution of the program?**
	1. **True**
	2. **False**
29. **Can we declare variable inside a method as final variables? Why?**

**Ans:**

1. **What is o/p of following prog.**

**class San**

**{**

 **public void m1 (int i,float f)**

 **{**

 **System.out.println(" int float method");**

 **}**

 **public void m1(float f,int i);**

 **{**

 **System.out.println("float int method");**

 **}**

 **public static void main(String[]args)**

 **{**

 **San s=new San();**

 **s.m1(20,20);**

 **}**

**}**

1. **int float method**
2. **float int method**
3. **compile time error**
4. **run time error**
5. **What is o/p of following code**

**class overload {**

 **int x;**

 **int y;**

 **void add(int a) {**

 **x = a + 1;**

 **}**

 **void add(int a, int b){**

 **x = a + 2;**

 **}**

 **}**

 **class Overload\_methods {**

 **public static void main(String args[])**

 **{**

 **overload obj = new overload();**

 **int a = 0;**

 **obj.add(6);**

 **System.out.println(obj.x);**

 **}**

 **}**

**Ans:-**

1. **A class member declared protected becomes member of subclass of which type?**
2. **public member**
3. **private member**
4. **protected member**
5. **static member**
6. **Which of these is correct way of inheriting class A by class B?**
7. **class B + class A {}**
8. **class B inherits class A {}**
9. **class B extends A {}**
10. **class B extends class A {}**

**SECTION II (I/O Package)**

1. **What is the output of the following program?**

**public class Question {**

**public static void main(String args[]) {**

**String s1 = "abc";**

**String s2 = "def";**

**String s3 = s1.concat(s2.toUpperCase( ) );**

**System.out.println(s1+s2+s3);**

**}**

**}**

**Ans:-**

1. **Which of the following methods are methods of the String class?**
2. **delete( )**
3. **append( )**
4. **reverse( )**
5. **replace( )**
6. **The File class contains a method that changes the current working directory.**
7. **True**
8. **False**
9. **The \_\_\_\_\_\_\_\_ method helps in clearing the buffer.(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)**
10. **How can you change the current working directory using an instance of the File class called FileName?**

**Ans:-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Standard output variable ‘out’ is defined in which class?**
2. **In**
3. **Class**
4. **Lang**
5. **System**
6. **Which of the following is method of System class is used to find how long a program takes to execute?**
7. **currenttime()**
8. **currentTime()**
9. **currentTimeMillis()**
10. **currenttimeMillis()**
11. **Which of these class is not a member class of java.io package?**
12. **String**
13. **StringReader**
14. **Writer**
15. **File**
16. **Which of these class is not related to input and output stream in terms of functioning?**
17. **File**
18. **Writer**
19. **InputStream**
20. **Reader**
21. **Which of these is method for testing whether the specified element is a file or a directory?**
22. **IsFile()**
23. **isFile()**
24. **Isfile()**
25. **isfile()**
26. **What is the output of this program?**

**import java.io.\*;**

 **class files {**

 **public static void main(String args[]) {**

 **File obj = new File("/java/system");**

 **System.out.print(obj.getName());**

 **}**

 **}**

1. **java**
2. **system**
3. **java/system**
4. **/java/system**
5. **Which of these classes is used for input and output operation when working with bytes?**
6. **InputStream**
7. **Reader**
8. **Writer**
9. **All of the mentioned**
10. **Which of these class is used to read and write bytes in a file?**
11. **FileReader**
12. **FileWriter**
13. **FileInputStream**
14. **InputStreamReader**
15. **Which of these method(s) is/are used for writing bytes to an outputstream?**
16. **put()**
17. **print() and write()**
18. **printf()**
19. **write() and read()**
20. **Which of these method of FileReader class is used to read characters from a file?**
21. **read()**
22. **scanf()**
23. **get()**
24. **getInteger()**