|  |  |
| --- | --- |
| Name |  |
| College Name |  |
| Specialization |  |
| Mobile Number |  |
| Permanent Address |  |
| Skills |  |
| Email |  |

Test 1 Marks:20

1. **WAP to determine if a string has all unique characters.**
2. **Write a Java Program to reverse a string without using String inbuilt function.**
3. **What will be the output of this program?**

public class MainClass

{

    static int i = 1;

    static

    {

        i = i-- + --i;

    }

    {

        i = i++ - ++i;

    }

    int methodOfTest()

    {

        return i + i - i \* i / i;

    }

    public static void main(String[] args)

    {

        System.out.println(new MainClass().methodOfTest());

    }

}

1. **Will this program run successfully without catch block?**

|  |  |
| --- | --- |
|  | public class Test  {      public static void main(String[] args)      {          try          {              System.out.println("This is try block");          }            finally          {              System.out.println("This is finally block");          }      }  } |

**5.What will be the output of the following program?**

|  |  |
| --- | --- |
|  | public class Test  {      void methodOfTest(int i)      {          System.out.println(1);      }        void methodOfTest(Integer I)      {          System.out.println(2);      }        void methodOfTest(Object o)      {          System.out.println(3);      }        public static void main(String[] args)      {          Test t = new Test();            t.methodOfTest(10);            t.methodOfTest(10.25);            t.methodOfTest(new Double("25.25"));      }  } |

1. **How do you access constant ‘THREE’ of enum ‘en’ in the below code?**

|  |  |
| --- | --- |
|  | class A  {      static class B      {          enum en          {              ONE, TWO, THREE;          }      }  } |

1. **What would the following Java coding snippet return as its output?**

class TestApp {

public static void main(String[] args) {

class Tutorial {

public String name;

public Tutorial(String tutorial) {

name = tutorial;

}

}

Object obj = new Tutorial("Java Quiz");

Tutorial tutorial = (Tutorial) obj;

System.out.println(tutorial.name);

}

}

**8.** [**How To Check The Equality Of Two Arrays In Java?**](https://javaconceptoftheday.com/how-to-check-the-equality-of-two-arrays-in-java/)

**9. What will be the output of this program?**

|  |  |
| --- | --- |
|  | public class Test  {      void method(int i)      {          System.out.println(1);      }        void method(Integer I)      {          System.out.println(2);      }        void method(Number N)      {          System.out.println(3);      }        void method(Object O)      {          System.out.println(4);      }        void method(double d)      {          System.out.println(5);      }        public static void main(String[] args)      {          Test t = new Test();            t.method(10.04f);            t.method(new Short("10"));            t.method("JAVA");            t.method(new Double(54.23));            t.method('J');      }  } |

**10.What will be the output of the below program?**

|  |  |
| --- | --- |
|  | class A  {      static String s = "AAA";        static      {          s = s + "BBB";      }        {          s = "AAABBB";      }  }    class B extends A  {      static      {          s = s + "BBBAAA";      }        {          System.out.println(s);      }  }    public class MainClass  {      public static void main(String[] args)      {          B b = new B();      }  } |