**U1.**

|  |
| --- |
| class Main {     public static void main(String args[]) {        try {           throw 10;}        catch(int e) {           System.out.println("Got the  Exception " + e);        }    }  } |

**(A)** Got the Exception 10  
**(B)** Got the Exception 0  
**(C)** **Compiler Error**

**U2.**

|  |
| --- |
| class Test extends Exception { }    class Main {     public static void main(String args[]) {        try {           throw new Test();        }        catch(Test t) {           System.out.println("Got the Test Exception");        }        finally {           System.out.println("Inside finally block ");        }    }  } |

**(A)**

**Got the Test Exception**

**Inside finally block**

**(B)**

Got the Test Exception

**(C)**

Inside finally block

**(D)** Compiler Error

**U3. Output of following Java program?**

|  |
| --- |
| class Main {     public static void main(String args[]) {        int x = 0;        int y = 10;        int z = y/x;    }  } |

**(A)** Compiler Error  
**(B)** Compiles and runs fine  
**(C)** **Compiles fine but throws ArithmeticException exception**

**U4.**

|  |
| --- |
| class Base extends Exception {}  class Derived extends Base  {}    public class Main {    public static void main(String args[]) {     // some other stuff     try {         // Some monitored code         throw new Derived();      }      catch(Base b)     {         System.out.println("Caught base class exception");      }      catch(Derived d)  {         System.out.println("Caught derived class exception");      }    }  } |

**(A)** Caught base class exception  
**(B)** Caught derived class exception  
**(C)** Compiler Error because derived is not throwable  
**(D)** **Compiler Error because base class exception is caught before derived class**

**U5.**

|  |
| --- |
| class Test  {      public static void main (String[] args)      {          try          {              int a = 0;              System.out.println ("a = " + a);              int b = 20 / a;              System.out.println ("b = " + b);          }            catch(ArithmeticException e)          {              System.out.println ("Divide by zero error");          }            finally          {              System.out.println ("inside the finally block");          }      }  } |

**(A)** Compile error  
**(B)** Divide by zero error  
**(C)a = 0**

**Divide by zero error**

**inside the finally block**

**(D)** a = 0  
**(E)** inside the finally block

**U6.**

|  |
| --- |
| class Test  {      public static void main(String[] args)      {          try          {              int a[]= {1, 2, 3, 4};              for (int i = 1; i <= 4; i++)              {                  System.out.println ("a[" + i + "]=" + a[i] + "\n");              }          }            catch (Exception e)          {              System.out.println ("error = " + e);          }            catch (ArrayIndexOutOfBoundsException e)          {              System.out.println ("ArrayIndexOutOfBoundsException");          }      }  } |

**(A)** **Compiler error** //catch exception I eleminon te gjitha exceptionat e tjere  
**(B)** Run time error  
**(C)** ArrayIndexOutOfBoundsException  
**(D)** Error Code is printed  
**(E)** Array is printed

**U7.**

|  |
| --- |
| class Test  {      String str = "a";        void A()      {          try          {              str +="b";              B();          }          catch (Exception e)          {              str += "c";          }      }        void B() throws Exception      {          try          {              str += "d";              C();          }          catch(Exception e)          {              throw new Exception();          }          finally          {              str += "e";          }            str += "f";        }        void C() throws Exception      {          throw new Exception();      }        void display()      {          System.out.println(str);      }        public static void main(String[] args)      {          Test object = new Test();          object.A();          object.display();      }    } |

**(A)** abdef  
**(B) abdec** //pasi pjesa pas **finaly** te metoda B nuk ekzekutohet  
**(C)** abdefc

**U8.**

|  |
| --- |
| class Test  {   int count = 0;     void A() throws Exception      {          try          {              count++;                try              {                  count++;                  try                  {                      count++;                      throw new Exception();                  }                  catch(Exception ex)                  {                      count++;                      throw new Exception();                  }             }              catch(Exception ex)              {                  count++;              }          }            catch(Exception ex)          {              count++;          }        }        void display()      {          System.out.println(count);      }        public static void main(String[] args) throws Exception      {          Test obj = new Test();          obj.A();          obj.display();      }  } |

**(A)** 4  
**(B) 5**  
**(C)** 6  
**(D)** Compilation error

**U9.**

|  |
| --- |
| public class Test  {      public static void main(String[] args)      {          try          {              System.out.printf("1");              int sum = 9 / 0;              System.out.printf("2");          }          catch(ArithmeticException e)          {              System.out.printf("3");          }          catch(Exception e)          {              System.out.printf("4");          }          finally          {              System.out.printf("5");          }      }  } |

a) 1325  
b) 1345  
c) 1342  
d) **135**