Attempt History

**Attempt**

**Time**

**Score**

**KEPT**

Attempt 2

25 minutes

28 out of 30

**LATEST**

Attempt 2

25 minutes

28 out of 30

Attempt 1

34 minutes

26 out of 30

Score for this attempt: **28** out of 30

Submitted Mar 15 at 6:59pm

This attempt took 25 minutes.

**Question 1**

**1 / 1 pts**

JDK Stands for

  Java Distribution Kit

**Correct!**

  Java Development Kit

  Java Domain Kit

  Java Design Kit

**Question 2**

**1 / 1 pts**

Java source file has an extension

  .class

**Correct!**

  .java

  .unknown

  .eclipse

**Question 3**

**1 / 1 pts**

Which of these statements would print the line "Hello World"?

  system.out.println("Hello World")

  system.out.println("Hello World");

**Correct!**

  System.out.println("Hello World");

  System.out.println("Hello World")

**Question 4**

**1 / 1 pts**

Syntax for main method

  public static void main(int[] args) {}

  public void main(String[] args) {}

**Correct!**

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

  public static main(String[] args) {}

**Question 5**

**1 / 1 pts**

What will be the output of the following program?

if( 1 > 2 )  
{  
System.out.println(" 1 is greater than 2");  
}  
else

{  
System.out.println(" 2 is greater than 1");  
}

  No output

  Compilation Error

**Correct!**

  2 is greater than 1

  1 is greater than 2

**Question 6**

**1 / 1 pts**

Which of the following statements is true.

1. for every 'if' there should be an 'else'.   
2. for every 'else' there should be an 'if'.   
3. 'if' block can exist without an 'else'   
4. 'if' condition can be used inside another 'if' condition.

**Correct!**

  Only 2, 3 and 4 are true

  Only 3 is true.

  All of the statements are true.

  Only 2 and 3 are true

**Question 7**

**1 / 1 pts**

What will be the output of the following program.

int day = 7;

switch(day)  
{  
case 1:  
System.out.println("Monday");  
case 2:  
System.out.println("Tuesday");  
case 3:  
System.out.println("Wednesday");  
case 4:  
System.out.println("Thursday");  
case 5:  
System.out.println("Friday");  
}

  Friday

**Correct!**

  No Output

  Compilation Error

  Sunday

**Question 8**

**0 / 1 pts**

What value is assigned to discount ?  
double discount;  
char code = 'C' ;

switch ( code )  
{  
case 'A':  
discount = 0.0;

case 'B':  
discount = 0.1;

case 'C':  
discount = 0.2;

default:  
discount = 0.3;  
}

**You Answered**

  none of the above

  0.1

**Correct Answer**

  0.3

  0.2

**Question 9**

**1 / 1 pts**

What will be the output of the following program.

char direction = 'N';  
char west = 'W';

switch(direction)  
{  
case 'N':  
System.out.println("North");  
break;  
case 'E':  
System.out.println("East");  
break;  
case west:  
System.out.println("West");  
break;  
case 'S':  
System.out.println("South");  
}

  North

**Correct!**

 Compilation Error - since variable 'west' can not be used as case label

  No Output

  Runtime error

**Question 10**

**1 / 1 pts**

What will be the output of the following program?  
  
boolean x = true;  
boolean y = false;  
if (x || y) {  
System.out.println(true);  
} else {  
System.out.println(false);  
}

  false

**Correct!**

  True

**Question 11**

**1 / 1 pts**

What will be the output of the following program?

boolean male = false;  
int age = 30;  
  
if( male ){  
     if( age < 20 ){  
         System.out.println("Boy");  
     } else {  
         System.out.println("Man");

    }  
}else {

      if( age < 20 ){  
          System.out.println("Girl");  
       }else  {  
          System.out.println("Woman");  
      }  
}

  Girl

  Man

**Correct!**

  Woman

  Boy

**Question 12**

**1 / 1 pts**

What will be the output of the following program?

float f = 75.0f;  
double d = 75.0;  
int i = 75;

if( f == d ) {  
   if( f == i ) {  
      System.out.println("f, d and i are equal");  
    } else {  
      System.out.println("f, d are equal but i is not equal");  
    }

} else {  
    System.out.println("f and d are not equal");  
}

  f and d are not equal

 Program does not compile since data types are different

**Correct!**

  f, d and i are equal

  f, d are equal but i is not equal

**Question 13**

**1 / 1 pts**

What will be the output of the following program?

public static void main(String[] args)  {  
   float fl = 5.3f;  
   if (fl == 5.3) {  
      System.out.println("Both are equal");  
   } else {  
      System.out.println("Both are not equal");  
   }  
}

  Compilation Error

**Correct!**

  Both are not equal

  Both are equal

  Run time error

**Question 14**

**1 / 1 pts**

What will be the output of the following program?

class PrintRelation {  
    public static void main(String args[]) {  
        int a = 7 \* 3 + 6 / 2 - 5;  
        int b = 21 - 8 + a % 3 \* 11;

            if(a < b) {  
                 System.out.println("A is less than B");  
             }

            if(a = b) {

                 System.out.println("A is equal to B");  
            }

           if(a > b) {  
                 System.out.println("A is greater than B");  
            }  
     }  
}

  A is greater than B

  A is less than B

  A is equal to B

**Correct!**

  Compilation Error

**Question 15**

**1 / 1 pts**

What will be the output of the following program?

class MyClass1 {

   public static void main(String s[]) {  
     boolean a, b, c;  
     a = b = c = true;

          if( !a || ( b && c ) ) {  
             System.out.println("If executed");  
          } else {  
             System.out.println("else executed");  
          }

    }  
}

**Correct!**

  If executed

  Run Time error

  Compilation Error

  else executed

**Question 16**

**1 / 1 pts**

Output of the program

for(int i=1; i<15; i=i+3) {

    System.out.print(i);

}

  15

**Correct!**

  1471013

  147101356

  14710156

**Question 17**

**1 / 1 pts**

What is the start point of the loop?  
for(int x=20; x<40; x=x+3)   {

   System.out.println(x);

}

  None of the above

  40

  3

**Correct!**

  20

**Question 18**

**1 / 1 pts**

What is the output?  
int x=1;

while(x<5) {

   x++;

   System.out.print(x);

}

  2346

**Correct!**

  2345

  1234

  None

**Question 19**

**1 / 1 pts**

What is the Output?

int m=2, total=0;

while(m<6) {

   total=total+m;

   m++;

}

System.out.print(total);

**Correct!**

  14

  20

  18

  16

**Question 20**

**1 / 1 pts**

What is the output of below program?

int z=2, sum=0;

while(z<9) {

   z++;

   sum=sum+z;

}

System.out.print(sum);

**Correct!**

  42

  44

  None of the above

  46

**Question 21**

**1 / 1 pts**

What is the output of below program

int x=1;

do{

   x++;

   System.out.print(x);

}while(x<5);

  run time error

  Compilation Error

  2346

**Correct!**

  2345

**Question 22**

**1 / 1 pts**

What is the output of the program?

int k=3, tot=0;

do{

   tot=tot+k;

   k++;

} while(k<11);

System.out.print(tot);

**Correct!**

  52

  Run time error

  54

  56

**Question 23**

**1 / 1 pts**

What is the output of the below program?

class ForSample  
{  
  
    public static void main(String s[])  
    {  
        for(int i = 0; i <= 5; i++ )  
        {  
            System.out.println("i = " + i );  
        }  
    }  
}

  i = 0 i = 1 i = 2 i = 3 i=5

  Compilation Error

  i = 0 i = 1 i = 2 i = 3 i = 4

**Correct!**

  i = 0 i = 1 i = 2 i = 3 i = 4 i = 5

**Question 24**

**1 / 1 pts**

What will be the output of the following program?

for(int i = 0; i <= 5; i++ ) {  
   System.out.println("i = " + i );  
}

System.out.println("i after the loop = " + i );

  i = 0 i = 1 i = 2 i = 3 i = 4 i = 5 i = 6

  i = 0 i = 1 i = 2 i = 3 i = 4 i = 5

**Correct!**

  Compilation Errors

  i = 0 i = 1 i = 2 i = 3 i = 4 i = 5 i after the loop = 6

**Question 25**

**1 / 1 pts**

What is y after the following for loop statement is executed?  
int y = 0;  
for (int i = 0; i < 10; ++i) {  
y += 1;  
}

  1

  11

**Correct!**

  10

  0

**Question 26**

**1 / 1 pts**

This type of loop is ideal in situations where the exact number of iterations is known.

  None of the above

  Do while

  While

**Correct!**

  For

**Question 27**

**1 / 1 pts**

The while loop and the do loop are equivalent in their expressive power; in other words, you can rewrite a while loop using a do loop, and vice versa.

**Correct!**

  True

  False

**Question 28**

**1 / 1 pts**

How many times will the following code print "Welcome to Java"?  
int count = 0;  
while (count++ < 10) {  
System.out.println("Welcome to Java");  
}

  Infinty

  11 times

  0 times

**Correct!**

  10 times

**Question 29**

**0 / 1 pts**

Which of the following is true regarding the continue statement in a  
for loop?

 continue transfers the control flow to the statement just before the for loop

 continue transfers the control flow to the initialization statement of the for loop.

**You Answered**

 continue transfers the control flow to the conditional statement of the for loop.

**Correct Answer**

 continue transfers the control flow to the update statement of the for loop.

**Question 30**

**1 / 1 pts**

What will be the output of the following program?

public class YZ {  
   public static void main(String args[]) {  
     int z = 0;  
     for (int y = 0; y >= z; ++y, z++) {  
         System.out.print(y + "~");  
         System.out.println(z);  
     }  
  }  
}

**Correct!**

  Goes to infinite loop

  Run Time Error

  Compilation Error

  0~0

Quiz Score: **28** out of 30