Q1.

Consider the following code snippet:

for(int i=INT1; i<INT2; i++)

{

System.out.println(i);

}

Where, INT1 and INT2 can be any two integers.

Which of the following will produce the same result?

Select 1 correct option.

a for(int i=INT1; i<INT2; System.out.println(++i));

b for(int i=INT1; i++<INT2; System.out.println(i));

c int i=INT1; while(i++<INT2) { System.out.println(i); }

d int i=INT1; do { System.out.println(i); }while(i++<INT2);

e None of these.

Q2.

What numbers will be printed by this program?

public class ForSwitch

{

public static void main(String args[])

{

char i;

LOOP: for (i=0;i<5;i++)

{

switch(i++)

{

case '0': System.out.println("A");

case 1: System.out.println("B"); break LOOP;

case 2: System.out.println("C"); break;

case 3: System.out.println("D"); break;

case 4: System.out.println("E");

case 'E' : System.out.println("F");

}

}

}

}

Select 2 correct options

a A

b B

c C

d E

e F

Q3.

What will be printed by the following code if it is run with command line: java TestClass --0.50 ?

(There are two minuses before 0.)

public class TestClass

{

public static int getSwitch(String str)

{

return (int) Math.round( Double.parseDouble(str.substring(1, str.length()-1)) );

}

public static void main(String args [])

{

switch(getSwitch(args[0]))

{

case 0 : System.out.println("Hello");

case 1 : System.out.println("World"); break;

default : System.out.println("Good Bye");

}

}

}

Select 1 correct option.

a Hello

b World

c Hello World

d Hello World Good Bye

e Good Bye

Q4.

public class BreakTest

{

public static void main(String[] args)

{

int i = 0, j = 5;

lab1 : for( ; ; i++)

{

for( ; ; --j) if( i >j ) break lab1;

}

System.out.println(" i ="+i+" , j = "+j);

}

}

What will it print?

Select 1 correct option.

a i = 1, j = -1

b i = 1, j = 4

c i = 0, j = 4

d i = 0, j = -1

e It will not compile.

Q5.

What will the following code print?

void crazyLoop()

{

int c = 0;

JACK: while (c < 8)

{

JILL: System.out.println(c);

if (c > 3) break JILL; else c++;

}

}

Select 1 correct option.

a It'll not compile.

Because break JILL; would be valid only if JILL is labeling a loop or a block. In this case, there is no loop/block for break JILL; to break.

b It'll throw an exception at runtime.

c It'll print numbers from 0 to 8

d It'll print numbers from 0 to 3

e It'll print numbers from 0 to 4

Q6.

What will the following program print?

int i=0, j=11;

do{

if(i > j) { break; }

j--;

}while( ++i < 5);

System.out.println(i+" "+j);

Select 1 correct option.

a 5 5

b 5 6

c 6 6

d 6 5

e 4 5

Q7. What will be printed by the following code if it is run with command line: java TestClass -0.50 ?

public class TestClass

{

public static double getSwitch(String str)

{

return Double.parseDouble(str.substring(1, str.length()-1) );

}

public static void main(String args [])

{

switch(getSwitch(args[0]))

{

case 0.0 : System.out.println("Hello");

case 1.0 : System.out.println("World"); break;

default : System.out.println("Good Bye");

}

}

}

Select 1 correct option.

a Hello

b World

c Hello World

d Hello World Good Bye

e None of the above.

Q8.

What is the result of executing the following code when the value of i is 5:

switch (i)

{

default:

case 1:

System.out.println(1);

case 0:

System.out.println(0);

case 2:

System.out.println(2);

break;

case 3:

System.out.println(3);

}

Select 1 correct option.

a It will print 1 0 2

b It will print 1 0 2 3

c It will print 1 0

d It will print 1

e Nothing will be printed.

Q9.

Which of these for statements are valid?

1. for (int i=5; i=0; i--) { }

2. int j=5;

for(int i=0, j+=5; i<j ; i++) { j--; }

3. int i, j;

for (j=10; i<j; j--) { i += 2; }

4. int i=10;

for ( ; i>0 ; i--) { }

5. for (int i=0, j=10; i<j; i++, --j) {;}

Select 1 correct option.

a 1, 2

b 3, 4

c 1, 5

d 4, 5

e 5

Q10.

What will the following code print?

class Test

{

public int luckyNumber(int seed)

{

if(seed > 10) return seed%10;

int x = 0;

try

{

if(seed%2 == 0) throw new Exception("No Even no.");

else return x;

}

catch(Exception e)

{

return 3;

}

finally

{

return 7;

}

}

public static void main(String args[])

{

int amount = 100, seed = 6;

switch( new Test().luckyNumber(6) )

{

case 3: amount = amount \* 2;

case 7: amount = amount \* 2;

case 6: amount = amount + amount;

default :

}

System.out.println(amount);

}

}

Select 1 correct option.

a It'll not compile.

b It'll throw an exception at runtime.

c It'll print 800

d It'll print 200

e It'll print 400

Q11.

Which of the following code snippets will compile fine?

Select 3 correct options

a while (false) { x=3; }

b if (false) { x=3; }

c do{ x = 3; } while(false);

In a do- while, the block is ALWAYS executed atleast once.

d for( int i = 0; i< 0; i++) x = 3;

Q12.

What will the following program print?

class LoopTest

{

public static void main(String args[])

{

int counter = 0;

outer: for(int i = 0; i < 3; i++)

middle: for(int j = 0; j < 3; j++)

inner: for(int k = 0; k < 3; k++)

{

if(k-j>0) break middle;

counter++;

}

System.out.println(counter);

}

}

Select 1 correct option.

a 2

b 3

c 6

d 7

e 9

Q13.

What will the following program print?

class Test

{

public static void main(String args[])

{

int c = 0;

boolean flag = true;

for(int i = 0; i < 3; i++)

{

while(flag)

{

c++;

if(i>c || c>5) flag = false;

}

}

System.out.println(c);

}

}

Select 1 correct option.

a 3

b 4

c 5

d 6

e 7

Q14.

What will the following program print?

class Test

{

public static void main(String args[])

{

int i=0, j=0;

X1: for(i = 0; i < 3; i++)

{

X2: for(j = 3; j > 0; j--)

{

if(i < j) continue X1;

else break X2;

}

}

System.out.println(i+" "+j);

}

}

Select 1 correct option.

a 0 3

b 0 2

c 3 0

d 3 3

e 2 2

Q15.

Which of the following constructs are valid....

1.

switch(5)

{

default :

}

2.

switch(5)

{

default : break;

}

3.switch(8);

4. int =0;

Switch(x)

{

}

Select 1 correct option.

a 1, 3

b 1, 2, 3

c All are valid.

d 3, 4

e 1, 2, 4.