1) public void foo( boolean a, boolean b)

{

if( a )

{

System.out.println("A"); /\* Line 5 \*/

}

else if(a && b) /\* Line 7 \*/

{

System.out.println( "A && B");

}

else /\* Line 11 \*/

{

if ( !b )

{

System.out.println( "notB") ;

}

else

{

System.out.println( "ELSE" ) ;

}

}

}

A. If a is true and b is true then the output is "A && B"

B. If a is true and b is false then the output is "notB"

**C. If a is false and b is true then the output is "ELSE"**

D. If a is false and b is false then the output is "ELSE"

2) switch(x)

{

default:

System.out.println("Hello");

}

Which two are acceptable types for x?

1. byte 2.long 3.char 4.float 5.Short 6.Long

**A. 1 , 3, 5** B. 2 ,3, 4 C.3 and 5 D. 4 and 6

3)public void test(int x)

{

int odd = 1;

if(odd) /\* Line 4 \*/

{

System.out.println("odd");

}

else

{

System.out.println("even");

}

}

Which statement is true?

**A. Compilation fails**.

B. "odd" will always be output.

C. "even" will always be output.

D. "odd" will be output for odd values of x, and "even" for even values.

4 )public class While

{

public void loop()

{

int x= 0;

while ( 1 ) /\* Line 6 \*/

{

System.out.print("x plus one is " + (x + 1)); /\* Line 8 \*/

}

}

}

Which statement is true?

A. There is a syntax error on line 1.

B. There are syntax errors on lines 1 and 6.

C. There are syntax errors on lines 1, 6, and 8.

**D. There is a syntax error on line 6.**

5) What will be the output of the program?

int i = l, j = -1;

switch (i)

{

case 0, 1: j = 1; /\* Line 4 \*/

case 2: j = 2;

default: j = 0;

}

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

A. j = -1 B. j = 0 C. j = 1 **D.Compilation fails.**

6) What will be the output of the program?

int i = 1, j = 10;

do

{

if(i > j)

{

break;

}

j--;

} while (++i < 5);

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

A. i = 6 and j = 5 B. i = 5 and j = 5

C. i = 6 and j = 4 **D. i = 5 and j = 6**

7) What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

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

{

switch (z)

{

case x: System.out.print("0 ");

case x-1: System.out.print("1 ");

case x-2: System.out.print("2 ");

}

}

}

}

A. 0 1 2 B. 0 1 2 1 2 2 C.2 1 0 1 0 0 **D. 2 1 2 0 1 2**

8) What will be the output of the program?

public class SwitchTest

{

public static void main(String[] args)

{

System.out.println("value =" + switchIt(4));

}

public static int switchIt(int x)

{

int j = 1;

switch (x)

{

case l: j++;

case 2: j++;

case 3: j++;

case 4: j++;

case 5: j++;

default: j++;

}

return j + x;

}

}

A. value = 2 B. value = 4 C. value = 6 **D. value = 8**

9) public class If2

{

static boolean b1, b2;

public static void main(String [] args)

{

int x = 0;

if ( !b1 ) /\* Line 7 \*/

{

if ( !b2 ) /\* Line 9 \*/

{

b1 = true;

x++;

if ( 5 > 6 )

{

x++;

}

if ( !b1 )

x = x + 10;

else if ( b2 = true ) /\* Line 19 \*/

x = x + 100;

else if ( b1 | b2 ) /\* Line 21 \*/

x = x + 1000;

}

}

System.out.println(x);

}

}

A. 0 B. 1 **C. 101** D. 111

10) What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

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

{

switch (z)

{

case y: System.out.print("0 "); /\* Line 11 \*/

case x-1: System.out.print("1 "); /\* Line 12 \*/

case x: System.out.print("2 "); /\* Line 13 \*/

} } } }

A. 0 1 2 B. 0 1 2 1 2 2 **C. Compilation fails at line 11.** D. Compilation fails at line 12.

11) What will be the output of the program?

public class If1

{

static boolean b;

public static void main(String [] args)

{

short hand = 42;

if ( hand < 50 && !b ) /\* Line 7 \*/

hand++;

if ( hand > 50 ); /\* Line 9 \*/

else if ( hand > 40 )

{

hand += 7;

hand++;

}

else

--hand;

System.out.println(hand);

}

}

A. 41 B. 42 C. 50 **D. 51**

12) What will be the output of the program?

public class Test

{

public static void main(String [] args)

{

int I = 1;

do while ( I < 1 )

System.out.print("I is " + I);

while ( I > 1 ) ;

}

}

A.I is 1 B. I is 1 I is 1 **C. No output is displayed** D. Compilation error

13) What will be the output of the program?

int x = l, y = 6;

while (y--)

{

x++;

}

System.out.println("x = " + x +" y = " + y);

A. x = 6 y = 0 B. x = 7 y = 0 C. x = 6 y = -1 **D. Compilation fails.**

14) What will be the output of the program?

int I = 0;

outer:

while (true)

{

I++;

inner:

for (int j = 0; j < 10; j++)

{

I += j;

if (j == 3)

continue inner;

break outer;

}

continue outer;

}

System.out.println(I);

**A. 1** B. 2 C. 3 D. 4

15) What will be the output of the program?

for (int i = 0; i < 4; i += 2)

{

System.out.print(i + " ");

}

System.out.println(i); /\* Line 5 \*/

1. 0 2 4 B. 0 2 4 5 C.0 1 2 3 4 **D. Compilation fails.**

16) What will be the output of the program?

int x = 3;

int y = 1;

if (x = y) /\* Line 3 \*/

{

System.out.println("x =" + x);

}

A. x = 1 B. x = 3 **C. Compilation fails**. D. The code runs with no output.

18) What will be the output of the program?

Float f = new Float("12");

switch (f)

{

case 12: System.out.println("Twelve");

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

default: System.out.println("Default");

}

1. Zero B.Twelve C. Default **D. Compilation fails**

19) What will be the output of the program?

int i = 0;

while(1)

{

if(i == 4)

{

break;

}

++i;

}

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

1. i = 0 B. i = 3 C. i = 4 **D. Compilation fails.**

20) What will be the output of the program?

public class Delta

{

static boolean foo(char c)

{

System.out.print(c);

return true;

}

public static void main( String[] argv )

{

int i = 0;

for (foo('A'); foo('B') && (i < 2); foo('C'))

{

i++;

foo('D');

}

}

}

**A. ABDCBDCB** B.ABCDABCD C. Compilation fails. D. An exception is thrown at runtime.

21) What will be the output of the program?

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

{

switch(i)

{

case 0: break;

case 1: System.out.print("one ");

case 2: System.out.print("two ");

case 3: System.out.print("three ");

}

}

System.out.println("done");

A. done B. one two done C. one two three done **D.one two three two three done**

22) What will be the output of the program?

public class Test

{

public static void main(String args[])

{

int i = 1, j = 0;

switch(i)

{

case 2: j += 6;

case 4: j += 1;

default: j += 2;

case 0: j += 4;

}

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

}

}

A. j = 0 B. j = 2 C. j = 4 **D. j = 6**

23) What will be the output of the program?

boolean bool = true;

if(bool = false) /\* Line 2 \*/

{

System.out.println("a");

}

else if(bool) /\* Line 6 \*/

{

System.out.println("b");

}

else if(!bool) /\* Line 10 \*/

{

System.out.println("c"); /\* Line 12 \*/

}

else

{

System.out.println("d");

}

A. a B. b **C. c** D. d

24) What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

for (int z=0; z < 4; z++)

{

switch (z)

{

case x: System.out.print("0 ");

default: System.out.print("def ");

case x-1: System.out.print("1 ");

break;

case x-2: System.out.print("2 ");

}

}

}

}

A. 0 def 1 B. 2 1 0 def 1 C. 2 1 0 def def **D.2 1 0 def 1 def 1**

25) What will be the output of the program?

int i = 0, j = 5;

tp: for (;;)

{

i++;

for (;;)

{

if(i > --j)

{

break tp;

}

}

}

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

**A. i = 1, j = 0** B. i = 1, j = 4 C. i = 3, j = 4 D. Compilation fails.

26) What will be the output of the program?

int I = 0;

label:

if (I < 2) {

System.out.print("I is " + I);

I++;

continue label;

}

1. I is 0 B. I is 0 I is 1 **C. Compilation fails**. D. None of the above