**JAVA BASIC - QUIZ #1**

15 questions - Duration: 45 minutes

**Question 1.** What will be the output of the program?

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

switch (i) {

case 0:

case 1:

System.out.print("one1 ");

case 2:

System.out.print("two2 ");

case 3:

System.out.print("three3 ");

}

}

System.out.println("done4");

A. one1 two2 three3 one1 two2 three3

B. one1 two2 three3

C. one1 two2 three3 done4

D. None of the above

**Question 2.** What will be the output of the program?

class Test {

public static void main(String[] args) {

int x = 300;

double y = 300.0;

boolean b = (x == y);

System.out.println(b);

}

}

A. true

B. false

C. Compilation fails

D. An exception is thrown at runtime

**Question 3.** What will be the output of the program?

int a = 10, b = 5;

while (b <10) {

a++;

b+ =b;

}

System.out.println("a= " + b+ " b = " + b);

A. a = 10 b = 0

B. a = 11 b = 10

C. a = 12 b = 5

D. None of the above

**Question 4.** Which of the following statements **are wrong** (about main method)?

A. static public void main(String[] thamSo) { }

B. static public main(String[] args) { }

C. public static void main (String[][] a) { }

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

**Question 5.** Consider the following code:

int i = 3, j = -2;

i += j;

j -= i;

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

What is the output?

1. 3, -2
2. 1, -1
3. 1, 5
4. None of the above

**Question 6.** Consider the following code

boolean x = false;

boolean y = !x;

System.out.print (!x || x==y);

System.out.print(x || x==y);

What is the output?

1. falsefalse
2. truefalse
3. falsetrue
4. truetrue

**Question 7.** Consider the following code

public static void main(String[] args) {

char i = 'b';

switch (i) {

case 'b': System.out.print("Bi "); break; // line 3

case 'a': System.out.print("Ai "); // line 4

case 'c': System.out.print("Ci"); // line 5

default: System.out.print("Not found "); // line 6

}

}

What is the output?

1. Compilation fails at line 3, line 4, line 5 and line 6
2. Bi
3. Not found
4. None of the above

**Question 8.** Consider the following code

boolean x = false;

boolean y = false || true;

System.out.print (x&&y || x==y);

System.out.print(x || y || x==y);

What is the output?

1. falsefalse
2. truefalse
3. falsetrue
4. truetrue

**Question 9.** Consider the following code:

int x = 10;

int y = 20;

int z = x + y % x / 2;

System.out.println(z);

What is the output?

1. 10
2. 11
3. 12
4. None of the above

**Question 10.** Consider the following code

int a, b;

a = 100;

b = (a == 200) ? 100 : 300;

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

What is the output?

1. b= 100
2. b= 200
3. b= 300
4. Compilation fails

**Question 11.** What will be the output of the program?

public class If1 {

public static void main(String[] args) {

short hand = 32;

if (hand < 60)

hand++;

if (hand > 60)

else if (hand > 90) {

hand += 7;

} else

--hand;

System.out.println(hand);

}

}

A. 32

B. 67

C. 97

D. 96

E. None of above

**Question 12.** What will be the output of the program?

int i = 1, j = -1;

switch (i){

case 0, 1: j = 1;

case 2: j = 2;

default: j = 0;

}

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

A. j = -1

B. j = 0

C. j = 1

D. Compilation fails.

**Question 13.** What will be the output of the program?

int x = 15;

int y = 1;

if (x = y) {

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

}

A. x = 1

B. x = 5

C. Compilation fails.

D. The code runs with no output.

**Question 14.** Which **are** valid **declarations** of a double?

A. double d = 100;

B. double d = 100.0;

C. double d = "100.0";

D. double d = 100.0d;

**Question 15.** What will be the output of the program?

public class EntryTest {

public static void main(String[] args) {

int value = 0;

boolean b1 = true;

boolean b2 = false, b;

b = (b1 | ((value++) == 0));

b = (b2 | ((value += 1) > 0));

System.out.print(value);

System.out.println(b);

}

}

A. 1true

B. 2true

C. 3false

D. 4false

E. None of above

**- THE END -**