**JAVA BASIC - QUIZ #2**

20 questions - Duration: 60 minutes

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

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

switch (i++) {

case 0:

break;

case 1:

System.out.print("one1 ");

case 2:

System.out.print("two2");

case 3:

System.out.print("three3 ");

}

}

System.out.println("done4");

A. done4

B. one1 two2 three3

C. one1 two2 three3 done4

D. one1 two2 three3 two2 three3 done4

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

class Test {

public static void main(String[] args) {

int x = 200;

double y = 200.1;

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--) {

a++;

}

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

A. a = 14 b = 0

B. a = 15 b = 0

C. a = 14 b = -1

D. None of the above

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

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

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 = 1, j = 2;

i += j;

j -= i;

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

What is the output?

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

**Question 6.** Consider the following code

for (int i = 1; i <= 10; i++) {

if (i > 6) {

continue;

}

System.out.print (i);

}

What is the output?

1. 78910
2. 678910
3. 123456
4. 1234567

**Question 7.** Consider the following code

public static void main(String[] args) {

char i = 'a';

switch (i) {

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

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

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

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

}

}

What is the output?

1. Compilation fails at line 3, line 4, line 5 and line 6
2. Ai
3. Not found
4. Ai Not found

**Question 8.** Consider the following code

boolean x = false && 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 = 1;

int y = 2;

int z = x + y % x / 2;

System.out.println(z);

What is the output?

1. 1
2. 2
3. 3
4. 4

**Question 10.** Consider the following code

boolean done = false;

long x = 2000;

while (!done) {

x = x / 10;

if (x < 10) {

done = true;

}

done = false;

}

System.out.println(x);

What is the output?

1. 0
2. 2000
3. 1
4. Infinite loop (Endless loop)

**Question 11.** Consider the following code

int a, b;

a = 100;

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

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

What is the output?

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

**Question 12.** Consider the following code

public static void main(String[] args) {

int n = 5;

for (int i = 1; i <= 5; i++) {

for (int j = 1; j <= 5; j++) {

if (i == 1 || i == n || j == n) {

System.out.print("\*");

} else {

System.out.print(" ");

}

}

System.out.println("");

}

}

What is the output?

1. \*\*\*\*\*

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1. \*\*\*\*\*

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1. \*\*\*\*\*

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1. \*\*\*\*\*

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1. None of above

**Question 13.** Consider the following code

int i = 10;

do {

i++;

System.*out*.print(i);

} while (i == i);

What is the output?

1. 11
2. 10
3. Nothing
4. Infinite loop (Endless loop)

**Question 14.** What will be the output of the program?

public class If1 {

static boolean b;

public static void main(String[] args) {

short hand = 32;

if (hand < 60 && !b)

hand++;

if (hand > 60)

else if (hand > 30) {

hand += 7;

hand++;

} else

--hand;

System.out.println(hand);

}

}

A. 31

B. 32

C. 60

D. 61

E. None of above

**Question 15.** 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 16.** What will be the output of the program?

int x = 5;

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 17.** Which is valid declaration of a float?

A. float f = 10F;

B. float f = 10.0;

C. float f = "10";

D. float f = 10.0d;

**Question 18.** Consider the following code

class EntryTest {

public static void main(String[] args) {

int i = 1, j = 3;

for (; (i < 3) && (j++ < 6); i++) {

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

}

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

}

}

What is the output?

1. 1 2 4 5 3 5
2. 1 4 2 5 3 5
3. 1 4 2 5 2 5
4. Compilation fails

**Question 19.** What will be the output of the program?

public class EntryTest {

static boolean b1, b2;

public static void main(String[] args) {

int x = 1;

if (!b1) {

if (!b2) {

b1 = true;

x++;

if (5 > 6) {

x++;

}

if (!b1)

x = x + 10;

else if (b2 = true)

x = x + 100;

else if (b1 | b2)

x = x + 1000;

}

}

System.out.println(x);

}

}

A. 0

B. 1

C. 102

D. 101

**Question 20.** 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 += 2) > 0));

System.out.println(value);

}

}

A. 1

B. 2

C. 3

D. 4

**- THE END -**