1. Which of the following are legal definitions for a java program to execute.

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

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

C public void main(String abc[]){ }

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

E static void main(String arguments[])

2

If a java program is executed as java Demo 12 23

What is the output of the following statements.

A System.out.println(args[1]); //23

B System.out.println(args[0]); // 12

C System.out.println(args[2]); // Runtime Error

D System.out.println(args.length); //2

3

Guess the output of the following.

public class Demo{

public static void main(String abc[])

{

int x;

System.out.println(x);

}

}

// compilation error because local variable not initialized

4

public class Demo{

static int x;

public static void main(String abc[])

{

System.out.println(x);

}

} // 0

5

public class Demo{

int x;

public static void main(String abc[])

{

System.out.println(x);

}

}

// compile error

6

Which of the following are legal declarations.

A **int** #num1=10;

b **int** $num1=12;

c **byte** b=100;

d **int** x=200;

e **byte** b1=x/2;

f **float** f1=x;

g **float** f1=4.56;

h **double** d1=0xff;

i **byte** b1=b/2;

b,c,d,f,h

7

What is the output of the following statements.

**int** b1=10;

**int** b2=15;

System.*out*.println(b1=b2); //15

System.*out*.println(b1==b2); //true

**if**(b1=b2) //error

System.*out*.println(“true”);

else

System.*out*.println(“false”);

8

Which of the following are legal array declarations.

A **int** a[3]={4,5,6,7}; // size not valid

B **int** b[]={7,8,9}; //valid

C **int** c[][]={{5,6},{7,8}}; //valid

D **int** c5[2][]={{5,6},{7,8}}; // not valid

9

What is the result:

public class Test {

public static void main(String [] args) {

signed int x = 10;

for (int y=0; y<5; y++, x--)

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

}

}

what is the result? (Choose one.)

A. 10 9 8 7 6

B. 9 8 7 6 5

C. Compilation fails

D. An exception is thrown at runtime

10

What is the result?

**char** ch=49;

System.*out*.println(ch);

**char** ch='1';

**int** ch1=ch;

System.*out*.println(ch1); //49

System.*out*.println((**char**)ch1); //1

11

**A for**(**int** i=0;i<5;i++)

System.*out*.println(i);

System.*out*.println(i); // error

B

**int** i;

**for**(i=0;i<5;i++)

System.*out*.println(i);

System.*out*.println(i);

// 0 1 2 3 4 5

12

Given the following,

1. public class While {

2. public void loop() {

3. int x= 0;

4. while ( 1 ) {

5. System.out.print("x plus one is " + (x + 1));

6. }

7. }

8. }

Which statement is true?

A. There is a syntax error on line 1.

B. There are syntax errors on lines 1 and 4.

C. There are syntax errors on lines 1, 4, and 5.

D. There is a syntax error on line 4.

E. There are syntax errors on lines 4 and 5.

F. There is a syntax error on line 5.

13

What is the numerical range of a char? (Choose one.)

A. –128 to 127

B. –(2 ^ 15) to (2 ^ 15) - 1

C. 0 to 32767

D. Platform dependent

E. 0 to 65535

14

Which four describe the correct default values for array elements of the types indicated?

(Choose four.)

A. int -> 0

B. String -> “null”

C. Dog -> null

D. char -> ‘\u0000’

E. float -> 0.0f

F. boolean -> true

15

1. public class X {

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

3. String names [] = new String[5];

4. for (int x=0; x < args.length; x++)

5. names[x] = args[x];

6. System.out.println(names[2]);

7. }

8. }

and the command line invocation is

java X a b

what is the result? (Choose one.)

A. names

B. null

C. Compilation fails

D. An exception is thrown at runtime