

Day2

11.Which one is a valid declaration of a boolean?

- A.boolean b1 = 0;
- B.boolean b2 = 'false';
- C.boolean b3 = false;
- D.boolean b4 = Boolean.false();
- E.boolean b5 = no;

12.Which three are valid declarations of a float?

- 1)float f1 = -343;
- 2)float f2 = 3.14;
- 3)float f3 = 0x12345;
- 4)float f4 = 42e7;
- 5)float f5 = 2001.0D;
- 6)float f6 = 2.81F;

A.1, 2, 4

B.2, 3, 5

C.1, 3, 6

D.2, 4, 6

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13.What is the numerical range of a char?

- A. -128 to 127
- B. -(215) to (215) - 1
- C. 0 to 32767
- D. 0 to 65535

14.If an expression contains double, int, float, long, then whole expression will promoted into which of these data types?

- a) long
- b) int
- c) double
- d) float

15.class char_increment

```
{  
    public static void main(String  
args[])  
{  
    char c1 = 'D';
```

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```
char c2 = 84;  
c2++;  
c1++;  
System.out.println(c1 + " " +  
c2);  
}  
}
```

a)E U b)U E
c)V E d)U F

16.class conversion

```
{  
    public static void main(String  
args[])  
    {  
        double a = 295.04;  
        int b = 300;  
        byte c = (byte) a;  
        byte d = (byte) b;  
        System.out.println(c + " " + d);  
    }  
}
```

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}

a) 38 43

b) 39 44

c) 295 300

d) 295.04 300

17. Which of these is long data type literal?

a) 0x99ffffL

b) ABCDEFG

c) 0x99ffffa

d) 99671246

18. Which of the following are legal lines of Java code?

1. int w = (int)888.8;

2. byte x = (byte)100L;

3. long y = (byte)100;

4. byte z = (byte)100L;

a) 1 and 2

b) 2 and 3

c) 3 and 4

d) All statements

are correct.

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```
19.class increment {  
    public static void main(String  
args[])  
    {  
        int g = 3;  
        System.out.print(++g * 8);  
    }  
}
```

- a) 25 b) 24
- c) 32 d) 33

20.Which of these coding types is used for data type characters in Java?

- a) ASCII b) ISO-LATIN-1
- c) UNICODE d) None of the
mentioned