

1. Which is a valid keyword in java?

- A. void B. string
C. Float D. unsigned

2. Which three are valid declarations of a char?

1. char c1 = 064770; 2.char c2 = 'face';
3. char c3 = 0xbeef; 4.char c4 = \u0022;
5. char c5 = '\iface'; 6.char c6 = '\uface';

- A. 1, 2, 4
B. 1, 3, 6
C. 3, 5
D. 5 only

3. 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;

4. 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

5. JVM is platform independent

- A. True
B. False

6. Is the following way of commenting correct in Java?

```
/*My Comment 1
/*My Comment 2*/
*/
```

- A. True
B. False

7. What are the pillars of OOPS concept?

- A. Abstraction, Inheritance, Encapsulation, Polymorphism
B. Atomicity, Inheritance, Encapsulation, Polymorphism
C. Abstraction, Inheritance, Polymorphism
D. None of the Above

8. _____ is a name given to a variable, class or method

- A. Constant
B. Reference
C. Identifier
D. Modifier

9. A _____ is a basic unit of storage in Java.

- A. Identifier
B. Variable
C. Constant

D. Memory

10. What is the default data type of a decimal number in Java?

- A. int
B. float
C. double
D. long

11. What would be the output of the following program?
class PrintDefaultValues

```
{
    static byte b;
    static short s;
    static int i;
    static long l;
    static float f;
    static double d;
    static char c;
    static boolean bl;
    public static void main(String[] args)
    {
        System.out.println("byte="+b+" short="+s+"
int="+i);
        System.out.println("long="+l+" float="+f+"
double="+d);
        System.out.println("char="+c+"boolean="+bl);
    }
}
```

- A. byte=0 short=0 int=0
long=0 float=0.0 double=0.0
char= boolean=false
B. byte=0 short=0 int=0
long=0 float=0.000000 double=0.000000
char= boolean=false
C. byte=0 short=0 int=0
long=0 float=0 double=0
char=null boolean=false
D. Compilation Error

12. What would be the output of the following program?
class A

```
{
    public static void main(String[] args)
    {
        System.out.println("Hello World!");
        int i=0;
        if (i=0)
        {
            System.out.println("i="+i);
        }
    }
}
```

```

}
}
A. Hello World!    B. Hello World!
   i=0
C. Compilation Error  D. None of the Above

```

13. What would be the output of the following program?

```

class B
{
    public static void main(String[] args)
    {
        int i;
        System.out.println("i value is:" +i);
    }
}

```

A. i value is:0
B. Compilation Error

14. What would be the output of the following program?

```

class C
{
    public static void main(String[] args)
    {
        byte b=128;
        System.out.println(b);
    }
}

```

A.128
B.-128
C. Compilation Error
D. None of the Above

15. What would be the output of the following program?

```

class D
{
    public static void main(String[] args)
    {
        byte b=127;
        System.out.println(b+1);
    }
}

```

A. 128
B. -127
C. Compilation Error
D. None of the Above

16. What is the output of the following program?

```

class E
{
    public static void main(String[] args)
    {

```

```

        int x;
        x=test();
        System.out.println("x="+x);
    }
    static int test()
    {
        System.out.println("Inside Test()");
    }
}

```

A. Inside Test()
x=0
B. Compilation Error
C. None of the Above

17. What is the output of the following program?

```

class F
{
    public static void main(String[] args)
    {
        int x;
        System.out.println("Begin Main");
        x=test();
        System.out.println("End Main");
    }
    static float test()
    {
        System.out.println("Inside Test()");
        return 10;
    }
}

```

A.10
B.10.0
C. Compilation Error
D. None of the Above

18. Can we initialize a variable like this?

```

class G
{
    public static void main(String[] args)
    {
        int i=test();
        System.out.println("i="+i);
    }
    static int test()
    {
        return 10;
    }
}

```

A. Yes
B. No