

1. Which of the following are valid main methods in java
 - A. public static void main(String... args)
 - B. public final static void main(String args[])
 - C. public final static void main(String... args)
 - D. public static void main(String[] args)
 - E. All of the above
2. JDK stands for
 - A. Java Development key B. Java Development Kernel
 - C. Java Development Kit D. None of the above
3. What is the command used to compile a .java file?
 - A. javap B. javac C. javacomp D. javacompile
4. Java is platform_____
 - A. Dependent B. Independent C. Can't Say D. None of these
5. _____ is responsible for loading .class files into memory.
 - A. java compiler B. Interpreter
 - C. javac command D. class loader of JVM
6. Compiling a java file generates a _____ file
 - A. .exe B. .java C. .class D. .bat
7. .class file contains _____
 - A. binary digits B. executable code C. Byte code D. None of these
8. What happens when java command is executed?
 - A. It executes the program by invoking main method
 - B. Starts runtime environment
 - C. Loads .class file into memory
 - D. Starts runtime environment, loads .class file and invokes main method
9. JAVA_HOME specifies the location where
 - A. Java can be installed B. Java can't be installed
 - C. JVM is installed D. Java is installed
10. Which of the following are valid declarations of class?

- A. class Demo
 - B. public class Demo
 - C. protected class Demo
 - D. private class Demo
11. Java programs can compile once and run anywhere due to which of these components?
- A. Java Compiler B. Java Interpreter C. Java Class Loader D. JVM
12. IDE stands for?
- A. Integrated Development Establishment B. Integrated Development Environment
 - C. Integrated Developer Environment D. Integrated Data Environment
13. Which of these are java IDEs?
- A. Notepad B. Eclipse C. Netbeans D. B and C
14. Complete the code snippet below, to print the output as **Welcome**?
- ```
public _____ void _____ (String args[]){
 System._____._____("Welcome"); }
```
- A. static, Main, out.println      B. static, main, out.println
  - C. static, main, out.print      D. B and C
15. What is the output of the following code snippet?
- ```
public class One{
    public static void main(String... args){
        System.out.println (7==7);
        System.out.println (3+8+" "+11);
    }
}
```
- A. 7 ==7
3+8 +11
 - B. true
3+8 11
 - C. true
11 11
 - D. true
22

16. What is the output of the following code snippet?

```
public class One{  
    public static void main(String... args){  
        System.out.println(19+1+" "+5);  
    }  
}
```

- A. 191 5 B. 20 5 C. 25 D. 205

17. What is the output of the following code snippet?

```
public class Demo{  
    public static void main(String... args){  
        if(true)  
            System.out.print("I");  
        else if(false)  
            System.out.print("AM");  
        if(1>0)  
            System.out.print("A BOY");  
        else  
            System.out.print("A GIRL");  
    }  
}
```

- A. I AM A BOY
B. I AM A GIRL
C. I A BOY
D. I A GIRL

18. public class Demo{

```
    public static void main(String... args){  
        System.out.println(args.length);  
    }  
}
```

What is the output by typing this at the command line: **java Demo one,two three four,five**

- A. 5

- B. 4
- C. 3
- D. 2

19. What is the output of the following code snippet?

```
public class Demo{  
    public static void main(String[] args){  
        for(int i=1;i<=10;i++){  
            if(i%2>=1 && i%2<2)  
                System.out.println(i);  
        }  
    }  
}
```

- A. 3 5 7 9
- B. 2 4 6 8
- C. 1 3 5 7 9
- D. 2 4 6 8 10

20. What is the output of the following code snippet?

```
public class Demo{  
    public static void main(String args[]){  
        int a=1;  
        int b=a;  
        a=2;  
        a=b+a+b;  
        System.out.println("a="+a+", "+"b="+b);  
    }  
}
```

- A. a=1, b=3
- B. a=2, b=1
- C. a=3, b=3
- D. a=3, b=1