1. . Which of the following are valid main methods in java (E)
   1. public static void main(String… args)
   2. public final static void main(String args[])
   3. public final static void main(String… args)
   4. public static void main(String[] args)
   5. All of the above
2. . JDK stands for ©
   1. Java Development key B. Java Development Kernel

C. Java Development Kit D. None of the above

1. . What is the command used to compile a .java file? (B)
   1. javap B. javac C. javacomp D. javacompile
2. . Java is platform\_\_\_\_\_\_\_\_\_\_\_ (B)
   1. Dependent B. Independent C. Can’t Say D. None of these

5. \_\_\_\_\_\_\_\_\_\_\_ is responsible for loading .class files into memory. (D)

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

1. .class file contains \_\_\_\_\_\_\_\_\_\_\_ (B)
   1. binary digits B. executable code C. Byte code D. None of these
2. What happens when java command is executed? (D)
   1. It executes the program by invoking main method
   2. Starts runtime environment
   3. Loads .class file into memory
   4. Starts runtime environment, loads .class file and invokes main method
3. JAVA\_HOME specifies the location where (D)
   1. Java can be installed B. Java can’t be installed

C. JVM is installed D. Java is installed

1. Which of the following are valid declarations of class? (A)
   1. class Demo
   2. public class Demo
   3. protected class Demo
   4. private class Demo
2. . Java programs can compile once and run anywhere due to which of these components? (A)
   1. Java Compiler B. Java Interpreter C. Java Class Loader D. JVM
3. . IDE stands for? (B)
   1. Integrated Development Establishment B. Integrated Development Environment

C. Integrated Developer Environment D. Integrated Data Environment

1. . Which of these are java IDEs? (A)
   1. Notepad B. Eclipse C. Netbeans D. B and C

14. Complete the code snippet below, to print the output as  **Welcome** ? (D)

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); ©

} }

1. 7 ==7

3+8 +11

1. true

3+8 11

1. true

11 11

1. true

22

16. What is the output of the following code snippet? (B)

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");

}

}

1. I AM A BOY
2. I AM A GIRL
3. I A BOY
4. 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**

1. 5
2. 4
3. 3
4. 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);

}

} ©

1. 3 5 7 9
2. 2 4 6 8
3. 1 3 5 7 9
4. 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);

}

} ©

1. a=1, b=3
2. a=2, b=1
3. a=3, b=3
4. a=3, b=1