What must a Java class definition contain in order to be able to run?

1.  a class name starting with a lowercase letter
2.  at least one expression that involves operators
3.  a main() function with a certain signature
4.  at least one variable definition
5.  a start() function
6.  no answer

****

What will be the values of *x*, *y* and *z* after executing the following piece of code?

int x = 2;  
int y = 2;  
int z = (((x++) + (++y)) >5 && ((++x)+y)<10)?1:0;

1.  x: 4, y: 3, z: 1
2.  x: 4, y: 4, z: 1
3.  x: 3, y: 3, z: 0
4.  x: 5, y: 5, z: 1
5.  x: 3, y: 4, z: 1
6.  x: 2, y: 2, z: 0
7.  no answer

Which of the following JDK utility programs is used to compile a Java source code file into bytecode?

1.  jar
2.  java
3.  javac
4.  javadoc
5.  no answer

What will happen when a Java programmer has successfully compiled a Java class named *Test* using the command line and then issues the following command?

java Test.class

Assume that the bytecode file resides in the current directory.

1.  an error will be displayed, because the *.class* extension should not have been specified as part of the command
2.  the class will successfully run
3.  an error will be displayed, because a class name shouldn't start with an uppercase letter
4.  an error will be displayed, because the file extension should be *.java* instead of *.class* when running a Java class
5.  no answer

Which of the following assignments will correctly compile? (choose two)

1.  char c = '\u0020';
2.  short s = 70000;
3.  float f = 1.2;
4.  boolean b = 0;
5.  long L = 12L;

Which of the following is the machine independent part used in the execution of a Java program?

1.  bytecode
2.  web browser
3.  JVM
4.  javac.exe
5.  no answer

What is the smallest Java data type that will correctly store the value 135?

1.  byte
2.  long
3.  short
4.  boolean
5.  float
6.  no answer

A Java class must be able to be executed. Which of the following elements are included in the signature of the function that must be inserted in the class definition? (choose three)

1.  public
2.  final
3.  static
4.  int
5.  private
6.  void

Which of the following are valid *char* literals? (choose two)

1.  '\u0x0045'
2.  '000E'
3.  '\u000E'
4.  'E'
5.  "\u000E"

The Java Virtual Machine (JVM) translates and executes code that is stored in which type of files?

1.  .class files
2.  .javac files
3.  .java files
4.  .code files
5.  no answer