Question 1:
Which of the following is NOT right for Java programming language?

1. Object oriented
2. **Platform dependent**
3. Garbage collected
4. Multi-threaded

Question 2:
How do you invoke a Java virtual machine in a window DOS window?

1. javac
2. jar
3. **java**
4. None of the above

Question 3:
What will java compiler NOT do?

1. Turn Java source code into Byte code
2. Create java class files
3. Check syntax errors in the source code
4. **Turn all your code into one archive file**

Question 4:
Why do you need to set up classpath in Java environment?

1. **So that the Java virtual machine can find the class files and byte codes to execute.**
2. So that the operating system can find the Java virtual machine to start
3. So that the operating system can find "javac" location
4. So that the operating system can find path environment variable.

Question 5:
Which of the following can be the starting method that the java virtual machine look for to execute a typical Java Program?

1. **public static void main(String[] asdf)**
2. public static void main()
3. public static void main(String args)
4. Any of the above.

Question 6:
What are the valid values of a java boolean?

1. number 1, 0
2. string "1", "0"
3. true, false
4. any of the above

Question 7:
What is the result of such program segment?

```java
int i = 4;
int j = 3;
double d = (double) (i/j);
System.out.println(d);
```

1. 1.33333333
2. 1.0
3. 1
4. none of the above

Question 8:
Do I have to write a main method in every class I create?

1. Yes
2. No

Question 9:
Which one will output the following result?
I like ECE122

1. System.out.println("I like");
   System.out.println("ECE122");
2. System.out.println("I like\tECE122");
3. System.out.println("I like\n");
   System.out.println("ECE122");
4. System.out.println("I like\nECE122"); (except for syntax error!)

Question 10:
Which of the answers is right?
boolean b = true;
int i = b;

1. There will be run time error.
2. **There will be compile time error.**
3. There is no error.
4. Uncertain, there may be an error. If there is an error, I can use try/catch exception handling to handle this error.