

Home Based Test 1

Name		Class	
Roll #		Instructor	
Date	01-Oct-2014	(Submission in Class)	

This is an open book home based test. You have another chance to increase your score in Principles of Programming Languages. Read all questions carefully and write down answers only with BLUE PEN.

1. How old is the Java programming language?

2. What company developed the Java programming language?

3. What is source code?

4. Where does the source code come from?

5. What kind of files contain Java source code?

6. What is bytecode?

7. Where does bytecode come from?

8. What kind of files contain Java bytecode?

9. What does “portable” mean in the context of computer programming?

10. How is Java bytecode different from other low-level computer languages?

11. What is the difference between a compiler and an interpreter?

12. What is a Java virtual machine?

13. What is an “application.”

14. What is a “developer.”

15. What is the Java API?

16. What is an IDE?

17. What is the JDK?

18. What is the JIT?

19. What is the JVM?

20. What is the difference between a C style comment and a C++ style comment?

21. What is a “stream” object?

22. What is an exception?

23. What does “case-sensitive” mean?

24. What are the differences between a variable and an object?

25. What are the eight Java primitive types?

26. What is a reference type?

27. What is integer overflow?

28. What are Java Applets?

29. What is Java Servlet?

30. Explain JAVA in a single line.