

<b>Multiple Choice</b>
<b>Introduction Topics</b>

01. A programming language is considered \_\_\_\_\_ if program source code created on one type of computer platform can execute on another computer platform without any difficulty.

- #### (A) platform dependent  
(B) platform independent  
(C) public platform  
(D) platform diving
- 

02. Programs start out as \_\_\_\_\_ written by a programmer in a somewhat human language, like Java.

- #### (A) source code  
(B) byte code  
(C) executable code  
(D) machine code  
(E) access code
- 

04. Java uses a compiler to translate *source code* into \_\_\_\_\_.

- #### (A) source code  
(B) byte code  
(C) executable code  
(D) machine code  
(E) access code
- 

05. Which of the following is like the intermediate language of *English* in the *United Nations* analogy?

- #### (A) source code  
(B) byte code  
(C) executable code  
(D) machine code  
(E) access code
- 

06. Bytecode is understood, and executed, by the \_\_\_\_\_.

- #### (A) assembler  
(B) compiler  
(C) JVM  
(D) text editor

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08. A Java program that is designed to execute inside a stand-alone environment is called what?

- (A) an applet
- ### (B) an application
- (C) a compiler
- (D) an interpreter

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09. Which of the following are basic Java tools.

- (A) IDE
  - (B) compiler
  - (C) interpreter
  - ### (D) All of the above
-

10. What type of software combines the 3 basic Java tools into one package?

- ### (A) IDE  
(B) JDK  
(C) JRE  
(D) JVM
- 

11. BlueJ is an example of a(n)

- ### (A) IDE  
(B) JDK  
(C) JRE  
(D) JVM
- 

12. What extension do Java source code files have?

- ### (A) .class  
(B) .java  
(C) .html  
(D) .exe  
(E) .rbt
- 

13. What extension do Java bytecode files have?

- ### (A) .class  
(B) .java  
(C) .html  
(D) .exe  
(E) .rbt
- 

14. What extension do most web page files have?

- ### (A) .class  
(B) .java  
(C) .html  
(D) .exe  
(E) .rbt
-

15. What does *IDE* stand for?

- (A) Internet Download Evaluation
  - (B) Internal Disk Erase
  - (C) Internal Development Environment
  - #### (D) Integrated Development Environment
- 

16. What does *JDK* stand for?

- (A) Java Download Kit
  - #### (B) Java Development Kit
  - (C) Java Development Knowledge
  - (D) Just Development Kit
- 

17. Which of the following is true about Java and the AP Computer Science Exam?

- (A) There are only a few available topics in Java, all of which you need to know.
  - (B) The number of topics available in Java is enormous, and you need to know every single one.
  - #### (C) The number of topics available in Java is enormous, and you need to know a subset of these.
  - (D) The number of topics available in Java is enormous, and you need to know a superset of these.
- 

18. Which symbol is the “escape sequence” for a *tab*?

- #### (A) /t
  - (B) /a
  - (C) /b
  - (D) /TAB
  - (E) /BACK SPACE
- 

19. Which symbol is the “escape sequence” for a *back space*?

- (A) /t
  - (B) /a
  - #### (C) /b
  - (D) /TAB
  - (E) /BACK SPACE
-

20. Java keywords are

- ### (A) case-sensitive.  
(B) not case-sensitive.  
(C) written in upper-case only.  
(D) written in lower-case only.
- 

21. Java program statements end with what punctuation?

- (A) period(.)  
(B) comma (,)   
(C) colon (:)  
### (D) semi-colon (;)
- 

22. If the program source code contains the statement: **public class Abacus** then what must be the name of the file?

- (A) abacus  
(B) Abacus  
(C) abacus.java  
### (D) Abacus.java  
(E) Abacus.html
- 

23. If a Java file is named **Babbage.java**, then what line must be in the source code?

- (A) public class babbage  
(B) public class babbage.java  
### (C) public class Babbage  
(D) public class Babbage.java
- 

24. If you compile a file called **Abacus.java** what file is created?

- (A) Abacus.exe  
(B) Abacus.doc  
### (C) Abacus.class  
(D) Abacus.html
-

25. A program with one or more compile errors

- (A) can compile, but the output execution will be wrong.
  - (B) can compile, but the output execution will be very slow.
  - ### (C) cannot compile, and as a consequence cannot execute.
  - (D) can compile, but will stop executing at the point of the compile error.
- 

26. The syntax (sentence structure) of the source code Java program must be \_\_\_\_\_ percent correct before the source code can be translate into a bytecode file.

- ### (A) 100
  - (B) 90
  - (C) 70
  - (D) 50
- 

27. Java program statements must be placed

- (A) anywhere in the program.
  - (B) at the beginning of the program only.
  - ### (C) between a set of braces.
  - (D) between a set of parentheses.
- 

31. Which of the following are Java reserved words?

- (A) public
  - (B) static
  - (C) void
  - (D) main
  - ### (E) All of the above
- 

34. Which symbol is used to create a *Single-Line Comment*?

- ### (A) //
- (B) \\
- (C) /\*
- (D) \*/

35. Which symbol is used to begin a *Multi-Line Comment*?

- (A) //
  - (B) \\
  - ### (C) /\*
  - (D) \*/
- 

36. Which symbol is used to end a *Multi-Line Comment*?

- (A) //
  - (B) \\
  - (C) /\*
  - ### (D) \*/
- 

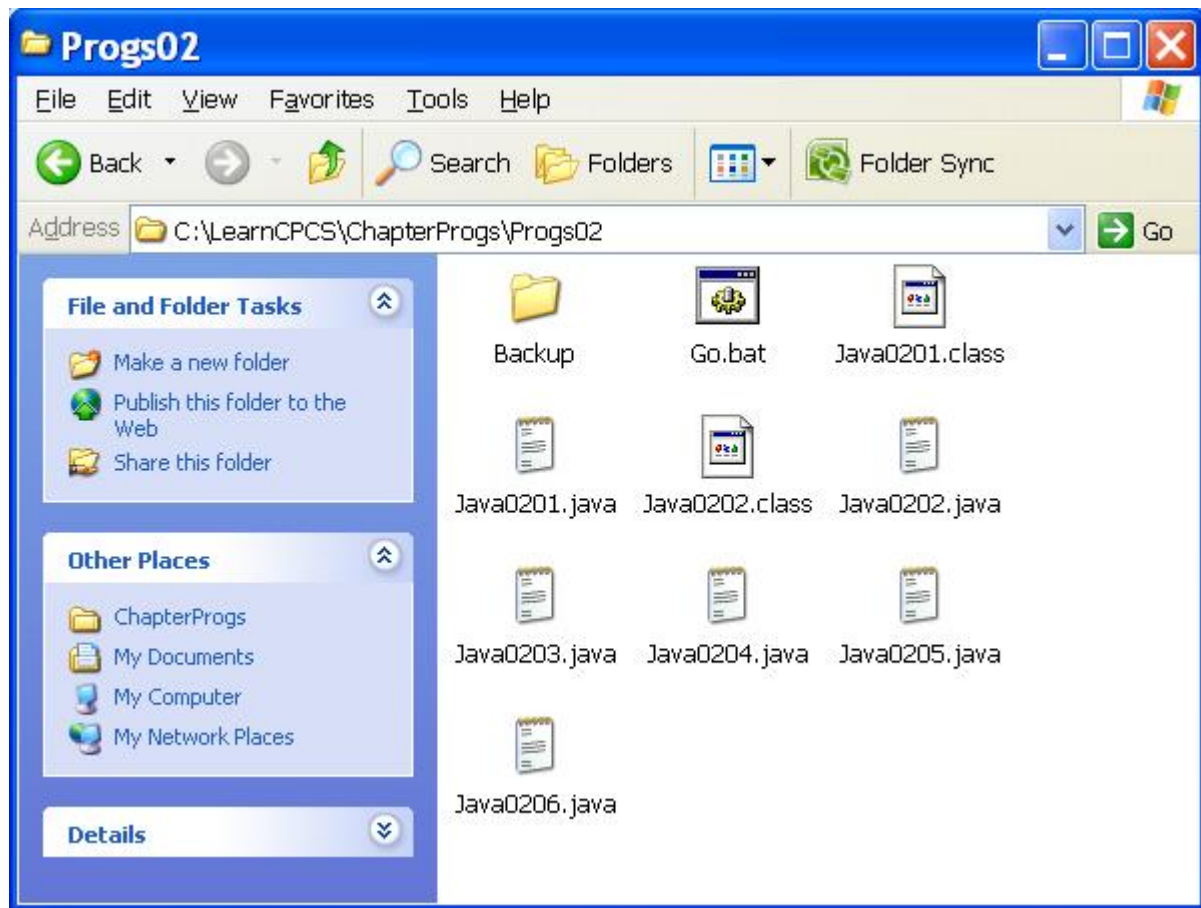
37. The **print** keyword

- (A) sends computer output to the printer.
  - ### (B) displays text output to the monitor without a carriage return.
  - (C) displays text output to the monitor with a carriage return.
  - (D) displays text that is entered at the keyboard to the monitor.
- 

38. The **println** keyword

- (A) sends computer output to the printer.
- (B) displays text output to the monitor without a carriage return.
- ### (C) displays text output to the monitor with a carriage return.
- (D) displays text that is entered at the keyboard to the monitor.

39. Look at this screen display. Which files have been compiled?



- (A) Java0201.java only  
(B) Java0202.java only  
(C) Java0203.html only  
### (D) Java0201.java & Java0202.java only  
(E) All of the java files have been compiled
- 

40. What is the output of this program segment?

**System.out.println("Computer Science");**

- ### (A) Computer Science (B) ComputerScience  
(C) Computer Science (D) Computer Science  
(E) No Output



41. What is the output of this program segment?

```
System.out.println("Computer");  
System.out.println("Science");
```

(A) Computer Science

(B) ComputerScience

### (C) Computer  
Science

(D) Computer  
Science

(E) No Output

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42. What is the output of this program segment?

```
System.out.print("Computer");  
System.out.print("Science");
```

(A) Computer Science

### (B) ComputerScience

(C) Computer  
Science

(D) Computer  
Science

(E) No Output

---

43. What is the output of this program segment?

```
// System.out.println("Computer");  
// System.out.println("Science");
```

(A) Computer Science

(B) ComputerScience

(C) Computer  
Science

(D) Computer  
Science

### (E) No Output

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44. What is the output of this program segment?

```
System.out.println("Computer");  
System.out.println( );  
System.out.println("Science");
```

(A) Computer Science

(B) ComputerScience

(C) Computer  
Science

### (D) Computer  
Science

(E) No Output

45. What is the output of this program segment?

```
System.out.print("The ");  
// System.out.print("quick ");  
System.out.print("brown ");  
System.out.print("fox ");  
System.out.print("jumps ");  
System.out.print("over ");  
System.out.print("the ");  
// System.out.print("lazy ");  
System.out.print("dog.");
```

(A) The quick brown fox jumps over the lazy dog.

#### (B) The brown fox jumps over the dog.

(C) The fox jumps over the dog.

(D) The quick brown fox jumps

(E) Compile Error

---

46. What is the output of this program segment?

```
System.out.print("The ");  
System.out.print("quick ");  
System.out.print("brown ");  
System.out.print("fox ");  
System.out.print("jumps ");  
/* System.out.print("over ");  
System.out.print("the ");  
System.out.print("lazy ");  
System.out.print("dog."); */
```

(A) The quick brown fox jumps over the lazy dog.

(B) The brown fox jumps over the dog.

(C) The fox jumps over the dog.

#### (D) The quick brown fox jumps

(E) Compile Error

47. What is the output of this program segment?

```
System.out.print("The ");  
/* System.out.print("quick ");  
System.out.print("brown "); */  
System.out.print("fox ");  
System.out.print("jumps ");  
System.out.print("over ");  
System.out.print("the ");  
// System.out.print("lazy ");  
System.out.print("dog.");
```

(A) The quick brown fox jumps over the lazy dog.

(B) The brown fox jumps over the dog.

### (C) The fox jumps over the dog.

(D) The quick brown fox jumps

(E) Compile Error

---

48. What is the output of this program segment?

```
System.out.println("The ");  
System.out.println("quick ");  
System.out.println("brown ");  
System.out.println("fox ");  
System.out.println("jumps ");  
System.out.println("over ");  
System.out.println("the ");  
// sistim.OWT.pWintLINE('incredibly "]  
System.out.println("lazy ");  
System.out.println("dog.");
```

### (A) The quick brown fox jumps over the lazy dog.

(B) The quick brown fox jumps over the incredibly lazy dog.

(C) incredibly

(D) No Output

(E) Compile Error