Multiple Choice Questions – Java Basics

**1. Who is known as the father of Java programming language?**

A) Dennis Ritchie  
B) James Gosling   
C) Bjarne Stroustrup  
D) Guido van Rossum

**2. In which year was Java first released?**

A) 1990  
B) 1991  
C) 1995   
D) 2000

**3. Java was originally developed by which company?**

A) Microsoft  
B) IBM  
C) Sun Microsystems   
D) Oracle

**4. Which of the following is *not* a feature of Java?**

A) Object-oriented  
B) Platform-independent  
C) Manual memory management   
D) Secure

**5. What does JVM stand for?**

A) Java Virtual Manager  
B) Java Verified Machine  
C) Java Virtual Machine   
D) Java Vendor Machine

**6. Which component of Java is responsible for converting bytecode into machine code?**

A) JDK  
B) JRE  
C) JVM   
D) Java Compiler

**7. What is the role of JRE in Java?**

A) Writing Java code  
B) Compiling Java programs  
C) Executing Java bytecode   
D) Debugging Java applications

**8. Which tool is included in the JDK but not in the JRE?**

A) Java Virtual Machine  
B) Java Class Libraries  
C) Java Compiler   
D) Bytecode Interpreter

**9. What is the primary function of the JDK?**

A) Only runs Java programs  
B) Only compiles Java code  
C) Provides tools to develop Java applications   
D) Optimizes the JVM

**10. Java code is compiled into an intermediate form called:**

A) Assembly code  
B) Machine code  
C) Bytecode   
D) Source code

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