

Q] Who created the Java programming language?

Choices]

- a) Bill Gates
- b) James Gosling
- c) Steve Jobs
- d) Larry Page

Ans] James Gosling

Q] In what year was Java created?

Choices]

- a) 1990
- b) 1985
- c) 1995
- d) 2000

Ans] 1995

Q] What was the original project name before Java?

Choices]

- a) Greentalk
- b) OAK
- c) RUBY
- d) SILK

Ans] OAK

Q] Java is a \_\_\_\_\_ programming language?

Choices]

- a) Low-level
- b) High-level
- c) Machine-level
- d) Assembly-level

Ans] High-level

Q] What makes Java platform independent?

Choices]

- a) Its ability to compile directly to machine code
- b) Its compilation into byte code
- c) Its interpreted nature
- d) Its object-oriented design

Ans] Its compilation into byte code

Q] Which of these is NOT a type of Java application?

Choices]

- a) Web Application
- b) Mobile Application
- c) Cloud Application
- d) Standalone Application

Ans] Cloud Application

Q] What does JVM stand for?

Choices]

- a) Java Virtual Machine
- b) Java Visual Mechanism
- c) Java Vertical Module
- d) Java Vendor Management

Ans] Java Virtual Machine

Q] What is the purpose of JRE?

Choices]

- a) To develop Java applications
- b) To provide runtime environment and libraries
- c) To convert byte code to machine code
- d) To manage system variables

Ans] To provide runtime environment and libraries

Q] Which of these is a primitive data type in Java?

Choices]

- a) String
- b) Array
- c) char
- d) Object

Ans] char

Q] What is the size of a boolean data type?

Choices]

- a) 1 byte
- b) 2 bytes
- c) 4 bytes
- d) 1 bit

Ans] 1 bit

Q] What is the range of byte data type?

Choices]

- a) -256 to 255
- b) -128 to 127
- c) -32768 to 32767
- d) -2,147,483,648 to 2,147,483,647

Ans] -128 to 127

Q] How many JDK editions does Oracle provide?

Choices]

- a) 2
- b) 3
- c) 4
- d) 5

Ans] 3

Q] What is required for each Java file to execute?

Choices]

- a) A class definition

- b) A main method
- c) A package declaration
- d) A comment

Ans] A main method

Q] How do you write a single-line comment in Java?

Choices]

- a) #
- b) -
- c) //
- d) /\* \*/

Ans] //

Q] What does the 'float' data type primarily deal with?

Choices]

- a) Whole numbers
- b) Boolean values
- c) Characters
- d) Decimal numbers

Ans] Decimal numbers

Q] What is the size of a 'long' data type?

Choices]

- a) 4 bytes
- b) 2 bytes
- c) 8 bytes
- d) 1 byte

Ans] 8 bytes

Q] In Java, everything is considered a \_\_\_\_\_?

Choices]

- a) Function
- b) Object

c) Variable

d) Method

Ans] Object

Q] What makes Java a secured language?

Choices]

a) It prevents all possible errors

b) It can design secured software systems

c) It has no vulnerabilities

d) It encrypts all data

Ans] It can design secured software systems

Q] What does 'Architecture Neutral' mean in Java?

Choices]

a) Java works on all computers

b) Primitive type sizes are fixed

c) Java can run on any browser

d) Java is platform independent

Ans] Primitive type sizes are fixed

Q] Which feature allows Java applications to run on multiple computers simultaneously?

Choices]

a) Multi-thread

b) Distributed

c) Dynamic

d) High-performance

Ans] Distributed

Q] What compiler does Java use for high performance?

Choices]

a) AOT Compiler

b) C++ Compiler

c) Just-In-Time Compiler

d) Interpreted Compiler

Ans] Just-In-Time Compiler

Q] What was the original intention behind creating Java?

Choices]

a) Creating a web programming language

b) Designing a language for the television industry

c) Building mobile applications

d) Creating enterprise software

Ans] Designing a language for the television industry

Q] What makes Java portable?

Choices]

a) It can only run on specific hardware

b) It is not fixated to a single hardware machine

c) It requires special hardware

d) It needs constant updates

Ans] It is not fixated to a single hardware machine

Q] What is the recommended decimal number type for saving memory?

Choices]

a) Double

b) Long

c) Float

d) Int

Ans] Float

Q] How is Java an interpreted language?

Choices]

a) It does not compile at all

b) It converts high-level program statements to Assembly Level Language

c) It only runs on interpreters

d) It bypasses compilation

Ans] It bypasses compilation