

Unit-1

- 1) What is JAVA? And Write down features of JAVA.
- 2) Explain Basic concept of OOPS in detail.
- 3) Write down difference between C v/s JAVA and C++ v/s JAVA.
- 4) What is JDK? Explain Tools with description.
- 5) Explain JAVA program structure.
- 6) Explain Tokens in JAVA.
- 7) Explain Datatypes in JAVA.
- 8) What is Command-line Argument? Explain with example.
- 9) Explain Typecasting in JAVA.
- 10) Explain selection statement in JAVA.
- 11) Explain Iteration statement in JAVA.
- 12) Explain Jump statement in JAVA.
- 13) Explain Array.

Unit-2

- 1) Explain Class and Object in detail.
- 2) Explain Method Overloading.
- 3) Explain Static Members.
- 4) Explain Nesting of Methods.
- 5) Explain Constructors.
- 6) Explain Constructor Overloading.
- 7) Explain Inheritance.
- 8) Explain Multilevel Inheritance with example.
- 9) Explain Hierarchical Inheritance with example.
- 10) Explain Method Overriding.
- 11) Explain Final Variables, Method & Classes.
- 12) Explain Abstract Method & Classes.
- 13) Explain Access Modifier or Visibility Control in detail.

Unit-3

- 1) Explain Interface & Write down difference between Class and Interface.
- 2) Explain Multiple Inheritance with example.
- 3) Explain JAVA API packages.
- 4) How to create and access a package?
- 5) Explain Multithreading.
- 6) Write down difference between Multithreading and Multitasking.
- 7) Explain Stopping & Blocking a thread.
- 8) Explain Life Cycle of a thread.
- 9) What is Thread Priorities? How to set? Explain with example.

Unit-4

- 1) Explain exception in detail.
- 2) How to handle exception in JAVA?
- 3) Explain Applet, Local Applet & Remote Applet.
- 4) Explain life cycle of Applet.
- 5) Explain Applet tag with example.
- 6) Write down steps to create Applet and explain with example.
- 7) Explain Graphics class.
- 8) Write down small program to use of graphics class.