

Java – MCA 2nd Internal Important Questions

1. What is Inheritance? Discuss different **Inheritance Hierarchies**. (10)
2. Explain the usage of **final** keyword with suitable example. (8)
3. Explain the usage of **super** keyword with suitable example. (8)
4. What is method **overloading** and method **overriding**. Illustrate with a suitable example. (10)
5. Explain the significance of the **Object** class in Java and Explain any 5 methods of Object class with proper syntax and example. (10)
6. Explain **abstract class** and **methods** with an example. (10)
7. Write a short note on **static** keyword. (4)
8. Explain **method overloading** and **Constructor Overloading** with suitable examples. (10)
9. Explain the following:
 - a. **final**
 - b. **abstract**
10. What is **Method Overriding**? Explain how it allows Java to support **Run-Time Polymorphism** with an example. (10)

Note: To write the Assignment consider Question No – 1, 2, 3, 4, 5, 6, 7, 10