Java Assignment Test Questions

1. Explain different Java Designing Goals .
2. Write Features of Java Language
3. What are the principles of object-oriented programming.
4. Explain the terms with example:Classes, Objects.
5. Define Abstraction, Encapsulation, Inheritance, Polymorphism.
6. Write any 10 Keywords, 5 Data types.
7. Types of variables and methods.
8. What is Constructors, explain with example.
9. Explain different types of Constructors in Java.
10. What is chaining of constructor explain with example.
11. What is Method overloading and overriding.
12. What is Constructors Overloading.
13. Explain single inheritance with example.
14. Explain Multilevel inheritance with example.
15. Explain Hierarchical inheritance with example.
16. Write a code to implement Multiple inheritance.
17. Explain role of Constructors in Inheritance.
18. Explain use of super keyword with example.
19. Explain Abstract classes and methods with suitable example.
20. Explain Dynamic Method Dispatch.
21. What is interface and why do we use interface.

Note: This are tentative theory questions for java assignment test. Assignment test will be based on experiments covered till now both theory and practical questions.