Basic :

1. JDK,JRE,JVM
2. JAVA 5,6,7 and 8
3. Why we can’t override private, static methods?
4. Final vs finally vs finalize
5. Any example with memory management
6. Object class methods
7. Main method signature
8. Can we override main()? Ex with varargs
9. List out new things in java1.8
10. Different operators along with example
11. Different looping conditions
12. Immutable class with mutable fields
13. Write immutable class
14. Java.util.date vs java.sql.date
15. List down access modifiers and explain
16. Explain constructor chaining
17. Explain this and super
18. Can we write super and this at single instance
19. Explain java program life cycle.
20. List down different design pattern.
21. Different version of eclipse.
22. List down java coading convention.
23. Explain object Cloning

-Shallow

-Deep

1. Primitive data type
2. Different way to create Object.
3. List down Steps of JDBC.
4. CRUD Operation of JDBC
5. Explain SCP with example.
6. Wrapper Class
7. Explain Autoboxing and UnBoxing.
8. Explain TypeCasting
9. Types of variable
10. Explain inner classes.

OOPS Concepts:

1. Rules of method overloading
2. Rules of method overriding
3. Rules for checked and unchecked exception in method overriding
4. Abstract vs interface
5. Explain Diamond Problem
6. Pillars of oops.
7. Explain Marker Interface.

Exception Handling:

1. Checked vs unchecked
2. List down meaning of try, catch and finally
3. Customized exceptions

Serialization:

1. Serialization vs deserialization
2. Volatile vs transient
3. Serialization vs Exterialization

Collection :

1. Collection vs collections
2. Implementation of Hashcode
3. Comparator vs Comparable
4. Implementation of put and get method
5. Implementation of Hashset
6. Arraylist vs vector
7. Hashset vs linkedlist
8. Hashmap vs hashtable
9. Static synchronized vs normal synchronized method
10. List out methods of collections
11. List out methods of collection
12. What is generics –type safety and type casting
13. Wild card characters(unbound, upper bound and lower bound)
14. Hashset vs linked hashset
15. Treeset vs treemap
16. All methods of stack
17. Collection architecture along with version.
18. Explain Array .
19. Difference – Array & ArrayList.
20. Write array program.
21. Custom Implementation of ArrayList.
22. Explain different Cursors.
23. Write down internal implementation of HashMap

Multithreading:

1. Different ways to create threading application
2. Threading states
3. Different methods of threading
4. Why notify,notifyall and wait are in object class, not in thread class
5. Diff – wait and sleep
6. What is mean by multithreading, multiprocessing and multitasking
7. Thread states, What are the things pointed on console
8. Difference – getMessage() & e.printStackTrace()
9. Write down architecture of thread.
10. Explain green thread.
11. What is deadlock & how to resolve it.
12. Explain Synchronization along with example.

String:

1. String vs StringBuffer vs StringBuilder
2. All String class Method.

Programs:

1. Reverse string -5ways
2. Reverse number- 5 ways
3. Circular string
4. WAP to allow duplicate objects into set
5. WAP to allow duplicate key in hashmap
6. WAP to iterate hashMap in different Ways.
7. Write down a program of file handling
8. No of words
9. No of lines
10. Repeated word
11. Character
12. Particular word with line count
13. WAP to extract a digit from string and sum.
14. Individual digit
15. Individual number
16. 2nd highest no with and without sorting.