JAVA IMP Questions

------Chapter-1-------

1. Features of java (3 marks-names only / 7 marks- full detailed)
2. Components of Java (3- Marks with diagram)
3. Different types of Data Types (Chart and give some brief about each type)
4. Type Casting (With Examples) (4 marks)
5. Java Operators (7 marks)
6. Binary Search (4 marks program)
7. Sorting given in ppt (program)

------Chapter-2-------

1. Difference between POP and OOP (4 marks)
2. Concepts of OOPs (4 marks)
3. Constructors in Java (7 marks Both types with example and syntax)
4. this keyword in Java (3/4 marks write syntax and example both)

5. Method overloading in Java (4/7 marks program) (also read some theory in ppt in case)

6. Static keyboard in Java (4 marks with all case of static usage (variable, method, and block))

7. Difference between public, private and protected (3 marks) (Unit - 4)

8. Difference between Mutable and Immutable (3 marks)

9. Wrapper Class and Program (4 marks)

10. Methods of String and Math class

------Chapter-3-------

1. Example Inheritance in Java(3 marks with syntax and example)

2. Types of Inheritance (4 marks and give 1-2 points about each type) also give points about problems in Inheritance about Multiple Inheritance

3. super keyword in Java (3 marks)

4. Difference btw this and super keyboard (3 marks)

5. Difference btw Method overloading and Method Overriding (3 marks)(Can Take some diff of static and dynamic binding)

6. Dynamic Method Dispatch (4 marks example)

7. Static and Dynamic binding (4 marks)

8. Difference between Interface and Abstract class (3 marks)

9. Explain abstract class and conditions about abstract class (3 marks)

------Chapter-4-------

1. what is Exception (3 marks)

2. Types of Exception (3 marks)

3. Difference btw throw and throws keyboard (3 marks)

4. Explain Multithreading (3 marks)

5. Life cycle of thread (7 marks with diagram)

6. Explain Synchronization (4 marks)

7. Program of Runnable Interface and Extends Thread (4 marks)

8. Programs of Exception (4 marks)

------Chapter-5-------

1. All File Types methods (not sure of Marks)s

2. Hierarchy of collection framework

3. difference between List and Set

Do not know any Imp for Unit-5