

1. What is Hierarchy of File stream classes ?
2. Explain about various file modes ?
3. Explain about sequential access of files ?
4. Explain about random access of files (read and write data using objects)
5. Explain about file pointers
6. Explain about Command line arguments ?
7. Explain about function templates
8. Explain about class templates, inheritance of class templates, class template with overloaded operators
9. Explain about unformatted and formatted i/o operations
10. Explain about Pure virtual functions, Abstract classes, virtual destructors
11. What is dynamic binding explain about it ?
12. How many types of exceptions ? Explain about try catch catch all exceptions
13. exceptions in: Constructors, Destructors
14. exceptions in: Inheritance Tree, Class Templates
15. Explain about Abstract classes and virtual base classes
16. Constructors and Destructors in derived classes calling of parameterized using derived class objects
17. All types of inheritances
 - a. Single
 - b. Multiple
 - c. Multilevel
 - d. Hierarchical
 - e. Hybrid
 - f. Multipath(implementation using virtual base class)
18. What is operator overloading ? explain about Overloadable Operators, Unary Operator Overloading
19. Explain about pre-increment and post-increment programs on it /
20. Binary Operator Overloading, Arithmetic Operators, Concatenation of Strings, Comparison Operators, Assignment Operators
21. Explain about New and Delete Operators overloading
22. Overloading unary and binary using friend function
23. Array of objects ?
24. Explain about Passing Objects as Arguments, Returning Objects from Functions
25. Explain about Friend Function and Friend Classes

- 26.Array of Pointers to Objects, Pointers to Objects Members, this Pointer, Self
– Referential Classes
- 27.Copy Constructor, Constructor with Two Dimensional Arrays,
- 28.Classes objects(types of objects)(static, dynamic, live)
- 29.Static Data Members and Member Functions.
- 30.Function pointers , object pointers , variable pointers (etc all pointers)