

-Sample Questions for Interview-

1. What is the basic structure of C++ program?
2. What are the comments in C++?
3. Difference between declaration & definition of a variable?
4. Explain – Global & Local Scope of a variable.
5. What is a constant? Explain with an example.
6. How to define/declare constants in C++.
7. Explain – Assignment Operators & Ternary Operators
8. What is the difference between equal to (==) and assignment operator (=)?
9. State the difference between Pre & Post Increment/Decrement operations?
10. What are the extraction and insertion operators in C++?
11. What are the difference between while and do-while loop?
12. What do you mean by void return type?
13. Explain – Pass by value and Pass by Reference
14. What are default parameters?
15. What is a reference variable in C++?
16. What is Storage class in C++?
17. What is static variable?
18. Explain – Mutable Storage Class Specifier
19. What is class?
20. Difference between class and structure?
21. What is namespace?
22. What do you mean by scope resolution operator?
23. What are the difference between class and object?
24. What are the various Access Specifiers in C++?
25. What is a constructor and how it is called?
26. What is copy constructor and when it is called?

27. What are the differences between default and parameterized constructors?
28. What is the role of static keyword for a class member variable?
29. Explain – Static Member Function
30. State the differences between function overloading and operator overloading?
31. What are the differences between method overloading and method overriding in C++?
32. Name the operators that cannot be overloaded.
33. What are the benefits of operator overloading?
34. What is Inheritance?
35. What are the advantages of inheritance?
36. Does a derived class inherit or does not inherit?
37. What do you mean by polymorphism?
38. What are virtual function?
39. What are virtual constructors?
40. What do you mean by friend function?
41. What is a friend class?
42. What do you mean by exception handling?
43. What is template?
44. What is a Standard Template Library (STL)? What are the various types of STL containers?
45. What is an Iterator class? Explain with example.
46. What are preprocessor directives in C++?
47. Explain –
 - i. Standard Input Stream
 - ii. Standard Output Stream
 - iii. Standard Error Stream