



SAGE University, Bhopal

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: C++ INTERVIEW QUESTION:

- 1. What is the difference between C and C++?**
- 2. Explain inheritance**
- 3. What are the static members and static member functions?**
- 4. What are destructors in C++?**
- 5. What is an abstract class and when do you use it?**
- 6. What do you mean by call by value and call by reference?**
- 7. Is destructor overloading possible? If yes, then explain and if no then why?**
- 8. What do you mean by abstraction in C++?**
- 9. What is a reference in C++?**
- 10. Define inline function**
- 11. What do you know about friend class and friend function?**
- 12. What are the different data types present in C++?**
- 13. What is the difference between struct and class?**
- 14. what are class and object in C++?**
- 15. What is operator overloading?**
- 16. Tell me about virtual function**
- 17. Explain constructor in C++**



18. Compare compile time polymorphism and Runtime polymorphism
19. What are the C++ access specifiers?
20. What is a copy constructor?
21. What is the difference between shallow copy and deep copy?
22. What is the difference between virtual functions and pure virtual functions?
23. If class D is derived from a base class B. When creating an object of type D in what order would the constructors of these classes get called?
24. Can we call a virtual function from a constructor?
25. What are void pointers?
26. What is this pointer in C++?
27. How do you allocate and deallocate memory in C++?
28. What is the difference between [C and C++](#)?
29. What is the difference between a while loop and a do-while loop?
30. Which operations are permitted on pointers?
31. What are the different types of polymorphism in C++?
32. What is the difference between an array and a list?
33. Define friend function.
34. What is the difference between new() and malloc()?
35. What is overloading?



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