SHREE H. N. SHUKLA GROUP OF COLLEGES

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QUESTION BANK – BCA - 3

SUBJECT: C++

1. Discuss OOP with advantages.
2. Write operate precedence in C++ in details
3. Explain Function overloading
4. Explain memory mgt for the member of the class
5. Write about various data types available in C++
6. Friend function give benefits with an example
7. Abstract class. Explain utility of…
8. What are default arguments? Explain with suitable example
9. Explain inline function with suitable example
10. Explain copy constructor with an example
11. Explain Discuss: Polymorphism
12. Exception handling in c++
13. Diff way of opening a file & its modes
14. Pointer to object & pointer to derives class
15. Explain class to class conversion with example
16. What is use of super function? Explain with example
17. List & explain the diff types of inheritance
18. Discuss different file stream class
19. Virtual class & virtual function
20. Definition: Call by ref. And Call by Values
21. Definition :Constructor& Destructor
22. Definition : Structure and class
23. Definition : Basic data type V/s User Defined data type
24. Difference between Private method & Public method
25. Difference Dynamic binding and Static binding
26. Difference Function overloading and function overriding
27. Dynamic memory allocation and deallocation
28. Static member and static function
29. Type casting and type conversion
30. Call template and function template
31. Object base language object oriented language
32. Type cast operator

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33. Explain Manipulators
34. Explain Scope resolution operator
35. Explain Iostream.h
36. Explain Arrays of objects
37. Explain Enum
38. Explain Type def
39. Explain Get ()
40. Explain Seekg()
41. Give three rules for overloading operator
42. Explain Data hiding
43. Explain Pointer to object
44. Explain Reference variable
45. Explain Access specifies
46. Explain Nesting of class