

CPP selected questions.

Bsc 2nd year

- 1.write down the difference between pop and oops.
- 2.what is object oriented programming?Explain features of oops.
- 3.what are manipulators in cpp.
- 4.Explain data types of c++.
- 5.what are operators?Explain different types of operators used in c++.
- 6.Explain scope resolution operator with syntax and example.
- 7.Explaine console i/o functions of c++.
- 8.what is function ?explain function overloading with example.
- 9.Write difference between call by value and call by reference.
- 10.what is static function? Explain it with example.
- 11.what is online function ?explain with example.
- 12 what is constructor?explained with example.
- 13.what is distructor ?explain with example.
- 14.what is constructor overloading? Explain with example.
- 15.write difference between constructor and destructor.
- 16.Explaine operator overloading.write a cpp code to define binary or unary
Operator overloading.
- 16.what is polymorphism?Explained types of polymorphism.
- 17.what is virtual function?Explain with syntax and example.
- 18.what is pure virtual function?Explain with an example.
- 19.what is an array?Explain its types.
- 20.what is pointer?Explain with an example.
- 21.write the use of new and delete operators.

Paper II

Data structure

- 1.What is stack? Explain various operations of stack.**
- 2.How to implement stack using an array?**
- 3.what is queue?Explained types of queue.**
- 4.whai is linked list?Explain with their types.**
- 5.how to implement linked list using stack.**
- 6.Give difference between dfs and bfs.**
- 7.what is tree?Explain BST.**
- 8.Explain avl tree.**
- 9.write about dijkstras algorithm.**
- 10.Explaine different orders of tree traversing.**
- 11.give difference between linear search and binary search.**