

Semester-VI
Course. B.Sc. (Hons) IT
Paper Code: BSIT - 602
Nomenclature: - Programming In C++ - II

Max.Marks:45+5*

Time :3 hrs

UNIT-I

Friend functions. Friends to a class, Operator overloading .

UNIT-II

Class derivation and inheritance, derivation specification, public , protected and private base classes, class scope under derivation, inheriting operator functions.

UNIT –III

Virtual functions, virtual base class, template class definition , instantiation and specialization: its static members)

UNIT-IV

File input and output, Stream Classes ,Exception handling , the catch handler, try block and throw clause, function throw list.

Refrences:

1. C++ the complete reference – Strou Strup (Adison Wesley)
2. Let us C++ - Kanetkar (BPB)
3. C++ program design – James Cohoon, Jack Davidson (TMH)
4. Object oriented programming with C++ - Balagurusamy (TMH)