

Thapar Institute of Engineering and Technology, Patiala  
Computer Sc. And Engineering Dept.

BEIII Computer Science

Course no: CS003 Course Title: Object Oriented Programming

Date 08/12/06 Time 2.00 pm – 5.00 pm

Max Marks 36

Instructor: Vinod K Bhalla

Note : *Examples should be in C++ only*

Q1. Write short note on the following.

i) Static binding

ii) This pointer

iii) Friend functions

iv) streams

(2\*4)

Q2. How an exception is different from an error in C++? How an exception can be handled in c++? Give example. (7)

Q3. What are the advantages of using object oriented technologies over structured programming ? Discuss in detail. (7)

Q4. What are pure virtual functions? Explain the main features of virtual functions. (7)

Q5. Develop a class IntArray in C++ corresponding to integer array available in c++ along with all possible operations and methods (7)