



Code No. : 6006

FACULTY OF ENGINEERING AND INFORMATICS
B.E. I Year (Common to all Branches) (Suppl.) Examination, Dec. 2009/Jan. 2010
PROGRAMMING IN C AND C++

Time: 3 Hours]

[Max. Marks: 75

Note : Answer all questions of Part A. Answer five questions from Part B.

PART – A

(25 Marks)

1. Explain memory concept. 2
2. Explain the block diagram of a computer. 2
3. Differentiate between while and do-while. 3
4. Explain recursions. 3
5. Give an example switch and break statements. 3
6. What is meant by call-by-reference ? 2
7. Explain difference by arrays and structures. 2
8. Explain FOR loop with an example. 3
9. Why do we use scope resolution operator ? 2
10. What is abstract base class ? 3

PART – B

(50 Marks)

11. a) Explain the evolution of operating system.
- b) Explain :
 - i) Machine language
 - ii) Assembly language
 - iii) High level language.



12. a) Explain parameter passing techniques with examples.
b) Explain the concept of bubble sort.
13. Explain the concept of binary searching with an example.
14. Explain concept of structure and unions with examples.
15. Explain the concept of operator overloading with examples.
16. Explain all types of inheritance, with example on each type.
17. Explain the concept of exception handling with an example.