

2048

MCA-09/
PGDCA-07

M.C.A./P.G.D.C.A. EXAMINATION
JANUARY, 2006.

Second Semester

C++ AND OBJECT ORIENTED PROGRAMMING

Time : 3 hours

Maximum marks : 60

PART A — (4 × 5 = 20 marks)

Answer any FOUR questions.

1. What is an access specifier? Briefly discuss the access specifiers in C++.
2. Discuss the structure of a C++ program.
3. Develop a C++ program to find the transpose of a given matrix.
4. List and discuss the logical operators in C++.
5. What are inline functions? Give example.
6. What is inheritance? With an example explain multiple inheritance.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

7. Discuss the different storage classes in C++.
8. With a relevant example discuss the new and delete operator in C++.
9. With relevant examples discuss the different types of constructors in C++.
10. Develop a C++ program to multiply two matrices. Use classes.
11. Develop a C++ program to arrange N names alphabetically. Use classes.
12. Discuss how exception handling is done in C++.