

Roll No.
1500 -/12/45/-

HV-636

January 2017
Master of Business Administration (MBA) Examination
(Full Time) (New) Third Semester
FT-303I : OBJECT ORIENTED PROGRAMMING USING C++

Time 3 Hours]

Max. Marks 80

Note : Attempt any five questions. All questions carry equal marks.

1. What is Object Oriented Programming ? How is it different from procedural language ? Explain any four OOP characteristics with the help of example.
2. (a) Differentiate between :
 - (i) Structure and Classes.
 - (ii) External and Static Data Members.(b) Explain different logical and relational operators of C++.
3. (a) Differentiate between member function and a friend function.
(b) Write a program in C++ to demonstrate recursion.
4. (a) Demonstrate the behaviour of execution of constructor and destructor in multilevel inheritance. Write its program along with output.
(b) What is function overloading ? Explain giving suitable example.
5. (a) What are template functions ? How are they implemented in C++ ?
(b) Differentiate between Private, Public and Protected access specifiers.
6. (a) Write a program in C++ that appends the contents of file 2.txt after file 1.txt.
(b) Give example of exceptions in C++. How do you handle them in C++ ?
7. Explain the following :
 - (a) This Pointer.
 - (b) Operator Overloading.
 - (c) Virtual Function.
 - (d) References in C++.