

MAY 2012

P/ID 6033/MER

Time : Three hours

Maximum : 80 marks

PART A — (8 × 5 = 40 marks)

Answer any EIGHT questions.

All questions carry equal marks.

1. What is the need of object-oriented programming?
2. Explain the characteristics and relationship of OOPS.
3. Distinguish between Recursion and Iteration.
4. Describe about Function Overloading.
5. Write a short note on Constructor.
6. Discuss about 'this' pointer with an example.
7. Describe about Polymorphism.
8. Discuss Multilevel and Hierarchical Inheritance.
9. Explain getline() and writeline() function.
10. Write a short note on argc and argv.

11. Discuss about unexpected () function and set_unexpected () function.
12. Write a short note on friend function with an example.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

13. Define function.
 - (a) Call by Reference and value
 - (b) Return by Reference and value.
14. Explain Operator Overloading.
 - (a) Overloading unary operator
 - (b) Binary Operator
 - (c) Function.
15. Explain how to format I/O operation with an example.
16. Discuss briefly about how to open file in C++.

17. Write in detail about Error handling during file Operations.
 18. Describe briefly the following with an example.
 - (a) Try, catch and throw
 - (b) Handling all exception
 - (c) Function and Exception Handling.
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