

DECEMBER 2015

P/ID 17506/PCASF

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write notes on Friend function.
2. Discuss on Array of objects.
3. Write notes on Reference parameters.
4. Write the skeletons to overload new and delete operators.
5. Write a function with two generic types.
6. Discuss on uncaught exception.
7. Write a C++ program to overload [].
8. Explain how to open and close a file in C++.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Explain constructors and destructors with an example program.
10. Give a detailed note on class in C++.

11. Explain overloading constructor functions
 12. Describe the following :
 - (a) Pointers to object
 - (b) Pointers to derived types.
 13. Explain inheritance with an example program.
 14. Give a detailed note on virtual base classes.
 15. Discuss on exception handling.
 16. Explain multiple catch statements.
 17. Discuss on creating own inserters.
 18. Give a detailed notes on random access file.
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