

MAY 2011

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.

Each answer should not exceed 1 pages.

1. State the merits of OOP.
2. Define virtual function.
3. Discuss about function overloading.
4. Specify the rules for writing constructor.
5. Define pointer.
6. Mention the rules for operator overloading.
7. What are the advantages of inheritance?
8. What is pure virtual function?
9. Define multilevel inheritance.
10. Give short note on opening file.

11. What are the characteristics of static data members?

12. Define function templates with suitable example.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

13. What are the decision making statements and explain any one.

14. Define arrays and two dimensional arrays.

15. Differentiate between constructor and destructor.

16. What are the different types of inheritance and explain any one.

17. Explain the following :

(a) Reading a character from file

(b) Writing a character in file.

18. Explain exception handling mechanism.
