



### SECTION D

7. Define and distinguish between operators overloading and function overloading. What are the pitfalls of operators overloading? How unary and binary operators are overloaded? Explain.
8. Explain the various functions involved in opening and closing a sequential file in C++. Explain how an array of class objects can be stored and retrieved from a file.

### SECTION E

9.
  - a) What is the difference between abstraction and encapsulation?
  - b) Distinguish between public and private classes.
  - c) What are the disadvantages of friend functions?
  - d) Define message passing.
  - e) What do you mean by a container class?
  - f) What is a 'this' pointer?
  - g) What are default parameters?
  - h) What is the difference between container and nested classes?
  - i) What is the difference between an error and an exception?
  - j) What is the difference between early binding and late binding?