



### SECTION-D

- Q7. What is Operator overloading? Write a program in C++ to overload binary operator.(10)
- Q8. a) What is a virtual function? Why it is used? Explain with suitable example. (6)
- b) Discuss with examples how we can open, close, read and write a file. (4)

### SECTION-E

**Q9. Answer briefly :**

- a) What is the benefit of using inline functions?
- b) Explain the use of new and delete operators in C++.
- c) What is an identifier? What are the rules to declare identifiers in C++?
- d) Discuss the declaration and usage of static data members.
- e) What is the relationship between an object and class? Give example.
- f) What are preprocessor directives? Give example.
- g) What do you mean by friend function? Give example.
- h) Define inheritance. Name its types.
- i) Compare early and late binding.
- j) What is enumeration? Give examples. (10×2=20)