

18. Explain the concept of copy constructor with an example.

SECTION- C

Answer any TWO questions

$2 \ge 20 = 40$

19. a) Explain the concept of jumping, branching and looping with examples
b) Write a C program to find the roots of the quadratic equation ax²+bx+c=0

(10 + 10)

- 20. a) Write a C program to accept 'n' integers and display them in descending order.
 b) Write a C program to accept an integer and display it in reverse order. (Your program should not use arrays and string functions). (10 + 10)
- 21. a) What are Constructors and Destructors? Mention the differences between them.
 b) Explain the concept of operator over loading. Write a C++ program to add two objects using the binary operator '+'. (8 + 12)
- 22. a) Define: Single, Multiple, Hierarchical and Multilevel Inheritance.
 - b) Write a C++ program that uses the concept of single inheritance. (8 + 12)