



Date: 29-10-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part-A

Answer all Questions:

10x2=20 Marks

1. What are objects?
2. What are tokens?
3. Define Destructor
4. Define copy constructor
5. Write the syntax for file open and close?
6. Define stream
7. Define Data structure
8. What is linked list? Give example
9. Define Sorting?
10. What is Merge sort?

Part-B

Answer all questions:

5x8=40 Marks

11. a) Explain the Benefits of OOP
(or)
b) Explain inline-Functions with example
12. a) Explain about the types of Constructor with example
(or)
b) Explain in detail about operator overloading
13. a) Explain the types of console I/O operations with example
(or)
b) Explain in detail about Exception Handling
14. a) Write an algorithm for stack operations
(or)
b) Explain queue with example

15. a) Explain insertion sort with example
(or)

b) Explain Bubble sort algorithm

Part-C

Answer any TWO Questions:

2x20=40 Marks

16. a) Discuss about Friend function in C++

b) Explain virtual functions

17. a) What are file modes? Describe the various file mode options in C++

b) Briefly explain about singly linked list.

18.a) Explain in detail about Binary search algorithm

b) Explain with example Function Overloading in C++
