

Unit	Contents	Page No
1	PROGRAMMING IN C++	
	Basic Concepts	1
	Function Overloading	7
	Object Oriented Programming Concepts	17
	Constructors and Destructors	31
	Inheritance	37
	Data File Handling in C++	48
	Pointers	65
	Practice Questions	
2	DATA STRUCTURES	
	Searching	74
	Sorting	80
	Two Dimensional Arrays	86
	Stacks, Queues and Linked List	90
	Practice Questions	
3	DATABASE AND SQL	
	Basic Concepts	103
	Structured Query Language	105
	Practice Questions	
4	BOOLEAN LOGIC	
	Boolean Algebra	114
	Practice Questions	
5	COMMUNICATION AND NETWORK CONCEPTS	
	Network	117
	Switching Techniques	118
	Network Devices	121
	Network Protocols	123
	Network Security Concepts	125

Practice Questions

Sample Paper – 1

Sample Paper – 2

Sample Paper – 3

Sample Paper – 4

Sample Paper – 5

Sample Paper – 6