

Syllabus for M.Sc.-IT Selection Test 2023-24 under GUCDOE

Contents

1. History of Computers
2. MS-DOS Commands
3. History of programming
4. Basic C programming
5. Programming languages and their translation
6. Basics of Object-Oriented Programming using C++
7. Data Structures: Stack, Queue, Linked list, BST
8. Software and its type
9. Open-source software
10. Operating System: types and functions
11. Database Management System
12. SQL Commands
13. Computer Networks
14. Network devices
15. Internet and services over internet
16. IP addresses (v4 and v6)
17. Boolean algebra
18. Binary gates and operation
19. Memory hierarchy
20. Direct Memory Access
21. HTML tags and their attributes
22. General awareness.