



Syllabus of written test for the post of
Chief Data Base Administrator/ Data Base Administrator/
IT Manager :-

Chief Data Base Administrator / Data Base Administrator

Total Marks – 100

- (i) General Knowledge / General Studies - 20 Marks (Objective)
- (ii) Subject (Computer Science/ IT as given below) - 80 marks (30 marks objective +25 Marks Short Types + 25 Marks Long Type)
- (iii) Mode of question - Short-Long Answer type question

IT Manager

Total Marks – 100

- (i) General Knowledge / Studies - 20 Marks
- (ii) Subject (Computer Science/ IT as given below) - 80 marks
- (iii) Mode of question - Objective type

Syllabus

- (i) General Knowledge / General Studies :- Indian History, Geography, Political Science, Economics, General Science, Mathematical- aptitude
- (ii) Computer Science/ IT
 1. BASIC CONCEPT IN ELECTRICAL/ ELECTRONICS ENGINEERING
 2. DIGITAL ELECTRONICS
 3. OBJECT ORIENTED PROGRAMMING
 4. NUMERICAL METHODS & COMPUTATIONAL TECHNIQUES
 5. ANALOG ELECTRONICS
 6. DATA STRUCTURES
 7. COMPUTER ARCHITECTURE
 8. SYSTEMS PROGRAMMING
 9. MICROPROCESSOR AND ITS APPLICATIONS
 10. DESIGN & ANALYSIS OF ALGORITHMS
 11. INTRODUCTION TO JAVA PROGRAMMING LANGUAGE
 12. DATA BASE SYSTEM
 13. OPERATING SYSTEMS
 14. COMPUTER NETWORKS
 15. OBJECT ORIENTED ANALYSIS & DESIGN
 16. PRINCIPLES OF PROGRAMMING LANGUAGES
 17. FORMAL LANGUAGES & AUTOMATA THEORY
 18. WEB APPLICATIONS DESIGN DEVELOPMENT
 19. DISTRIBUTED COMPUTING
 20. PERSONAL MANAGEMENT & INDUSTRIAL RELATION
 21. INFORMATION SECURITY
 22. FUNDAMENTALS OF DATA COMMUNICATION
 23. MOBILES & WIRELESS COMPUTING
 24. DISTRIBUTED DATA BASE
 25. ADVANCE COMPUTER ARCHITECTURE
 26. PERFORMANCE EVALUATION OF COMPUTER SYSTEM
 27. OPTIMIZATION THEORY
 28. GENETIC ALGORITHM
 29. NATURAL LANGUAGE PROCESSING
 30. NEURAL NETWORKS & ITS APPLICATION
 31. SPEECH PROCESSING
 32. COMPUTER AIDED DESIGN & MANUFACTURING
 33. INTRODUCTION TO COMMUNICATION SYSTEM
 34. DIGITAL IMAGE PROCESSING
 35. MOBILE COMPUTING
 36. VISUAL PROGRAMMING
 37. MULTIMEDIA TECHNOLOGY & ITS APPLICATIONS