

GATE CSE 2027 4 Months Study Plan

Subject-Wise Timetable: 6 October 2026 to 31 January 2027 | about 45 hours a week | 10 full-length mocks

<https://gatenotes.org/gate-cse-2027-4-months-study-plan-subject-wise-timetable/>

Week-by-Week Timetable

Week	Dates	Subject and Topics	Done
1	6 to 11 Oct	Discrete Maths: propositional and first order logic, sets, relations, functions	[]
2	12 to 18 Oct	Discrete Maths: combinatorics, recurrence relations, graphs, groups	[]
3	19 to 25 Oct	Linear Algebra, Calculus, Probability and Statistics	[]
4	26 Oct to 1 Nov	Data Structures: C programming, pointers, recursion, arrays, linked lists, stacks, queues	[]
5	2 to 8 Nov	Data Structures: trees, BST, heaps, hashing, graphs; Algorithms: complexity, searching, sorting	[]
6	9 to 15 Nov	Algorithms: divide and conquer, greedy, dynamic programming, graph algorithms	[]
7	16 to 22 Nov	Operating System: system calls, processes, threads, CPU scheduling, synchronization, deadlock	[]
8	23 to 29 Nov	Operating System: memory management, paging, virtual memory, file systems	[]
9	30 Nov to 6 Dec	Computer Networks: layering, switching, data link layer, MAC, Ethernet, routing	[]
10	7 to 13 Dec	Computer Networks: IPv4, CIDR, subnetting, NAT, TCP, socket API, DNS, HTTP	[]
11	14 to 20 Dec	Digital Logic: Boolean algebra, K-maps, tabular method, combinational and sequential circuits, number representation	[]
12	21 to 27 Dec	COA: instruction set, addressing modes, control unit, memory hierarchy, cache, I/O, pipelining; 1st mock on Sunday 27 Dec	[]
13	28 Dec to 3 Jan	Databases: ER model, relational algebra, SQL, normal forms, indexing, transactions; 1 mock	[]
14	4 to 10 Jan	Theory of Computation: regular languages, CFG, PDA, Turing machines, decidability; 1 mock	[]
15	11 to 17 Jan	Compiler Design: lexical analysis, parsing, SDT, data flow; 2 mocks	[]
16	18 to 24 Jan	3 mocks; revise Maths, Algorithms, Data Structures, OS	[]
17	25 to 31 Jan	2 mocks; revise CN, DBMS, TOC, COA, Digital Logic and your error notebook	[]

Every Sunday: 1-hour mixed test and revision of that week. Every day: 30 minutes General Aptitude and 30 minutes error notebook. No new topic after 17 January. 1 to 5 February: light revision only.

Daily Timetable

Slot	Full-Time Aspirant (8 hours)	College Student or Working (5 hours)
Morning	3 hours: new topic (theory)	1 hour: revise yesterday's notes
Afternoon	3 hours: practice questions and PYQs	College or office
Evening	1 hour: revise yesterday's topic	3 hours: new topic and PYQs
Night	30 minutes General Aptitude, 30 minutes error notebook	30 minutes General Aptitude, 30 minutes error notebook

Full guide with subject priority, mock analysis and catch-up rules:

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