W3Colleges

GATE CS 2027

ONLINE TEST SERIES

STREAM

Computer Science and Information Technology (CS)

Test Series starts from 1 November 2026

NOTE

72 tests with 2,376 new questions, written for the revised GATE CS 2027 syllabus. Tests open from 23 October 2026 to 25 January 2027 and stay open till 31 March 2027.

Enrollment Open

w3colleges.org

Elevate your GATE CS 2027 preparation with

W3COLLEGES ONLINE TEST SERIES

Quality Questions

New questions written for the 2027 syllabus, every answer checked twice before the test opens.

Real GATE Interface

The same screens, timer and question palette as the GATE exam, so the real exam feels familiar.

Anywhere Anytime

Every test stays open till 31 March 2027. Take it on any day, at any time.

Ask an Expert

Press Report Solution on any question. The expert checks it and replies to you.

Step by Step Solutions

A worked solution for every question, with your answer next to the right one.

Smart Report

All India rank, percentile, subject and topic analysis after every test.

Virtual Calculator

The GATE virtual calculator inside the exam screen, as in the real exam.

Available on phone, tablet and desktop

72 TESTS

2,376 new questions

36 topic-wise, 12 subject-wise, 6 two-subject, 15 full-length and 3 All India Mock Tests

TEST SERIES PACKAGE

Package	Package Content	Commencing Date
GATE CS 2027 Online Online Test Series	**72 tests with 2,376 new questions** 36 topic-wise, 12 subject-wise, 6 two-subject, 15 full-length and 3 All India Mock Tests	**1 Nov 2026**

FEE

Fee	₹499
Regular fee	~~₹1,999~~
Access valid till	31 Mar 2027

Note: every test stays open till 31 March 2027 and can be taken at any time after it opens.



Test Structure

36 Topicwise Tests

Part Syllabus Tests
17 Questions
25 Marks
45 Minutes

12 Single Subject Tests

Part Syllabus Tests
33 Questions
50 Marks
90 Minutes

6 Two Subject Tests

Part Syllabus Tests
33 Questions
50 Marks
90 Minutes

15 Full Syllabus Tests

Full Syllabus Tests
65 Questions
100 Marks
180 Minutes

3 All India Mock Tests

Full Syllabus Tests
65 Questions
100 Marks
180 Minutes

Three levels of difficulty

GATE level

Questions at the level of the real GATE CS paper

Topic tests, Full-length Tests 1 to 6 and the three All India Mocks

Hard

Conceptual questions that check how well you know a topic

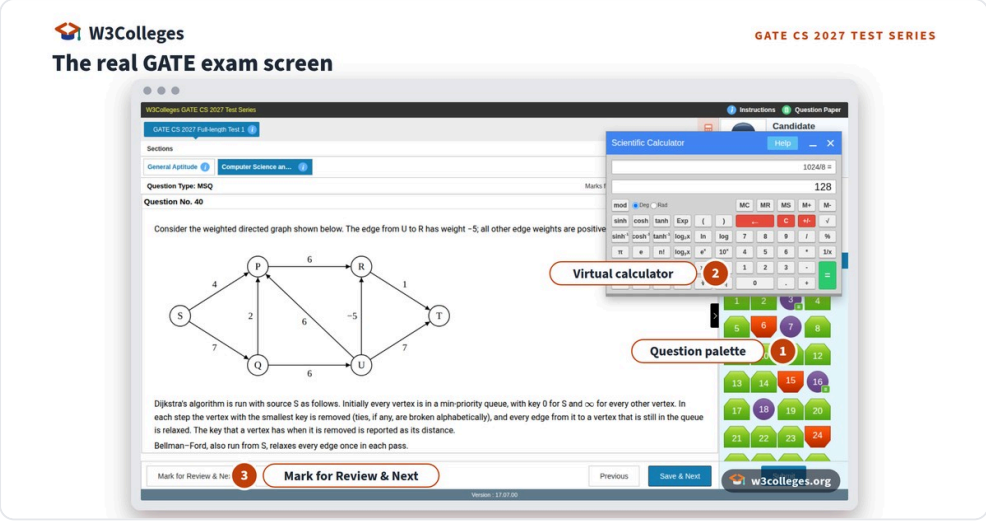
Subject-wise and two-subject tests, Full-length Tests 7 to 12

Tricky

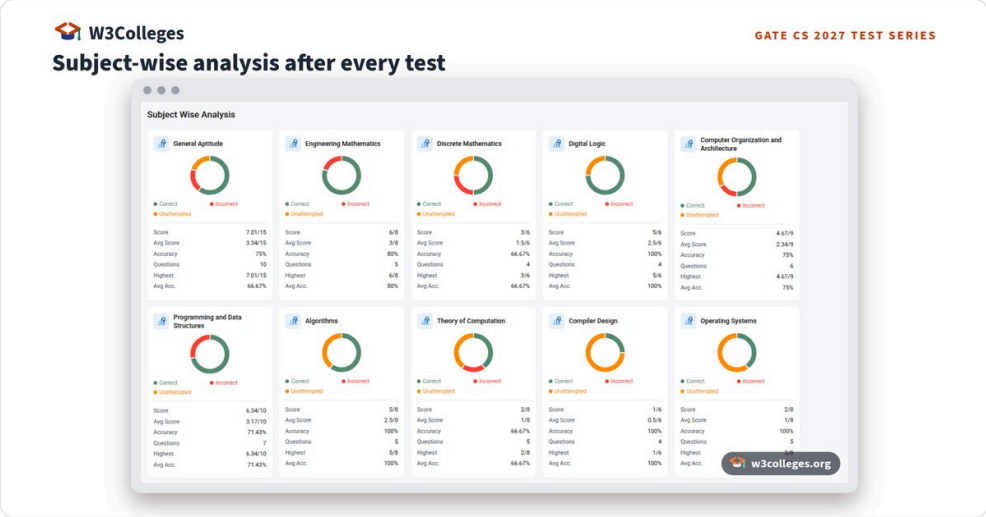
Tricky questions, the kind GATE examiners ask

Full-length Tests 13 to 15

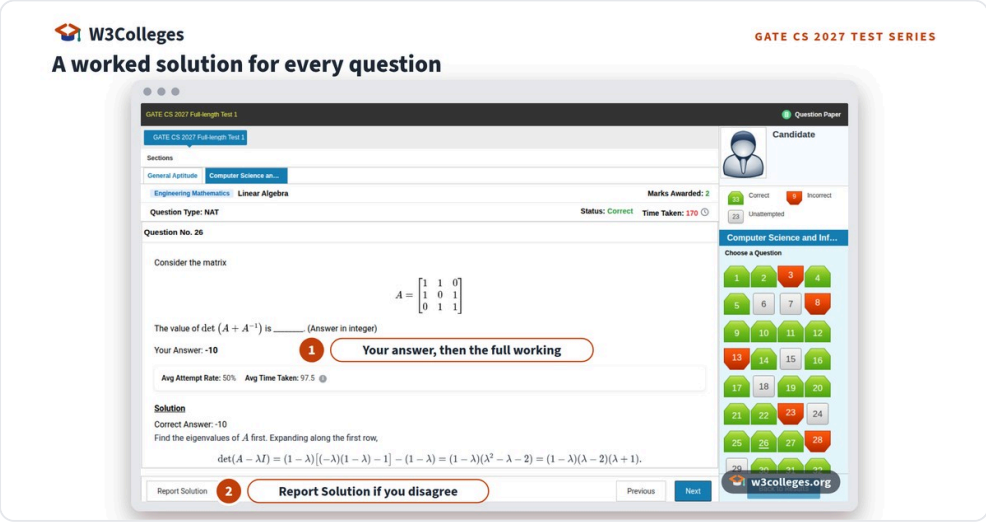
Inside the test series



The real GATE exam screen, with sections, timer, question palette, Mark for Review and the virtual calculator



Subject-wise analysis after every test, with score, accuracy and the class average for each subject



A worked solution for every question, your answer next to the right one, and a Report Solution button

Topicwise Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
1	**General Aptitude-1:** Grammar, vocabulary, reading comprehension, verbal reasoning	17	25	45 min	1 Nov 2026
2	**Engineering Mathematics-1:** Matrices, determinants, systems of linear equations, eigenvalues and eigenvectors, LU decomposition	17	25	45 min	
3	**Discrete Mathematics-1:** Propositional and first-order logic, sets, relations, functions	17	25	45 min	
4	**Digital Logic-1:** Boolean algebra, minimization by algebra, Karnaugh map and the tabular method	17	25	45 min	
5	**Computer Organization and Architecture-1:** Instruction set, addressing modes, ALU design, hardwired and microprogrammed control units	17	25	45 min	
6	**Programming and Data Structures-1:** Programming in C, recursion	17	25	45 min	
7	**Algorithms-1:** Asymptotic worst-case time and space complexity, searching, sorting, hashing	17	25	45 min	
8	**Theory of Computation-1:** Regular expressions, finite automata, regular languages, pumping lemma	17	25	45 min	
9	**Compiler Design-1:** Lexical analysis, parsing	17	25	45 min	
10	**Operating Systems-1:** System calls, processes, threads, inter-process communication, concurrency and synchronization, deadlock	17	25	45 min	
11	**Databases-1:** ER model, relational algebra, tuple calculus, SQL	17	25	45 min	
12	**Computer Networks-1:** Layering, switching and performance metrics, data link layer, error detection, MAC, Ethernet	17	25	45 min	
13	**General Aptitude-2:** Arithmetic, numbers, data interpretation	17	25	45 min	15 Nov 2026
14	**General Aptitude-3:** Logical, analytical and spatial reasoning	17	25	45 min	
15	**Engineering Mathematics-2:** Limits, continuity and differentiability, maxima and minima, mean value theorem, integration	17	25	45 min	
16	**Engineering Mathematics-3:** Random variables and distributions, mean, median, mode, standard deviation, conditional probability, Bayes theorem	17	25	45 min	
17	**Discrete Mathematics-2:** Partial orders, lattices, monoids, groups	17	25	45 min	
18	**Discrete Mathematics-3:** Graphs (connectivity, matching, colouring), counting, recurrence relations, generating functions	17	25	45 min	
19	**Digital Logic-2:** Design of combinational and sequential circuits	17	25	45 min	
20	**Digital Logic-3:** Number representation and arithmetic, fixed and floating point	17	25	45 min	
21	**Computer Organization and Architecture-2:** Memory interfacing and hierarchy, performance, cache memory mapping	17	25	45 min	
22	**Computer Organization and Architecture-3:** Instruction pipelining, pipeline hazards, I/O interface (interrupt and DMA)	17	25	45 min	
23	**Programming and Data Structures-2:** Arrays, stacks, queues, linked lists	17	25	45 min	
24	**Programming and Data Structures-3:** Trees, binary search trees, binary heaps, graphs	17	25	45 min	
25	**Algorithms-2:** Greedy, divide and conquer, dynamic programming	17	25	45 min	

Topicwise Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
26	**Algorithms-3:** Graph traversals, minimum spanning trees, shortest paths	17	25	45 min	15 Nov 2026
27	**Theory of Computation-2:** Context-free grammars, push-down automata, context-free languages, pumping lemma	17	25	45 min	
28	**Theory of Computation-3:** Turing machines and undecidability	17	25	45 min	
29	**Compiler Design-2:** Syntax-directed translation, runtime environments, intermediate code generation	17	25	45 min	
30	**Compiler Design-3:** Local optimisation, data-flow analyses, constant propagation, liveness, common subexpression elimination	17	25	45 min	
31	**Operating Systems-2:** CPU scheduling and I/O (disk) scheduling	17	25	45 min	
32	**Operating Systems-3:** Memory management, virtual memory, file systems	17	25	45 min	
33	**Databases-2:** Integrity constraints, normal forms	17	25	45 min	
34	**Databases-3:** File organization, indexing (B and B+ trees), transactions and concurrency control	17	25	45 min	
35	**Computer Networks-2:** Distance vector and link state routing, IPv4 fragmentation, CIDR, NAT	17	25	45 min	
36	**Computer Networks-3:** TCP flow and congestion control, socket API, DNS, HTTP	17	25	45 min	

Single Subject Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
37	General Aptitude	33	50	90 min	1 Nov 2026
38	Engineering Mathematics	33	50	90 min	
39	Discrete Mathematics	33	50	90 min	
40	Digital Logic	33	50	90 min	
41	Computer Organization and Architecture	33	50	90 min	
42	Programming and Data Structures	33	50	90 min	
43	Algorithms	33	50	90 min	15 Nov 2026
44	Theory of Computation	33	50	90 min	
45	Compiler Design	33	50	90 min	
46	Operating Systems	33	50	90 min	
47	Databases	33	50	90 min	
48	Computer Networks	33	50	90 min	

Two Subject Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
49	Engineering Mathematics and Discrete Mathematics	33	50	90 min	1 Dec 2026
50	Digital Logic and Computer Organization	33	50	90 min	
51	Programming and Data Structures and Algorithms	33	50	90 min	
52	Theory of Computation and Compiler Design	33	50	90 min	
53	Operating Systems and Databases	33	50	90 min	
54	Computer Networks and General Aptitude	33	50	90 min	

Full Syllabus Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
55	Full Syllabus Test-1 (GATE level)	65	100	180 min	23 Oct 2026
56	Full Syllabus Test-2 (GATE level)	65	100	180 min	1 Nov 2026
57	Full Syllabus Test-3 (GATE level)	65	100	180 min	
58	Full Syllabus Test-4 (GATE level)	65	100	180 min	
59	Full Syllabus Test-5 (GATE level)	65	100	180 min	15 Nov 2026
60	Full Syllabus Test-6 (GATE level)	65	100	180 min	
61	Full Syllabus Test-7 (Hard)	65	100	180 min	1 Dec 2026
62	Full Syllabus Test-8 (Hard)	65	100	180 min	
63	Full Syllabus Test-9 (Hard)	65	100	180 min	
64	Full Syllabus Test-10 (Hard)	65	100	180 min	15 Dec 2026
65	Full Syllabus Test-11 (Hard)	65	100	180 min	
66	Full Syllabus Test-12 (Hard)	65	100	180 min	
67	Full Syllabus Test-13 (Tricky)	65	100	180 min	
68	Full Syllabus Test-14 (Tricky)	65	100	180 min	1 Jan 2027
69	Full Syllabus Test-15 (Tricky)	65	100	180 min	

All India Mock Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
70	All India Mock Test 1	65	100	180 min	1 Jan 2027
71	All India Mock Test 2	65	100	180 min	15 Jan 2027
72	All India Mock Test 3	65	100	180 min	25 Jan 2027

END OF THE DOCUMENT