Early Start
Extra Edge

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"Good Preparation demands Early Efforts"

GATE 2022

ONLINE TEST SERIES

Streams : CE ME EE EC CS IN PI CH *New*

Tests are live

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- Technical queries : 9818098817
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KEY FEATURES

Qualitative parameter
Throughly researched, quality questions as per standard & orientation of GATE consisting MCQs, NATs & MSQs

Video solution
Get video solutions by senior faculties for proper understanding of concepts

Anywhere anytime
Facility to appear in test anywhere & anytime (24 x 7)

Step by step solution
Detailed, step by step and well illustrated solutions

Ask an expert
Ask your doubt to our experts, Get answer of your queries on chat window

Virtual calculator embedded
Make yourself conversant in use of embedded virtual calculator

Smart Report
Comprehensive and detailed analysis of test-wise performance. Evaluate yourself and get All India Rank

Available on android, iOS (Desktop & Laptop)

Exact Interface
Test series interface is exactly similar to actual GATE

Streams Offered :
CE, ME, EE, EC, CS, IN, PI, CH

54 Tests

1782 +
Newly Designed Questions

Fee:

Rs. ~~1700~~ + GST
Rs. 1300 + GST
Valid till 30th June, 2021

Test Series Packages

Package	Package Content	Commencement Dates	Fee
1.	GATE 2022 OTS	10th April, 2021	~~Rs. 1700 + GST~~ Rs. 1300 + GST
2.	GATE 2022 OTS GATE 2021 OTS (for practice)	10th April, 2021	~~Rs. 2200 + GST~~ Rs. 1800 + GST
3.	ESE Pre 2022 OTS	1st Aug, 2021	~~Rs. 1700 + GST~~ Rs. 1300 + GST
4.	ESE Pre 2022 OTS + ESE Pre 2021 OTS (for practice)	1st Aug, 2021	~~Rs. 2200 + GST~~ Rs. 1800 + GST
5.	GATE 2022 OTS + ESE Pre 2022 OTS	10th April, 2021	~~Rs. 3200 + GST~~ Rs. 2400 + GST
6.	GATE 2022 OTS + GATE 2021 OTS + ESE Pre 2022 OTS + ESE Pre 2021 OTS	10th April, 2021	~~Rs. 4000 + GST~~ Rs. 3400 + GST

Note : Discounted fee is valid till **30th June, 2021**.

Note : ESE Prelims 2022 Online Test Series will be commenced from **1st August, 2021**.

Test Structure

Test Type	Syllabus	No. of Qs.	Marks	Time
24 Topicwise Tests	Part Syllabus	17	25	45 Minutes
12 Single Subjectwise Tests	Part Syllabus	33	50	90 Minutes
6 Multi Subject Tests	Part Syllabus	33	50	90 Minutes
4 Basic Level Tests	Full Syllabus	65	100	180 Minutes
4 Advanced Level Tests	Full Syllabus	65	100	180 Minutes
4 Mock Level Tests	Full Syllabus	65	100	180 Minutes

Note : Test structure of GATE 2021 is same as of GATE 2022.

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GATE 2022
Online Test Series

CS
COMPUTER SCIENCE & IT

Topicwise Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
1	**Theory of Computation-1:** Regular expressions and finite automata, Context-free grammars and push-down automata	17	25	45 min	10-04-2021
2	**Theory of Computation-2:** Regular and context-free languages, Grammar, pumping lemma, Turing machines and undecidability.	17	25	45 min	
3	**Algorithms -1:** Sorting, Asymptotic worst case time and space complexity. Algorithm design techniques: greedy and divide-and-conquer and Searching.	17	25	45 min	
4	**Algorithms-2:** Hashing, Graph search, minimum spanning trees, shortest paths and dynamic programming.	17	25	45 min	
5	**Computer Organization and Architecture-1:** Instruction pipelining, Machine instructions and addressing modes and control unit.	17	25	45 min	
6	**Computer Organization and Architecture-2:** ALU, data-path, Memory hierarchy: cache, main memory, secondary storage and I/O interface (interrupt and DMA mode).	17	25	45 min	
7	**Databases-1:** Er-model. Relational model: relational algebra normalization and indexing (e.g., B and B+ trees).	17	25	45 min	
8	**Databases-2:** Tuple calculus, SQL, Integrity constraints, File organization, Transactions and concurrency control.	17	25	45 min	
9	**Engineering Mathematics-1:** Matrices, system of linear equations, eigenvalues and eigenvectors, Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation.	17	25	45 min	
10	**Engineering Mathematics-2:** Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration, determinants and LU decomposition, Conditional probability and Bayes theorem.	17	25	45 min	
11	**General Aptitude-1:** Numerical Ability: Numerical computation, numerical estimation, numerical reasoning and data interpretation.	17	25	45 min	
12	**General Aptitude-2:** Verbal Ability: English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.	17	25	45 min	
13	**Operating System-1:** Memory management, virtual memory and Deadlock and File systems.	17	25	45 min	10-05-2021
14	**Operating System-2:** Processes, threads, inter-process communication, concurrency, synchronization and CPU scheduling.	17	25	45 min	
15	**Programming and Data Structures-1:** Programming in C, Arrays, stacks and queues, Recursion.	17	25	45 min	
16	**Programming and Data Structures-2:** Linked lists, trees, binary search trees, binary heaps and graphs	17	25	45 min	
17	**Computer Networks-1:** Concept of layering, LAN technologies and Ethernet bridging along with MAC protocols, Flow and error control techniques, switching, application layer protocols (DNS, SMTP, POP, FTP, HTTP, Email).	17	25	45 min	
18	**Computer Networks-2:** IPv4, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control, network layer protocol headers like ARP, DHCP, ICMP.	17	25	45 min	
19	**Digital Logic-1:** Boolean algebra, Combinational and Minimization	17	25	45 min	
20	**Digital Logic-2:** Sequential circuits, Number representations and computer arithmetic (fixed and floating point).	17	25	45 min	
21	**Discrete Mathematics-1:** Propositional and first order logic. Sets, relations, functions and counting	17	25	45 min	
22	**Discrete Mathematics-2:** Partial orders and lattices, groups, Graphs: connectivity, matching, coloring. Recurrence relations and generating functions.	17	25	45 min	
23	**Compiler Design-1:** Lexical analysis, syntax-directed translation and Intermediate code generation.	17	25	45 min	
24	**Compiler Design-2:** Parsing, Runtime environments, local optimization. Data flow analysis: constant propagation, liveness analysis, common sub-expression elimination	17	25	45 min	

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GATE 2022
Online Test Series

CS
COMPUTER SCIENCE & IT

Test No.	Test Syllabus	No. of Ques.	Marks	Duration	Activation Date
Single Subject Tests					
25	Theory of Computation	33	50	90 min	10-06-2021
26	Algorithms	33	50	90 min	
27	Computer Organization and Architecture	33	50	90 min	
28	Operating System	33	50	90 min	
29	Engineering Mathematics	33	50	90 min	
30	General Aptitude	33	50	90 min	
31	Database	33	50	90 min	10-07-2021
32	Programming and Data Structures	33	50	90 min	
33	Computer Networks	33	50	90 min	
34	Digital Logic	33	50	90 min	
35	Compiler Design	33	50	90 min	
36	Discrete Mathematics	33	50	90 min	
Multiple Subject Tests					
37	Theory of Computation + Compiler Design	33	50	90 min	10-08-2021
38	Algorithms + Programming and Data Structures	33	50	90 min	
39	Computer Organization and Architecture + Operating System	33	50	90 min	
40	Digital Logic + Discrete Mathematics	33	50	90 min	
41	Computer Networks + Databases	33	50	90 min	
42	Engineering Mathematics + General Aptitude	33	50	90 min	
Full Syllabus Tests					
43	Full Syllabus Test-1 (Basic Level)	65	100	180 min	10-09-2021
44	Full Syllabus Test-2 (Basic Level)	65	100	180 min	
45	Full Syllabus Test-3 (Basic Level)	65	100	180 min	
46	Full Syllabus Test-4 (Basic Level)	65	100	180 min	
47	Full Syllabus Test-5 (Advance Level)	65	100	180 min	30-09-2021
48	Full Syllabus Test-6 (Advance Level)	65	100	180 min	
49	Full Syllabus Test-7 (Advance Level)	65	100	180 min	
50	Full Syllabus Test-8 (Advance Level)	65	100	180 min	
Candidate has to upload GATE-2022 Admit Card to access below mentioned tests					
51	GATE Mock Test 1	65	100	180 min	
52	GATE Mock Test 2	65	100	180 min	
53	GATE Mock Test 3	65	100	180 min	
54	GATE Mock Test 4	65	100	180 min	

Detailed Schedule

GATE 2021: Online Test Series
COMPUTER SCIENCE & IT

Topicwise Tests

Test No.	Test Syllabus	No. of Ques.	Marks	Time	Activation Date
1	**Theory of Computation-1:** Regular expressions and finite automata, Context-free grammars and push-down automata	17	25	45 min	Activated
2	**Theory of Computation-2:** Regular and context-free languages, Grammar, pumping lemma, Turing machines and undecidability.	17	25	45 min	
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16	**Programming and Data Structures-2:** Linked lists, trees, binary search trees, binary heaps and graphs	17	25	45 min	
17	**Computer Networks-1:** Concept of layering, LAN technologies (Ethernet), Flow and error control techniques, switching, Basics of Wi-Fi, Network security, Authentication, basics of public key and private key cryptography, digital signatures and certificates	17	25	45 min	
18	**Computer Networks-2:** IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control, Application layer protocols (DNS, SMTP, POP, FTP, HTTP) and firewalls	17	25	45 min	
19	**Digital Logic-1:** Boolean algebra, Combinational and Minimization	17	25	45 min	
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GATE 2021: Online Test Series
COMPUTER SCIENCE & IT

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33	Computer Networks	33	50	90 min	
34	Digital Logic	33	50	90 min	
35	Compiler Design	33	50	90 min	
36	Discrete Mathematics	33	50	90 min	
Multiple Subject Tests					
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38	Algorithms + Programming and Data Structures	33	50	90 min	
39	Computer Organization and Architecture + Operating System	33	50	90 min	
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