



ACE
Engineering Academy
(Leading institute for ESE/GATE/PSUs)

GATE - 2019

Online Test Series

COMPUTER SCIENCE & INFORMATION TECHNOLOGY (CSIT)

No. of Tests : 64 + *Free* 23 Practice Tests of GATE - 2018 Online Test Series

	GATE - 19 Test Series	Practice Tests GATE - 18 Test Series
 Topic wise Tests	22	-
 Subject Wise / Multi Subject Grand Tests	30	11
 Full Length Mock Tests	12	12

All tests will be available till GATE -2019 Examination.

TEST SERIES HIGHLIGHTS

- ★ All India Rank will be given for each test.
- ★ Test wise and overall statistics.
- ★ Comparison with toppers.
- ★ Question wise and test wise time analysis & comparison with toppers on time management.

Topic wise Tests

Each test carries 25 marks and 45 minutes duration

Test consists of 5 one mark questions and 10 two marks questions

Tests will be activated at 2:00 pm on scheduled day

Test No	Topic code	Topic	Date of Activation
CSIT-01	GDL– 1 (Digital Logic)	Number Systems, Boolean Expression, Boolean Laws & K-maps	02-05-2018
CSIT-02	GDL– 2 (Digital Logic)	Sequential Circuits & Counters, Combinational Circuits, Multiplex & De-Multiplex	
CSIT-03	GCO – 1 (Computer Organization)	Number System ALU & Data Path, Memory Organization (Cache, Main & Secondary Storage).	
CSIT-04	GCO – 2 (Computer Organization)	Instruction Pipelining, Control Unit Design(H/W & Micro Programmed Control), Machine Instructions & Addressing Modes, I/O Interface(Interrupt and DMA mode), Serial Communication Interface.	
CSIT-05	GCN – 1	Concept of Layering , LAN Technologies, Data Link Layer, Switching, Network Layer(IPv4, IPv6)	10-05-2018
CSIT-06	GCN – 2	Routing Algorithms, TCP / UDP and Sockets, Congestion Control, Application Layer Protocols, Basics of Wifi , Network Security	
CSIT-07	GTOC – 1 (Theory of Computation)	Finite Automata (DFA, NFA, E-NFA) & Regular Expression	
CSIT-08	GTOC – 2 (Theory of Computation)	Moore and Mealy Machines, Properties of Regular Languages, Grammar, CFG, CFL & PDA Turing Machines & Compatibility (Decidable, Un-Decidability)	
CSIT-09	GDM – 1 (Discrete Mathematics)	Mathematical Logic & Set Theory, Relations, Lattices , Groups	17-05-2018
CSIT-10	GDM – 2 (Discrete Mathematics)	Graph Theory, Combinatorics	
CSIT-11	GDM – 3 (Discrete Mathematics)	Probability, Calculus, Matrix, Algebra, LU decomposition	
CSIT-12	GOS – 1 (Operating Systems)	Introduction, Process Management, Synchronization and Concurrency Control, Deadlocks	
CSIT-13	GOS – 2 (Operating Systems)	Memory Management, File Systems	24-05-2018
CSIT-14	GAL – 1 (Algorithms)	Algorithm Analysis & Asymptotic Notations, Divide and Conquer, Greedy Method	
CSIT-15	GAL – 2 (Algorithms)	Dynamic Programming, Graph Techniques.	
CSIT-16	GDB – 1 (Database)	ER Diagrams, FD, Normalization	
CSIT-17	GDB – 2 (Database)	SQL, RA & RC and Transaction concurrency, Indexing (e.g., B and B+ trees).	31-05-2018
CSIT-18	GCD – 1 (Compiler Design)	Lexical Analysis & Parsing , Semantic Analysis(SDT), Intermediate code generation	
CSIT-19	GPLDS – 1 (Programming Languages & Data Structures)	Programming in C, Recursion; Arrays, Stacks , Queues, Linked Lists, Trees, Graphs & Hashing	
CSIT-20	GPLDS – 2 (Programming Languages & Data Structures)	Programming in C; Recursion, Arrays, Stacks , Queues, Linked Lists, Trees, Graphs & Hashing	
CSIT-21	GGA– 1 (General Aptitude)	English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.	
CSIT-22	GGA– 2 (General Aptitude)	Numerical computation, numerical estimation, numerical reasoning and data interpretation.	

Subject-wise Grand Tests 1st Series

Each test carries 50 marks and 90 minutes duration

Test consists of 10 one mark questions and 20 two marks questions

Test No	Subject Code	Name of the Subject	Date of Activation
CSIT-23	GDL	Digital Logic	07-06-2018
CSIT-24	GCO	Computer Organization	
CSIT-25	GCN	Computer Networks & Network Security	14-06-2018
CSIT-26	GTOC	Theory of Computation	
CSIT-27	GDM	Discrete Mathematics	21-06-2018
CSIT-28	GOS	Operating Systems	
CSIT-29	GAL	Algorithms	28-06-2018
CSIT-30	GDB	Database	
CSIT-31	GCD	Compiler Design	05-07-2018
CSIT-32	GPLDS	Programming Languages & Data Structures	
CSIT-33	GGA	General Aptitude	

Full Length Mock GATE - 1st Series

As per GATE pattern

Each test carries 100 Marks and 3 Hours duration

Test No	Mock Code	Name of the Subject	Date of Activation
CSIT-34	Mock-1	Full Length GATE Mock Test-1	12-07-2018
CSIT-35	Mock-2	Full Length GATE Mock Test-2	19-07-2018
CSIT-36	Mock-3	Full Length GATE Mock Test-3	26-07-2018

Subject-wise Grand Tests 2nd Series

Each test carries 50 marks and 90 minutes duration

Test No	Subject Code	Name of the Subject	Date of Activation
CSIT-37	GDL	Digital Logic	09-08-2018
CSIT-38	GCO	Computer Organization	
CSIT-39	GCN	Computer Networks & Network Security	16-08-2018
CSIT-40	GTOC	Theory of Computation	
CSIT-41	GDM	Discrete Mathematics	23-08-2018
CSIT-42	GOS	Operating Systems	
CSIT-43	GAL	Algorithms	30-08-2018
CSIT-44	GDB	Database	
CSIT-45	GCD	Compiler Design	06-09-2018
CSIT-46	GPLDS	Programming Languages & Data Structures	
CSIT-47	GGA	General Aptitude	

Full Length Mock GATE - 2nd Series (As per GATE pattern)

Test No	Mock Code		Date of Activation
CSIT-48	Mock-4	Full Length GATE Mock Test-4	12-09-2018
CSIT-49	Mock-5	Full Length GATE Mock Test-5	19-09-2018
CSIT-50	Mock-6	Full Length GATE Mock Test-6	26-09-2018

Multi-Subject wise Grand Tests

Each test carries 50 marks and 90 minutes duration

Test No	Subject Code	Name of the Subject	Date of Activation
CSIT-51	GPLDS	Programming Languages & Data Structures	04-10-2018
CSIT-52	GCO & GDL	Computer Organization & Digital Logic	
CSIT-53	GTOC & GCD	Theory of Computation & Compiler Design	11-10-2018
CSIT-54	GCN & GDB	Computer Networks and Network Security & Database	
CSIT-55	GOS & GAL	Operating Systems & Algorithms	25-10-2018
CSIT-56	GPLDS, GCO,GDL & GCNW	Programming Languages & Data Structures, Computer Organization, Digital Logic & Computer Networks and Network Security	
CSIT-57	GTOC, GCD, GOS, GAL & GDB	Theory of Computation, Compiler Design, Operating Systems, Algorithms & Database	
CSIT-58	GDM & GGA	Discrete Mathematics & General Aptitude	01-11-2018

Full Length Mock GATE - 3rd Series (As per GATE pattern)

Test No	Mock Code		Date of Activation
CSIT-59	Mock-7	Full Length GATE Mock Test-7	11-11-2018
CSIT-60	Mock-8	Full Length GATE Mock Test-8	18-11-2018
CSIT-61	Mock-9	Full Length GATE Mock Test-9	25-11-2018
CSIT-62	Mock-10	Full Length GATE Mock Test-10	10-01-2019
CSIT-63	Mock-11	Full Length GATE Mock Test-11	20-01-2019
CSIT-64	Mock-12	Full Length GATE Mock Test-12	29-01-2019

Free Practice Tests of GATE-2018 Online Test Series

Subject-wise Grand Tests

Each test carries 50 marks and 90 minutes duration

Test No	Subject Code	Name of the Subject	Date of Activation
CSIT-P1	GCN	Computer Networks & Network Security	02-05-2018
CSIT-P2	GDB	Database	
CSIT-P3	GDL	Digital Logic	
CSIT-P4	GCO	Computer Organization	
CSIT-P5	GPLDS	Programming Language & Data Structures	
CSIT-P6	GAL	Algorithms	
CSIT-P7	GTOC	Theory of Computation	
CSIT-P8	GCD	Compiler Design	
CSIT-P9	GOS	Operating Systems	
CSIT-P10	GDM	Discrete Mathematics	
CSIT-P11	GGA	General Aptitude	

Full Length Mock GATE (As per GATE pattern)

Test No	Mock Code		Date of Activation
CSIT-P12	Mock-1	Full Length GATE Mock Test-1	25-05-2018
CSIT-P13	Mock-2	Full Length GATE Mock Test-2	
CSIT-P14	Mock-3	Full Length GATE Mock Test-3	
CSIT-P15	Mock-4	Full Length GATE Mock Test-4	
CSIT-P16	Mock-5	Full Length GATE Mock Test-5	
CSIT-P17	Mock-6	Full Length GATE Mock Test-6	
CSIT-P18	Mock-7	Full Length GATE Mock Test-7	
CSIT-P19	Mock-8	Full Length GATE Mock Test-8	
CSIT-P20	Mock-9	Full Length GATE Mock Test-9	
CSIT-P21	Mock-10	Full Length GATE Mock Test-10	
CSIT-P22	Mock-11	Full Length GATE Mock Test-11	
CSIT-P23	Mock-12	Full Length GATE Mock Test-12	