






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

GATE – 2020

Online Test Series

COMPUTER SCIENCE & INFORMATION TECHNOLOGY (CSIT)

No. of Tests : 64 + **Free** 53 Practice Tests of GATE - 2019 Online Test Series

	GATE - 2020 Test Series	Practice Tests GATE - 2019 Test Series
 Topic wise Tests	22	22
 Subject Wise / Multi Subject Grand Tests	30	19
 Full Length Mock Tests	12	12

All tests will be available till GATE -2020 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	02-05-2019
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 (Computer Networks)	Concept of Layering , LAN Technologies, Data Link Layer, Switching, Network Layer(IPv4, IPv6)	09-05-2019
CSIT-06	GCN – 2 (Computer Networks)	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	16-05-2019
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	23-05-2019
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).	30-05-2019
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	06-06-2019
CSIT-24	GCO	Computer Organization	
CSIT-25	GCN	Computer Networks & Network Security	13-06-2019
CSIT-26	GTOC	Theory of Computation	
CSIT-27	GDM	Discrete Mathematics	20-06-2019
CSIT-28	GOS	Operating Systems	
CSIT-29	GAL	Algorithms	27-06-2019
CSIT-30	GDB	Database	
CSIT-31	GCD	Compiler Design	04-07-2019
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	11-07-2019
CSIT-35	Mock-2	Full Length GATE Mock Test-2	18-07-2019
CSIT-36	Mock-3	Full Length GATE Mock Test-3	25-07-2019

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	08-08-2019
CSIT-38	GCO	Computer Organization	
CSIT-39	GCN	Computer Networks & Network Security	15-08-2019
CSIT-40	GTOC	Theory of Computation	
CSIT-41	GDM	Discrete Mathematics	22-08-2019
CSIT-42	GOS	Operating Systems	
CSIT-43	GAL	Algorithms	29-08-2019
CSIT-44	GDB	Database	
CSIT-45	GCD	Compiler Design	05-09-2019
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	12-09-2019
CSIT-49	Mock-5	Full Length GATE Mock Test-5	19-09-2019
CSIT-50	Mock-6	Full Length GATE Mock Test-6	26-09-2019

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	03-10-2019
CSIT-52	GCO & GDL	Computer Organization & Digital Logic	
CSIT-53	GTOC & GCD	Theory of Computation & Compiler Design	17-10-2019
CSIT-54	GCN & GDB	Computer Networks and Network Security & Database	
CSIT-55	GOS & GAL	Operating Systems & Algorithms	24-10-2019
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	31-10-2019

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	07-11-2019
CSIT-60	Mock-8	Full Length GATE Mock Test-8	14-11-2019
CSIT-61	Mock-9	Full Length GATE Mock Test-9	21-11-2019
CSIT-62	Mock-10	Full Length GATE Mock Test-10	10-01-2020
CSIT-63	Mock-11	Full Length GATE Mock Test-11	20-01-2020
CSIT-64	Mock-12	Full Length GATE Mock Test-12	27-01-2020

Free Practice Tests of GATE-2019 Online Test Series

Topic wise Tests

Each test carries 25 marks and 45 minutes duration

Test No	Topic code	Topic	Date of Activation
CSIT-P01	GDL- 1 (Digital Logic)	Number Systems, Boolean Expression, Boolean Laws & K-maps	02-05-2019
CSIT-P02	GDL- 2 (Digital Logic)	Sequential Circuits & Counters, Combinational Circuits, Multiplex & De-Multiplex	
CSIT-P03	GCO - 1 (Computer Organization)	Number System ALU & Data Path, Memory Organization (Cache, Main & Secondary Storage).	
CSIT-P04	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-P05	GCN - 1 (Computer Networks)	Concept of Layering , LAN Technologies, Data Link Layer, Switching, Network Layer(IPv4, IPv6)	
CSIT-P06	GCN - 2 (Computer Networks)	Routing Algorithms, TCP / UDP and Sockets, Congestion Control, Application Layer Protocols, Basics of Wifi , Network Security	
CSIT-P07	GTOC - 1 (Theory of Computation)	Finite Automata (DFA, NFA, E-NFA) & Regular Expression	
CSIT-P08	GTOC - 2 (Theory of Computation)	Moore and Mealy Machines, Properties of Regular Languages, Grammar, CFG, CFL & PDA Turing Machines & Compatibility (Decidable, Un-Decidability)	
CSIT-P09	GDM - 1 (Discrete Mathematics)	Mathematical Logic & Set Theory, Relations, Lattices , Groups	
CSIT-P10	GDM - 2 (Discrete Mathematics)	Graph Theory, Combinatorics	
CSIT-P11	GDM - 3 (Discrete Mathematics)	Probability, Calculus, Matrix, Algebra, LU decomposition	
CSIT-P12	GOS - 1 (Operating Systems)	Introduction, Process Management, Synchronization and Concurrency Control, Deadlocks	
CSIT-P13	GOS - 2 (Operating Systems)	Memory Management, File Systems	
CSIT-P14	GAL - 1 (Algorithms)	Algorithm Analysis & Asymptotic Notations, Divide and Conquer, Greedy Method	
CSIT-P15	GAL - 2 (Algorithms)	Dynamic Programming, Graph Techniques.	
CSIT-P16	GDB - 1 (Database)	ER Diagrams, FD, Normalization	
CSIT-P17	GDB - 2 (Database)	SQL, RA & RC and Transaction concurrency, Indexing (e.g., B and B+ trees).	
CSIT-P18	GCD - 1 (Compiler Design)	Lexical Analysis & Parsing , Semantic Analysis(SDT), Intermediate code generation	
CSIT-P19	GPLDS - 1 (Programming Languages & Data Structures)	Programming in C, Recursion; Arrays, Stacks , Queues, Linked Lists, Trees, Graphs & Hashing	
CSIT-P20	GPLDS - 2 (Programming Languages & Data Structures)	Programming in C; Recursion, Arrays, Stacks , Queues, Linked Lists, Trees, Graphs & Hashing	
CSIT-P21	GGA- 1 (General Aptitude)	English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.	
CSIT-P22	GGA- 2 (General Aptitude)	Numerical computation, numerical estimation, numerical reasoning and data interpretation.	

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-P23	GDL	Digital Logic	02-05-2019
CSIT-P24	GCO	Computer Organization	
CSIT-P25	GCN	Computer Networks & Network Security	
CSIT-P26	GTOC	Theory of Computation	
CSIT-P27	GDM	Discrete Mathematics	
CSIT-P28	GOS	Operating Systems	
CSIT-P29	GAL	Algorithms	
CSIT-P30	GDB	Database	
CSIT-P31	GCD	Compiler Design	
CSIT-P32	GPLDS	Programming Languages & Data Structures	
CSIT-P33	GGA	General Aptitude	

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-P34	GPLDS	Programming Languages & Data Structures	02-05-2019
CSIT-P35	GCO & GDL	Computer Organization & Digital Logic	
CSIT-P36	GTOC & GCD	Theory of Computation & Compiler Design	
CSIT-P37	GCN & GDB	Computer Networks and Network Security & Database	
CSIT-P38	GOS & GAL	Operating Systems & Algorithms	
CSIT-P39	GPLDS, GCO,GDL & GCNW	Programming Languages & Data Structures, Computer Organization, Digital Logic & Computer Networks and Network Security	
CSIT-P40	GTOC, GCD, GOS, GAL & GDB	Theory of Computation, Compiler Design, Operating Systems, Algorithms & Database	
CSIT-P41	GDM & GGA	Discrete Mathematics & General Aptitude	

Full Length Mock GATE (As per GATE pattern)

Test No	Mock Code	Name of the Subject	Date of Activation
CSIT-P42	Mock-1	Full Length GATE Mock Test-1	25-05-2019
CSIT-P43	Mock-2	Full Length GATE Mock Test-2	
CSIT-P44	Mock-3	Full Length GATE Mock Test-3	
CSIT-P45	Mock-4	Full Length GATE Mock Test-4	
CSIT-P46	Mock-5	Full Length GATE Mock Test-5	
CSIT-P47	Mock-6	Full Length GATE Mock Test-6	
CSIT-P48	Mock-7	Full Length GATE Mock Test-7	
CSIT-P49	Mock-8	Full Length GATE Mock Test-8	
CSIT-P50	Mock-9	Full Length GATE Mock Test-9	
CSIT-P51	Mock-10	Full Length GATE Mock Test-10	
CSIT-P52	Mock-11	Full Length GATE Mock Test-11	
CSIT-P53	Mock-12	Full Length GATE Mock Test-12	