

TOPIC WISE TESTS

- Each test carries 25 marks and 45 minutes duration
- Test consists of 5 one mark questions and 10 two marks questions

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-01	Basic Level Discrete Mathematics - 1 : Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.	Available Now
CS-02	Basic Level Discrete Mathematics - 2 : Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition. Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration. Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.	Available Now
CS-03	Basic Level Digital Logic - 1 : Boolean algebra. Combinational and sequential circuits. Minimization.	Available Now
CS-04	Basic Level Digital Logic - 2 : Number representations and computer arithmetic (fixed and floating point).	Available Now
CS-05	Basic Level Computer Organization and Architecture - 1 : Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).	Available Now
CS-06	Basic Level Computer Organization and Architecture - 2 : Machine instructions and addressing modes. ALU, data-path and control unit.	Available Now
CS-07	Basic Level Programming and Data Structures - 1 : Programming in C. Recursion. Arrays, stacks, queues	Available Now
CS-08	Basic Level Programming and Data Structures - 2 : linked lists, trees, binary search trees, binary heaps, graphs	Available Now
CS-09	Basic Level Algorithms - 1 : Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, divide and conquer.	Available Now
CS-10	Basic Level Algorithms - 2 : Searching, sorting, hashing, dynamic programming Graph search, minimum spanning trees, shortest paths	Available Now
CS-11	Basic Level Theory of Computation - 1 : Regular expressions and finite automata. Context-free grammars and push-down automata.	Available Now

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-12	Basic Level Theory of Computation - 2 : Regular and context-free languages, pumping lemma. Turing machines and undecidability.	Available Now
CS-13	Basic Level Compiler Design – 1 : Lexical analysis, parsing	Available Now
CS-14	Basic Level Compiler Design – 2 : Syntax-directed translation. Runtime environments. Intermediate code generation.	Available Now
CS-15	Basic Level Operating System - 1 : Processes, threads, inter-process communication, concurrency and synchronization. CPU scheduling.	Available Now
CS-16	Basic Level Operating System – 2 : Deadlock. Memory management and virtual memory. File systems.	Available Now
CS-17	Basic Level Database – 1 : ER-model. Relational model: relational algebra, tuple calculus. Integrity constraints, normal forms.	Available Now
CS-18	Basic Level Database – 2 : SQL, File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.	Available Now
CS-19	Basic Level Computer Networks & Network Security – 1 : Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state).	Available Now
CS-20	Basic Level Computer Networks & Network Security – 2 : TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.	Available Now
CS-21	Basic Level General Aptitude - 1 : English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.	Available Now
CS-22	Basic Level General Aptitude - 2 : Numerical computation, numerical estimation, numerical reasoning and data interpretation.	Available Now
CS-23	Advance Level Discrete Mathematics - 1 : Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.	Available Now
CS-24	Advance Level Discrete Mathematics - 2: Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition. Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration. Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.	Available Now
CS-25	Advance Level Digital Logic - 1: Boolean algebra. Combinational and sequential circuits. Minimization.	Available Now
CS-26	Advance Level Digital Logic - 2 : Number representations and computer arithmetic (fixed and floating point).	Available Now
CS-27	Advance Level Computer Organization and Architecture - 1: Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).	Available Now

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-28	Advance Level Computer Organization and Architecture - 2 : Machine instructions and addressing modes. ALU, data-path and control unit.	Available Now
CS-29	Advance Level Programming and Data Structures - 1 : Programming in C. Recursion. Arrays, stacks, queues	Available Now
CS-30	Advance Level Programming and Data Structures - 2 : linked lists, trees, binary search trees, binary heaps, graphs	Available Now
CS-31	Advance Level Algorithms - 1 : Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, divide and conquer	Available Now
CS-32	Advance Level Algorithms - 2 : Searching, sorting, hashing, dynamic programming, Graph search, minimum spanning trees, shortest paths.	Available Now
CS-33	Advance Level Theory of Computation - 1 : Regular expressions and finite automata. Context-free grammars and push-down automata.	Available Now
CS-34	Advance Level Theory of Computation - 2 : Regular and context-free languages, pumping lemma. Turing machines and undecidability.	Available Now
CS-35	Advance Level Compiler Design - 1 : Lexical analysis, parsing.	Available Now
CS-36	Advance Level Compiler Design - 2 : Syntax-directed translation. Runtime environments. Intermediate code generation.	Available Now
CS-37	Advance Level Operating System - 1 : Processes, threads, inter-process communication, concurrency and synchronization, CPU scheduling	Available Now
CS-38	Advance Level Operating System - 2 : Deadlock. Memory management and virtual memory. File systems.	Available Now
CS-39	Advance Level Database - 1 : ER-model. Relational model: relational algebra, tuple calculus, Integrity constraints, normal forms.	Available Now
CS-40	Advance Level Database - 2 : SQL, File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.	Available Now
CS-41	Advance Level Computer Networks & Network Security - 1: Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state).	Available Now
CS-42	Advance Level Computer Networks & Network Security - 2 : TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.	Available Now
CS-43	Advance Level General Aptitude - 1 : English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.	Available Now
CS-44	Advance Level General Aptitude - 2 : Numerical computation, numerical estimation, numerical reasoning and data interpretation.	Available Now

SUBJECT WISE TESTS

- Each test carries 50 marks and 90 minutes duration
- Test consists of 10 one mark questions and 20 two marks questions

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-45	<p>Basic Level Discrete Mathematics :</p> <p>Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.</p> <p>Linear Algebra: Matrices, determinants, system of linear equations, Eigen values and eigenvectors, LU decomposition.</p> <p>Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.</p> <p>Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.</p>	Available Now
CS-46	<p>Basic Level Digital Logic : Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).</p>	Available Now
CS-47	<p>Basic Level Computer Organization and Architecture : Machine instructions and addressing modes. ALU, data path and control unit. Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).</p>	Available Now
CS-48	<p>Basic Level Programming and Data Structures : Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.</p>	Available Now
CS-49	<p>Basic Level Algorithms : Searching, sorting, hashing. Asymptotic worst case time and space- complexity-. Algorithm design techniques: greedy, dynamic programming and divide and conquer. Graph search, minimum spanning trees, shortest paths.</p>	Available Now
CS-50	<p>Basic Level Theory of Computation : Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.</p>	Available Now
CS-51	<p>Basic Level Compiler Design : Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation.</p>	Available Now
CS-52	<p>Basic Level Operating System : Processes, threads, inter process communication, concurrency and synchronization. Deadlock. CPU scheduling. Memory management and virtual memory. File systems.</p>	Available Now
CS-53	<p>Basic Level Database : ER model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.</p>	Available Now
CS-54	<p>Basic Level Computer Networks & Network Security : Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.</p>	Available Now

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-55	<p>Basic Level General Aptitude : English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction, Numerical computation, numerical estimation, numerical reasoning and data interpretation.</p>	Available Now
CS-56	<p>Advance Level Discrete Mathematics:</p> <p>Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.</p> <p>Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.</p> <p>Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.</p> <p>Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem</p>	Available Now
CS-57	<p>Advance Level Digital Logic & Computer Organization and Architecture :</p> <p>Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).</p> <p>Machine instructions and addressing modes. ALU, data path and control unit. Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).</p>	Available Now
CS-58	<p>Advance Level Programming and Data Structures :</p> <p>Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.</p>	Available Now
CS-59	<p>Advance Level Algorithms & Database :</p> <p>Searching, sorting, hashing. Asymptotic worst case time and space- complexity-. Algorithm design techniques: greedy, dynamic programming and divide and conquer. Graph search, minimum spanning trees, shortest paths.</p> <p>ER model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.</p>	Available Now
CS-60	<p>Advance Level Theory of Computation & Compiler Design :</p> <p>Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.</p> <p>Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation.</p>	Available Now

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-61	<p>Advance Level Operating System & Computer Networks & Network Security :</p> <p>Processes, threads, inter process communication, concurrency and synchronization. Deadlock. CPU scheduling. Memory management and virtual memory. File systems</p> <p>Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.</p>	Available Now
CS-62	<p>Advance Level General Aptitude : English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction, Numerical computation, numerical estimation, numerical reasoning and data interpretation.</p>	Available Now
CS-63	<p>Discrete Mathematics:</p> <p>Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.</p> <p>Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.</p> <p>Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.</p> <p>Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.</p>	Available Now
CS-64	<p>Digital Logic & Computer Organization and Architecture:</p> <p>Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).</p> <p>Machine instructions and addressing modes. ALU, data path and control unit. Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).</p>	Available Now
CS-65	<p>Programming and Data Structures : Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.</p>	Available Now
CS-66	<p>Algorithms & Database:</p> <p>Searching, sorting, hashing. Asymptotic worst case time and space- complexity-. Algorithm design techniques: greedy, dynamic programming and divide and conquer. Graph search, minimum spanning trees, shortest paths.</p> <p>ER model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.</p>	Available Now

TEST No	TEST NAME : SYLLABUS	DATE OF ACTIVATION
CS-67	<p>Theory of Computation & Compiler Design:</p> <p>Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.</p> <p>Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation.</p>	Available Now
CS-68	<p>Operating System & Computer Networks & Network Security:</p> <p>Processes, threads, inter process communication, concurrency and synchronization. Deadlock. CPU scheduling. Memory management and virtual memory. File systems</p> <p>Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.</p>	Available Now
CS-69	<p>General Aptitude : English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction, Numerical computation, numerical estimation, numerical reasoning and data interpretation.</p>	Available Now

MOCK TESTS

- Each test carries 100 marks and 3 hours duration

TEST No	TEST NAME	DATE OF ACTIVATION
CS-70	Full Syllabus Test - 1 (Basic Level)	Available Now
CS-71	Full Syllabus Test - 2 (Basic Level)	Available Now
CS-72	Full Syllabus Test - 3 (Basic Level)	Available Now
CS-73	Full Syllabus Test - 1 (Advance Level)	Available Now
CS-74	Full Syllabus Test - 2 (Advance Level)	Available Now
CS-75	Full Syllabus Test - 3 (Advance Level)	Available Now
CS-76	GATE MOCK TEST - 1	Available Now
CS-77	GATE MOCK TEST - 2	Available Now
CS-78	GATE MOCK TEST - 3	Available Now
CS-79	GATE MOCK TEST - 4	Available Now
CS-80	GATE MOCK TEST - 5	Available Now
CS-81	GATE MOCK TEST - 6	Available Now

MSQ TYPE TESTS (Subject Wise)

- Each test carries 40 marks and 60 Minutes duration

TEST No	TEST NAME	DATE OF ACTIVATION
CS - 82	General Aptitude	Available Now

MSQ TYPE TESTS (Topic Wise)

- Each test carries 25 marks and 45Minutes duration

TEST No	TEST NAME	DATE OF ACTIVATION
CS - 83	Discrete Mathematics	Available Now
CS - 84	Programming and Data Structures	Available Now
CS - 85	Algorithms	Available Now
CS - 86	C,DS and Algorithms	Available Now
CS - 87	Computer Networks	Available Now
CS - 88	Operating Systems	Available Now
CS - 89	Computer Organization And Architecture	Available Now
CS - 90	Theory Of Computation	Available Now
CS - 91	Data Base Management Systems	Available Now
CS - 92	Compiler Design	Available Now