



GATE 2018 ONLINE TEST SERIES

Complete with best...

- ◆ Our proficient faculties have done extensive research to prepare and shape these test series.
- ◆ An opportunity for students to come across their strengths and weaknesses and work on them properly to turn the things around.
- ◆ Care has been taken to ensure that the quality of questions has the same level of difficulty as is there in the GATE.

GATE 2018 ONLINE TEST SERIES

Highlights :

- There are 20+ subject-wise tests, 10 full length tests and 20+ topic wise tests.
- Each Test is available till 15th Feb. 2018 This gives the flexibility to students to appear in the tests any time & from anywhere based on their level of preparation. However, the relative score will be given to those students only who access online tests before their expiry period.
- The individual results will be available immediately after the test.
- Students can check their relative performance question wise also i.e. for a particular questions how many students were able to correct that question and how many failed etc.
- Best question bank for complete preparation.
- AIR and comparison with All India GATE 2018 aspirant.
- Electronic Gadget such as virtual keyboard and virtual calculator available.

Special Features :

- In every test students will come across two levels that is basic level and advance level tests, which will help the students to prepare the subjects thoroughly.
- Discount available for meritorious students and Previous Batch GATE ACADEMY students.

Online Test Series Schedule for GATE 2018

BRANCH : ELECTRICAL

Online Test Series Schedule for GATE 2018

Branch : Electrical Engineering

Test Name	Description
Topic Wise Tests Total 20 tests	Starting from 05 th May 2017 onwards
Subject Wise Tests Total 20 tests	Starting from 10 th May 2017 onwards
Full Length Mock GATE Total 10 tests	Starting from 1 st September 2017 onwards

Topic-wise Tests

(Each test carries 30 marks and 60 minutes duration.
Test consists of 10 one mark questions and 10 two marks questions)

Topic	Subject	Date (Available From - To)
Basics of Control Systems, Block Diagram & Signal Flow Graph, Time Response Analysis, Routh Array, Root Locus Diagram	Control Systems	05-05-2017 to 2 nd week of February
Polar & Nyquist Plot, Bode Plot, Frequency Response of Second Order System, State Space Analysis, Mechanical System, Controllers & Compensators		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Basic Concept of Network, Source Transformation, Power Dissipation, Star to delta Transformation, Network Theorem, Two port Network,	Network Analysis	05-05-2017 to 2 nd week of February
RMS & Average Value, Transient & Steady State Response, Graph Theory, Phasor & Resonance, Coupling Circuit, Power Triangle, Network Synthesis		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Gates and Boolean Algebra, Combinational circuits and Sequential Circuits	Digital Electronics	05-05-2017 to 2 nd week of February
Microprocessor - 8085, Logic Family, DAC & ADC		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
AC Bridges, Basic Instruments, Measurement of resistance and Potentiometer, Error Analysis	Electrical & Electronics	05-05-2017 to 2 nd week of February
Measurement of Energy and Power, CRO, Q-meter, Digital Voltmeter (DVM), Instrument Transformer	Measurement	05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Complete analysis of signals and systems and Laplace transform	Signals & Systems	05-05-2017 to 2 nd week of February
Continuous time Fourier transform, Continuous time Fourier Series, Z-Transform and Sampling		10-09-2016 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Parameters and Performance of transmission line, Power factor and Voltage Control, Corona, Distribution System, Cable and Insulators, Power flow equations	Power Systems	05-05-2017 to 2 nd week of February
Symmetrical Faults, Symmetrical Components, Unsymmetrical Faults, Load Flow Studies, Power system stability, Circuit Breaker, Power System Protection		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Linear Algebra, Differential Equation, Limits and Series expansion, Probability, Numerical methods	Mathematics	05-05-2017 to 2 nd week of February
Differential Calculus, Integral Calculus, Vector Calculus, Mean Value Theorem, Complex Variable, Maxima and Minima		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Gauss Theorem, Electric field and Potential due to point, Line, Plane and Spherical charge distributions, Ampere's and Biot-Savart's laws, Inductance, Dielectrics and Capacitance	Electromagnetic Field	05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Characteristics of diode, Zener Diode, Clipper & Clamper Circuits, Transistor Biasing, Oscillators and Timer 555	Analog Circuits	05-05-2017 to 2 nd week of February
Lower frequency BJT Amplifier, Low Frequency FET & MOSFET Amplifier, High Frequency Amplifier, Effect of Capacitance in RC Coupled Amplifier, Feedback Amplifier, Operational Amplifier, Power Amplifier		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Single phase AC to DC Converters, Three phase AC to DC Converters, Electric Drives	Power Electronics	05-05-2017 to 2 nd week of February
Power Semiconductor Switching Devices, Thyristor Commutation Techniques, Chopper, Inverters and AC voltage Controllers		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Quantitative Aptitude	General Aptitude	05-05-2017 to 2 nd week of February
Verbal Aptitude		05-05-2017 to 2 nd week of February

Topic	Subject	Date (Available From - To)
Single and Three Phase transformer, Auto Transformer, DC Generation and Motor, Special Motors	Electrical Machines	05-05-2017 to 2 nd week of February
Armature Windings, Synchronous Generator and Motor, Salient pole synchronous motor, Induction motor and generator, Starting and Speed control of induction motor, single phase induction motor		05-05-2017 to 2 nd week of February

Basic Subject-wise Tests

(Each test carries 50 marks and 90 minutes duration.

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

Subjects	Date (Available from - To)
Control Systems	10-05-2017 to 2 nd week of February
Power Systems	10-05-2017 to 2 nd week of February
Electrical & Electronics Measurement	10-05-2017 to 2 nd week of February
Digital Electronics	10-05-2017 to 2 nd week of February
Network Analysis	10-05-2017 to 2 nd week of February
General Aptitude + General English	10-05-2017 to 2 nd week of February
Mathematics	10-05-2017 to 2 nd week of February
Power Electronics	10-05-2017 to 2 nd week of February
Analog Electronics	10-05-2017 to 2 nd week of February
Signals & Systems	10-05-2017 to 2 nd week of February
Electrical Machines	10-05-2017 to 2 nd week of February
Electromagnetic Field	10-05-2017 to 2 nd week of February

Advance Subject-wise Tests

(Each test carries 50 marks and 90 minutes duration.

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

Subjects	Date (Available from - To)
Control Systems	10-05-2017 to 2 nd week of February
Power Systems	10-05-2017 to 2 nd week of February
Electrical & Electronics Measurement	10-05-2017 to 2 nd week of February
Digital Electronics	10-05-2017 to 2 nd week of February
Network Analysis	10-05-2017 to 2 nd week of February
General Aptitude + General English	10-05-2017 to 2 nd week of February
Mathematics	10-05-2017 to 2 nd week of February
Power Electronics	10-05-2017 to 2 nd week of February
Analog Electronics	10-05-2017 to 2 nd week of February
Signals & Systems	10-05-2017 to 2 nd week of February
Electrical Machines	10-05-2017 to 2 nd week of February
Electromagnetic Field	10-05-2017 to 2 nd week of February

Note : Student have to Upload their GATE Admit Card for Accessing Full Mock Test

Full Length Mock GATE (Tentative Schedule)

(Each test carries 100 marks and 3 hours duration as per GATE Pattern.)

Subjects	Date (Available from - To)
Full Length Mock - 1	01-09-2017 to 2 nd week of February
Full Length Mock - 2	01-09-2017 to 2 nd week of February
Full Length Mock - 3	01-09-2017 to 2 nd week of February
Full Length Mock - 4	13-09-2017 to 2 nd week of February
Full Length Mock - 5	07-11-2017 to 2 nd week of February
Full Length Mock - 6	11-11-2017 to 2 nd week of February
Full Length Mock - 7	17-17-2017 to 2 nd week of February
Full Length Mock - 8	04-12-2017 to 2 nd week of February
Full Length Mock - 9	07-12-2017 to 2 nd week of February
Full Length Mock - 10	12-12-2017 to 2 nd week of February

Finally... How to get registered for Test Series ?

Step - I	Step - II
Visit : www.onlinetestseries.gateacademy.co.in Click on New Registration Fill the Form You will be Redirected to the Test Portal Click on buy Package Make Payment using Coupon code (For gate academy student) or by online payment.	Send completely filled registration form to our office (for gate academy student)

COMPLETE TEST PACKAGE	
Gate Academy Students	300/-
Other than Gate Academy Students	1000/-
Ex. Gate Academy Students	500/-

ONLY SUBJECT WISE	
Other than Gate Academy Students	500/-

ONLY TOPIC WISE	
Other than Gate Academy Students	500/-

ONLY FULL LENGTH MOCK	
Other than Gate Academy Students	500/-

SUBJECT WISE + TOPIC WISE	
Other than Gate Academy Students	700/-

SUBJECT WISE + FULL LENGTH MOCK	
Other than Gate Academy Students	700/-



GATE ACADEMY[®]

steps to success....

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