

GATE 2018 Online Test Series - Electronics and Communication Engineering							
Test No	Test Live from	Test details	Test Syllabus	Difficulty level	No of questions	Max Marks	Test duration
Unit Test - Partial Syllabus							
1	29th March 2017 Onwards	Engineering Mathematics-I	Linear algebra, statistics	Easy	10	15	30 min
2		Engineering Mathematics-II	Probability, calculus	Easy	10	15	30 min
3		Engineering Mathematics-III	Numerical methods, vector calculus, complex analysis	Easy	10	15	30 min
4		Engineering Mathematics-IV	Laplace transforms, differential equations, integral calculus	Easy	10	15	30 min
5		Networks-I	Fundamentals	Easy	10	15	30 min
6		Networks-II	Dc network theorems & two port networks	Easy	10	15	30 min
7		Networks-III	Inductors and capacitors, dc transients	Easy	10	15	30 min
8		Networks-IV	Ac circuits	Easy	10	15	30 min
9		Electronic Devices-I	Semiconductor physics	Easy	10	15	30 min
10		Electronic Devices-II	Pn junction diodes & special diodes	Easy	10	15	30 min
11		Electronic Devices-III	Bjt & ic fabrication	Easy	10	15	30 min
12		Electronic Devices-IV	Mos capacitor & mosfet	Easy	10	15	30 min
13		Analog Circuits-I	Diode circuits	Easy	10	15	30 min
14		Analog Circuits-II	Bjt and mosfet circuits	Easy	10	15	30 min
15		Analog Circuits-III	Opamp applications	Easy	10	15	30 min
16		Analog Circuits-IV	Feedback amplifier, power amplifier, 555 timer	Easy	10	15	30 min
17		Digital Circuits-I	Number system, boolean algebra, logic gates, kmap	Easy	10	15	30 min
18		Digital Circuits-II	Combinational and sequential circuits, finite state machines	Easy	10	15	30 min
19		Digital Circuits-III	Data converters, semiconductor memories	Easy	10	15	30 min
20		Digital Circuits-IV	Micro processor	Easy	10	15	30 min
21		Signals and Systems-I	Fundamentals, classification of continuous time & discrete time, lti systems	Easy	10	15	30 min
22		Signals and Systems-II	Classification of signals continuous time & discrete time	Easy	10	15	30 min
23		Signals and Systems-III	Continuous time fourier series	Easy	10	15	30 min
24		Signals and Systems-IV	Laplace transforms, z transforms	Easy	10	15	30 min
25		Control Systems-I	Fundamentals, block diagram, signal flow graph	Easy	10	15	30 min
26		Control Systems-II	Time response analysis	Easy	10	15	30 min
27		Control Systems-III	Frequency response analysis	Easy	10	15	30 min
28		Control Systems-IV	State space analysis, controllability, observability	Easy	10	15	30 min
29		Communications-I	Amplitude modulation, angle modulation, band pass signals	Easy	10	15	30 min
30		Communications-II	Probability, random variables, random process	Easy	10	15	30 min
31		Communications-III	Information theory, digital transmission of analog signals	Easy	10	15	30 min
32		Communications-IV	Digital modulation - baseband, pass band, fdma, tdma, cdma and gsm	Easy	10	15	30 min
33		Electromagnetics-I	Electrostatics, magnetostatics, maxwell equation	Easy	10	15	30 min
34		Electromagnetics-II	Plane waves, wave equation, skin depth	Easy	10	15	30 min
35		Electromagnetics-III	Transmission lines, smith chart,	Easy	10	15	30 min
36		Electromagnetics-IV	Antennas, wave guides, radars	Easy	10	15	30 min

37	Verbal Ability-I	Antonyms, synonyms, verbal analogies, word group, spotting errors and vocabulary building	Easy	10	15	30 min
38	Verbal Ability-II	Sentence completion, sentence improvement, critical reasoning, statements and conclusions,	Easy	10	15	30 min
39	Numerical Ability-I	Profit or loss, averages, number series,time and work, time, speed and distance, ratios and proportions and functions	Easy	10	15	30 min
40	Numerical Ability-II	Data interpretation, data sufficiency, clocks and calendars, directions and blood relations	Easy	10	15	30 min
Section Test - Partial Syllabus						
1	Engineering Mathematics-I	Linear algebra,statistics	Moderate	20	30	60 min
2	Engineering Mathematics-II	Probability,calculus	Moderate	20	30	60 min
3	Engineering Mathematics-III	Numerical methods,vector calculus,complex analysis	Moderate	20	30	60 min
4	Engineering Mathematics-IV	Laplace transforms,differential equations,integral calculus	Moderate	20	30	60 min
5	Networks-I	Fundamentals	Moderate	20	30	60 min
6	Networks-II	Dc network theorems & two port networks	Moderate	20	30	60 min
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29	Communications-I	Amplitude modulation, angle modulation, band pass signals	Moderate	20	30	60 min
30	Communications-II	Probability, random variables, random process	Moderate	20	30	60 min
31	Communications-III	Information theory, digital transmission of analog signals	Moderate	20	30	60 min

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Full length Mock Tests

1	19th July'17 Onwards	Extra Edge Test-01	Full syllabus	Easy	65	100	180 min
2	2nd August'17 Onwards	Extra Edge Test-02	Full syllabus	Easy	65	100	180 min
3	16th August'17 Onwards	Extra Edge Test-03	Full syllabus	Easy	65	100	180 min
4	30th August'17 - 13th Sept'17	Self Administered Test-1	Full syllabus	Easy & Moderate	65	100	180 min
5	13th Sept'17 Onwards	Extra Edge Test-04	Full syllabus	Easy & Moderate	65	100	180 min
6	27th Sept'17 - 11th Oct'17	Self Administered Test-2	Full syllabus	Easy & Moderate	65	100	180 min
7	4th Oct'17 Onwards	Extra Edge Test-05	Full syllabus	Easy & Moderate	65	100	180 min
8	18th Oct'17 - 31st Oct'17	Self Administered Test-3	Full syllabus	Moderate	65	100	180 min
9	1st Nov'17 Onwards	Extra Edge Test-06	Full syllabus	Moderate	65	100	180 min
10	15th Nov'17 - 28th Nov'17	Self Administered Test-4	Full syllabus	Moderate	65	100	180 min
11	29th Nov'17 - 12th Dec'17	Self Administered Test-5	Full syllabus	Moderate	65	100	180 min
12	13th Dec'17 - 26th Dec'17	Self Administered Test-6	Full syllabus	Moderate & Hard	65	100	180 min
13	23rd Dec'17 - 29th Dec'17	Monitored Test-01	Full syllabus	Moderate & Hard	65	100	180 min
14	30th Dec'17 - 5th Jan'17	Monitored Test-02	Full syllabus	Hard	65	100	180 min
15	6th Jan'17 - 12th Jan'18	Monitored Test-03	Full syllabus	Hard	65	100	180 min
16	23rd Jan'18 - 29th Jan'18	Monitored Test-04	Full syllabus	GATE level	65	100	180 min

