

Instrumentation Engineering

GATE 2015		
Subject	1 Mark	2 Mark
Engineering Mathematics	3	2
Networks	4	5
Analog Circuits	1	5
Digital Circuits	3	3
Signals and Systems	2	5
Control Systems	1	3
Communication	1	1
Measurements	3	2
Process Control	0	0
Transducers	5	2
Analytical Instrumentation	0	0
Optical Instrumentation	1	2
Biomedical Instrumentation	1	0
General Aptitude	5	5
	30	35

GATE 2014

Total Marks-100	Paper-1	
	1 Mark	2 Marks
Engineering Mathematics	5	3
Networks	3	3
Analog Electronics	3	5
Digital Electronics	1	4
Signals and Systems	3	2
Control Systems	2	4
Communications	1	1
Measurements	1	2
Process Control	0	0
Transducers	4	3
Analytical Instrumentation	1	1
Optical Instrumentation	0	1
Biomedical Instrumentation	1	1
Verbal Ability	3	1
Numerical Ability	2	4
	30	35

Numerical Type Questions			9		19	
	GATE 2013		GATE 2012		GATE 2011	
Section	No.of Questions	Marks	No.of Questions	Marks	No.of Questions	Marks
Analog Circuits	10	16	3	5	8	15
Analytical Instrumentation	0	0	0	0	0	0
Biomedical Instrumentation	0	0	1	1	1	1
Communications	1	2	0	0	1	2
Control Systems	8	12	7	11	8	13
Digital Circuits	3	5	4	5	7	10
Engineering Mathematics	9	13	10	13	6	10
Measurements and Measurement Systems	2	4	4	5	2	4
Optical Instrumentation	2	3	4	5	0	0
Process Control	0	0	1	1	0	0
Signals and Systems	7	8	4	9	7	8
Networks	7	12	10	17	4	6
Transducers, Mechanical Measurements and Industrial Instrumentation	6	10	7	13	11	16
General Ability	10	15	10	15	10	15

	GATE 2010		GATE 2009		GATE 2008	
Section	No.of Questions	Marks	No.of Questions	Marks	No.of Questions	Marks
Analog Circuits	6	11	9	17	8	13
Analytical Instrumentation	2	3	2	3	1	2
Biomedical Instrumentation	0	0	3	5	1	1
Communications	1	1	1	1	2	4
Control Systems	4	7	3	6	10	19
Digital Circuits	5	8	7	9	11	20
Engineering Mathematics	7	10	9	14	9	16
Measurements and Measurement Systems	7	10	6	9	9	16
Optical Instrumentation	2	3	2	4	6	10
Process Control	0	0	3	5	0	0
Signals and Systems	7	10	7	12	8	14
Networks	4	6	1	2	10	18
Transducers, Mechanical Measurements and Industrial Instrumentation	10	16	7	13	10	17
General Ability	10	15				