

GATE-2016

Answer Keys for EC - Electronics and Communication Engineering SET-1

Q. No	Type	Section	Key	Marks
1	MCQ	GA	A	1
2	MCQ	GA	B	1
3	MCQ	GA	A	1
4	MCQ	GA	A	1
5	MCQ	GA	C	1
6	MCQ	GA	C	2
7	MCQ	GA	B	2
8	MCQ	GA	D	2
9	MCQ	GA	C	2
10	MCQ	GA	C	2
1	MCQ	EC-1	C	1
2	NAT	EC-1	0.9 : 1.1	1
3	MCQ	EC-1	B	1
4	MCQ	EC-1	A	1
5	MCQ	EC-1	C	1
6	MCQ	EC-1	C	1
7	MCQ	EC-1	B	1
8	MCQ	EC-1	B	1
9	MCQ	EC-1	D	1
10	NAT	EC-1	12 : 14	1
11	MCQ	EC-1	A	1
12	MCQ	EC-1	C	1
13	MCQ	EC-1	B	1
14	NAT	EC-1	2.9 : 3.1	1
15	MCQ	EC-1	A	1
16	MCQ	EC-1	A	1
17	MCQ	EC-1	C	1
18	MCQ	EC-1	C	1
19	MCQ	EC-1	D	1
20	MCQ	EC-1	A	1
21	NAT	EC-1	34.5 : 35.5	1
22	NAT	EC-1	4.9 : 5.1	1
23	NAT	EC-1	0.49 : 0.51	1
24	NAT	EC-1	-0.28 : -0.22	1
25	MCQ	EC-1	B	1
26	NAT	EC-1	18 : 22	2
27	NAT	EC-1	230 : 240	2
28	NAT	EC-1	-137 : -130	2
29	NAT	EC-1	4.66 : 4.76	2
30	MCQ	EC-1	MTA	2
31	MCQ	EC-1	A	2
32	MCQ	EC-1	C	2
33	NAT	EC-1	0.68 : 0.72	2
34	NAT	EC-1	0.78 : 0.82	2
35	NAT	EC-1	7.9 : 8.1	2
36	NAT	EC-1	-49 : -47	2

GATE-2016

Answer Keys for EC - Electronics and Communication Engineering SET-1

Q. No	Type	Section	Key	Marks
37	NAT	EC-1	28 : 29	2
38	NAT	EC-1	1.10 : 1.25	2
39	MCQ	EC-1	A	2
40	NAT	EC-1	14.9 : 15.5	2
41	NAT	EC-1	790 : 810	2
42	MCQ	EC-1	MTA	2
43	MCQ	EC-1	B	2
44	MCQ	EC-1	C	2
45	NAT	EC-1	1.2 : 1.3	2
46	NAT	EC-1	2.7 : 3.0	2
47	NAT	EC-1	3 : 3	2
48	NAT	EC-1	2 : 2	2
49	NAT	EC-1	0.025 : 0.030	2
50	MCQ	EC-1	A	2
51	MCQ	EC-1	A	2
52	MCQ	EC-1	A	2
53	NAT	EC-1	2.7 : 3.3	2
54	MCQ	EC-1	C ; D	2
55	MCQ	EC-1	B	2

GATE-2016**Answer Keys for EC - Electronics and Communication Engineering SET-2**

Q. No	Type	Section	Key	Marks
1	MCQ	GA	C	1
2	MCQ	GA	B	1
3	MCQ	GA	C	1
4	MCQ	GA	C	1
5	MCQ	GA	B	1
6	MCQ	GA	D	2
7	MCQ	GA	A	2
8	MCQ	GA	D	2
9	MCQ	GA	C	2
10	MCQ	GA	B	2
1	NAT	EC-2	0.95 : 1.05	1
2	NAT	EC-2	0.0 : 0.0	1
3	MCQ	EC-2	B	1
4	MCQ	EC-2	C	1
5	NAT	EC-2	90 : 90	1
6	MCQ	EC-2	B	1
7	MCQ	EC-2	D	1
8	NAT	EC-2	0.30 : 0.34	1
9	NAT	EC-2	2.98 : 3.02	1
10	NAT	EC-2	0.24 : 0.26	1
11	MCQ	EC-2	D	1
12	MCQ	EC-2	D	1
13	NAT	EC-2	0.25 : 0.25	1
14	NAT	EC-2	570 : 610	1
15	MCQ	EC-2	A	1
16	MCQ	EC-2	B	1
17	NAT	EC-2	1.45 : 1.55	1
18	MCQ	EC-2	A	1
19	NAT	EC-2	0.96 : 1.04	1
20	MCQ	EC-2	A	1
21	NAT	EC-2	1.74 : 1.76	1
22	NAT	EC-2	15.9 : 16.1	1
23	MCQ	EC-2	A	1
24	MCQ	EC-2	D	1
25	NAT	EC-2	32:33	1
26	NAT	EC-2	0.6 : 0.7	2
27	NAT	EC-2	-0.03 : 0.03	2
28	NAT	EC-2	0.32 : 0.34	2
29	NAT	EC-2	2.9 : 3.1	2
30	MCQ	EC-2	D	2
31	NAT	EC-2	4.9 : 5.1	2
32	NAT	EC-2	0.04 : 0.06	2
33	NAT	EC-2	5.9 : 6.1	2
34	NAT	EC-2	99 : 101	2
35	MCQ	EC-2	B	2
36	MCQ	EC-2	C	2

GATE-2016

Answer Keys for EC - Electronics and Communication Engineering SET-2

Q. No	Type	Section	Key	Marks
37	NAT	EC-2	30:34	2
38	NAT	EC-2	1.18 : 1.22	2
39	NAT	EC-2	1.9 : 2.2	2
40	NAT	EC-2	0.7 : 0.9	2
41	NAT	EC-2	400 : 425	2
42	MCQ	EC-2	A	2
43	MCQ	EC-2	A	2
44	MCQ	EC-2	C	2
45	NAT	EC-2	0.95 : 1.05	2
46	NAT	EC-2	59.5 : 60.5	2
47	NAT	EC-2	0.95 : 1.05	2
48	NAT	EC-2	-1.01 : -0.99	2
49	NAT	EC-2	0.24 : 0.26	2
50	NAT	EC-2	99 : 101	2
51	NAT	EC-2	0.80 : 0.82	2
52	MCQ	EC-2	A	2
53	MCQ	EC-2	B	2
54	NAT	EC-2	0.09 : 0.11	2
55	MCQ	EC-2	C	2

GATE-2016**Answer Keys for EC - Electronics and Communication Engineering SET-3**

Q. No	Type	Section	Key	Marks
1	MCQ	GA	C	1
2	MCQ	GA	C	1
3	MCQ	GA	B	1
4	MCQ	GA	C	1
5	MCQ	GA	A	1
6	MCQ	GA	D	2
7	MCQ	GA	A	2
8	MCQ	GA	C	2
9	MCQ	GA	B	2
10	MCQ	GA	A	2
1	MCQ	EC-3	D	1
2	NAT	EC-3	1.0 : 1.0	1
3	NAT	EC-3	0.07 : 0.08	1
4	NAT	EC-3	2.0 : 2.0	1
5	NAT	EC-3	0.060 : 0.063	1
6	MCQ	EC-3	C	1
7	MCQ	EC-3	A	1
8	MCQ	EC-3	C	1
9	MCQ	EC-3	B	1
10	MCQ	EC-3	C	1
11	MCQ	EC-3	A	1
12	NAT	EC-3	20.5 : 21.5	1
13	NAT	EC-3	0.0 : 0.0	1
14	NAT	EC-3	0.45 : 0.55	1
15	NAT	EC-3	5.55 : 5.75	1
16	MCQ	EC-3	D	1
17	MCQ	EC-3	D	1
18	MCQ	EC-3	A	1
19	MCQ	EC-3	B	1
20	MCQ	EC-3	A	1
21	NAT	EC-3	3485 : 3485	1
22	NAT	EC-3	360 : 363	1
23	MCQ	EC-3	C	1
24	MCQ	EC-3	B	1
25	MCQ	EC-3	C	1
26	MCQ	EC-3	A	2
27	MCQ	EC-3	D	2
28	NAT	EC-3	10.0 : 10.0	2
29	MCQ	EC-3	B	2
30	MCQ	EC-3	B	2
31	MCQ	EC-3	D	2
32	NAT	EC-3	0.98 : 1.02	2
33	NAT	EC-3	-1.05 : -0.95	2
34	MCQ	EC-3	A	2
35	NAT	EC-3	4096 : 4096	2
36	MCQ	EC-3	C	2

GATE-2016

Answer Keys for EC - Electronics and Communication Engineering SET-3

Q. No	Type	Section	Key	Marks
37	NAT	EC-3	6.55 : 6.75	2
38	NAT	EC-3	1.55 : 1.65	2
39	MCQ	EC-3	A	2
40	NAT	EC-3	-1.0 : -1.0	2
41	MCQ	EC-3	C	2
42	NAT	EC-3	56 : 63	2
43	MCQ	EC-3	B	2
44	NAT	EC-3	6.0 : 6.0	2
45	MCQ	EC-3	D	2
46	MCQ	EC-3	D	2
47	MCQ	EC-3	A	2
48	NAT	EC-3	-3.45 : -3.35	2
49	MCQ	EC-3	B	2
50	NAT	EC-3	30.0 : 33.0	2
51	NAT	EC-3	0.70 : 0.75	2
52	NAT	EC-3	157.0 : 159.0	2
53	MCQ	EC-3	C	2
54	NAT	EC-3	0.01 : 0.02	2
55	MCQ	EC-3	D	2