

TAMIL NADU PUBLIC SERVICE COMMISSION  
 PRINCIPAL, ITI/ASSISTANT DIRECTOR OF TRAINING AND ASSISTANT ENGINEER (INDUSTRIES)  
 IN THE TN EMPLOYMENT AND TRAINING SERVICE AND INDUSTRIES SUBORDINATE SERVICE

Subject Code: 230 (QB Code: BOEP/19)

DOE: 02.03.2019 FN

Subject Name: PAPER-I BASICS OF ENGINEERING

Marks: 300

VERSION KEY - A

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	D	41	B	81	B	121	C	161	B
2	D	42	C	82	D	122	B	162	B
3	C	43	D	83	B/C	123	B	163	C
4	C	44	C	84	A	124	D	164	C
5	A	45	A	85	B/D	125	A	165	A
6	A	46	B	86	A	126	C	166	C
7	C	47	B	87	A	127	A	167	B
8	B	48	B	88	D	128	A	168	C
9	D	49	C	89	B	129	C	169	B
10	A	50	B	90	B	130	C	170	B
11	D	51	A	91	C	131	C	171	ALL
12	B	52	B	92	B	132	B	172	D
13	C	53	A	93	A	133	B	173	C
14	C	54	B	94	D	134	C	174	C
15	A	55	B	95	A	135	D	175	C
16	A	56	A	96	A/C/D	136	C	176	A
17	B	57	ALL	97	A/D	137	D	177	A
18	B	58	B	98	C	138	B	178	C
19	A/B	59	B/D	99	D	139	B	179	C
20	B	60	A/C	100	A	140	D	180	A
21	A	61	A	101	B	141	B	181	C
22	C	62	B	102	C	142	C	182	B
23	A	63	B	103	D	143	A	183	B
24	B	64	D	104	B	144	A	184	B
25	B	65	B	105	B	145	A	185	D
26	B	66	A	106	D	146	A	186	B
27	C	67	C	107	B	147	A	187	B
28	A	68	B	108	C	148	C	188	C
29	D	69	B/C	109	A	149	D	189	A
30	B	70	C	110	D	150	C	190	D
31	C	71	A	111	D	151	D	191	C
32	C	72	A	112	A/C	152	C	192	A
33	A	73	C	113	A	153	D	193	D
34	C	74	A	114	C	154	B	194	A
35	C	75	A	115	C	155	D	195	A
36	A	76	B	116	C	156	A	196	C
37	D	77	B	117	A/B/C/D	157	D	197	A
38	D	78	C	118	A	158	C	198	B
39	A	79	A	119	B	159	A	199	A
40	A	80	B	120	B	160	B	200	C

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PRINCIPAL, ITI/ASSISTANT DIRECTOR OF TRAINING AND ASSISTANT ENGINEER (INDUSTRIES)  
IN THE TN EMPLOYMENT AND TRAINING SERVICE AND INDUSTRIES SUBORDINATE SERVICE

Subject Code: 230 (QB Code: BOEP/19)

DOE: 02.03.2019 FN

Subject Name: PAPER-I BASICS OF ENGINEERING

Marks: 300

VERSION KEY - B




S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	C	41	A	81	C	121	A	161	A
2	B	42	D	82	B	122	B	162	A
3	D	43	B	83	C	123	B	163	C
4	A	44	B	84	C	124	B	164	C
5	D	45	C	85	A	125	B	165	C
6	B	46	C	86	A	126	A	166	B
7	A/B	47	D	87	C	127	ALL	167	B
8	B	48	A	88	C	128	B	168	D
9	A	49	B	89	A	129	B/D	169	B
10	C	50	C	90	C	130	B	170	C
11	A	51	D	91	A	131	A	171	C
12	D	52	D	92	D	132	C	172	D
13	B	53	D	93	C	133	B	173	C
14	C	54	A/C	94	A	134	B/C	174	D
15	C	55	A	95	D	135	C	175	C
16	D	56	C	96	A	136	C	176	C
17	A	57	C	97	D	137	A	177	A
18	A	58	B	98	D	138	B	178	B
19	B	59	B	99	C	139	B	179	B
20	C	60	D	100	C	140	D	180	B
21	C	61	A	101	A	141	B/C	181	C
22	B	62	C	102	A	142	A	182	B
23	A	63	B	103	B	143	B	183	B
24	B	64	B	104	C	144	A	184	ALL
25	A	65	C	105	C	145	D	185	D
26	B	66	D	106	A	146	A	186	C
27	A/C	67	C	107	A	147	A/C/D	187	C
28	A	68	D	108	B	148	A/D	188	A
29	B	69	A	109	A	149	B	189	C
30	B	70	A	110	B	150	B	190	A
31	D	71	A	111	B	151	D	191	B
32	A	72	A	112	B	152	B	192	A
33	A	73	A	113	C	153	C	193	C
34	C	74	D	114	A	154	A	194	B
35	A	75	B	115	C	155	C	195	B
36	A	76	D	116	C	156	C	196	B
37	B	77	A	117	A	157	A/B/C/D	197	D
38	B	78	D	118	D	158	A	198	B
39	B/D	79	C	119	D	159	B	199	B
40	A	80	A	120	C	160	B	200	C

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PRINCIPAL, ITI/ASSISTANT DIRECTOR OF TRAINING AND ASSISTANT ENGINEER (INDUSTRIES)  
IN THE TN EMPLOYMENT AND TRAINING SERVICE AND INDUSTRIES SUBORDINATE SERVICE

Subject Code: 230 (QB Code: BOEP/19) DOE: 02.03.2019 FN

Subject Name: PAPER-I BASICS OF ENGINEERING Marks: 300

VERSION KEY - C 

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	B	41	A	81	B	121	C	161	A
2	A/B	42	C	82	B	122	D	162	ALL
3	B	43	C	83	D	123	A	163	B
4	A	44	A	84	B	124	B	164	B/D
5	C	45	C	85	C	125	C	165	C
6	D	46	D	86	C	126	D	166	A
7	A	47	D	87	A	127	C	167	B
8	A	48	C	88	B	128	B	168	B
9	B	49	C	89	B	129	B	169	D
10	C	50	A	90	B	130	D	170	B/C
11	A/C	51	A	91	C	131	A	171	A
12	A	52	A	92	A	132	C	172	B
13	B	53	B	93	C	133	A	173	B
14	B	54	B	94	A	134	A	174	D
15	D	55	B	95	B	135	A	175	B
16	B/D	56	C	96	A	136	A	176	C
17	A	57	D	97	C	137	A	177	A
18	A	58	C	98	C	138	C	178	A
19	D	59	A	99	B	139	A	179	A
20	B	60	B	100	D	140	C	180	C
21	B	61	B	101	A	141	B	181	C
22	C	62	B	102	D	142	C	182	C
23	D	63	B	103	A	143	A	183	C
24	D	64	A	104	D	144	D	184	D
25	A/C	65	C	105	B	145	C	185	C
26	A	66	B	106	C	146	A	186	D
27	C	67	B/C	107	C	147	D	187	C
28	B	68	C	108	C	148	A	188	B
29	B	69	B	109	B	149	B	189	B
30	C	70	A	110	A	150	C	190	B
31	D	71	D	111	B	151	C	191	D
32	C	72	A	112	A	152	A	192	B
33	D	73	A/C/D	113	B	153	A	193	B
34	D	74	A/D	114	A	154	B	194	C
35	B	75	C	115	A	155	A	195	B
36	D	76	C	116	C	156	C	196	B
37	A	77	A/B/C/D	117	A	157	C	197	ALL
38	D	78	A	118	A	158	A	198	D
39	C	79	B	119	B	159	D	199	C
40	A	80	B	120	B	160	B	200	C

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IN THE TN EMPLOYMENT AND TRAINING SERVICE AND INDUSTRIES SUBORDINATE SERVICE

Subject Code: 230 (QB Code: BOEP/19)

DOE: 02.03.2019 FN

Subject Name: PAPER-I BASICS OF ENGINEERING

Marks: 300

VERSION KEY - D

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	D	41	B	81	D	121	D	161	B
2	A	42	B	82	A	122	D	162	C
3	A	43	C	83	A	123	C	163	B
4	B	44	A	84	C	124	C	164	B
5	C	45	B	85	C	125	A	165	D
6	B/D	46	B	86	C	126	A	166	A
7	A	47	B	87	C	127	D	167	C
8	A	48	C	88	A	128	C	168	B
9	D	49	C	89	B	129	A	169	C
10	B	50	B	90	B	130	B	170	C
11	B	51	D	91	D	131	B	171	A
12	C	52	A	92	B/C	132	B	172	A
13	B	53	D	93	A	133	B	173	B
14	B	54	C	94	B	134	A	174	C
15	C	55	D	95	B	135	D	175	A
16	D	56	A	96	B	136	A	176	C
17	C	57	B	97	D	137	A/C/D	177	B
18	D	58	C	98	B	138	A/D	178	C
19	C	59	D	99	B	139	A	179	B
20	A	60	C	100	C	140	C	180	A
21	A	61	B	101	B	141	A	181	ALL
22	C	62	A	102	A/B	142	B	182	B
23	C	63	B	103	B	143	A	183	B/D
24	A	64	A	104	A	144	C	184	B
25	C	65	B	105	C	145	B	185	B
26	B	66	A	106	A/C	146	B	186	D
27	A	67	A	107	A	147	D	187	B
28	C	68	A	108	B	148	B	188	C
29	B	69	A	109	B	149	C	189	A
30	B/C	70	A	110	D	150	A	190	B
31	C	71	A	111	D	151	D	191	B
32	A	72	D	112	B	152	B	192	ALL
33	B	73	C	113	D	153	C	193	D
34	B	74	A	114	A	154	C	194	C
35	B	75	D	115	D	155	A	195	C
36	C	76	A	116	D	156	A	196	C
37	C	77	A	117	D	157	C	197	D
38	C	78	C	118	A/C	158	A	198	C
39	A/B/C/D	79	C	119	A	159	A	199	D
40	A	80	A	120	C	160	B	200	C

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 PRINCIPAL, ITI/ASSISTANT DIRECTOR OF TRAINING AND ASSISTANT ENGINEER (INDUSTRIES)  
 IN THE TN EMPLOYMENT AND TRAINING SERVICE AND INDUSTRIES SUBORDINATE SERVICE  
 Subject Code: 003 (QB Code: BCGS/19) DOE: 02.03.2019 AN  
 Subject Name: PAPER-II GENERAL STUDIES Marks: 200  
 VERSION KEY - A B

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	A	41	B	81	A				
2	C	42	C	82	C				
3	A	43	A	83	D				
4	D	44	D	84	C				
5	ALL	45	B	85	B				
6	A	46	B	86	D				
7	A	47	A	87	B				
8	A	48	A	88	ALL				
9	C	49	A	89	B				
10	C	50	A/D	90	A				
11	A	51	B	91	A				
12	A/C	52	C	92	D				
13	C	53	D	93	A				
14	B	54	A	94	A				
15	B	55	C/D	95	C				
16	ALL	56	A	96	C				
17	C	57	C	97	B				
18	C	58	B	98	C				
19	B	59	A	99	D				
20	B	60	ALL	100	D				
21	D	61	D						
22	A	62	B						
23	C	63	C						
24	B	64	C						
25	C	65	C						
26	A	66	B						
27	C	67	C						
28	B	68	A						
29	B	69	C						
30	B	70	D						
31	C	71	A						
32	D	72	D						
33	A	73	D						
34	C	74	D						
35	B	75	D						
36	B	76	C						
37	D	77	B						
38	C	78	D						
39	ALL	79	A						
40	ALL	80	D						



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Subject Code: 003 (QB Code: BCGS/19)

DOE: 02.03.2019 AN

Subject Name: PAPER-II GENERAL STUDIES

Marks: 200

VERSION KEY - B

8

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	ALL	41	B	81	ALL				
2	A	42	B	82	C				
3	C	43	A	83	C				
4	A	44	A	84	A				
5	A/C	45	C	85	C				
6	ALL	46	C	86	D				
7	C	47	B	87	A				
8	A	48	A	88	D				
9	C	49	C	89	C				
10	B	50	A	90	B				
11	B	51	D	91	A				
12	B	52	A	92	C				
13	B	53	A	93	D				
14	C	54	C	94	ALL				
15	B	55	C	95	C				
16	ALL	56	B	96	D				
17	ALL	57	B	97	D				
18	D	58	C	98	D				
19	B	59	B	99	A				
20	B	60	B	100	A				
21	A/D	61	D						
22	B	62	C						
23	C	63	A						
24	D	64	C						
25	C	65	C						
26	B	66	D						
27	D	67	A						
28	B	68	B						
29	C	69	D						
30	B	70	C						
31	C	71	B						
32	D	72	C						
33	D	73	A						
34	D	74	A						
35	D	75	A						
36	A	76	A						
37	D	77	A						
38	C	78	C/D						
39	B	79	A						
40	D	80	A						

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Subject Code: 003 (QB Code: BCGS/19) DOE: 02.03.2019 AN  
 Subject Name: PAPER-II GENERAL STUDIES Marks: 200

VERSION KEY - C

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	C	41	C	81	B				
2	A	42	D	82	D				
3	A/C	43	A	83	C				
4	A	44	A	84	D				
5	C	45	C	85	A				
6	B	46	D	86	B				
7	C	47	C	87	C				
8	B	48	D	88	A				
9	D	49	D	89	A				
10	B	50	ALL	90	C/D				
11	B	51	A	91	A				
12	C	52	ALL	92	C				
13	B	53	C	93	C				
14	B	54	B	94	D				
15	C	55	B	95	C				
16	D	56	B	96	B				
17	A	57	ALL	97	D				
18	D	58	ALL	98	A				
19	B	59	A/D	99	A				
20	A	60	B	100	ALL				
21	A	61	C						
22	A	62	D						
23	C	63	D						
24	A	64	B						
25	D	65	C						
26	C	66	D						
27	B	67	D						
28	B	68	D						
29	C	69	C						
30	A	70	B						
31	C	71	D						
32	B	72	B						
33	D	73	C						
34	C	74	C						
35	A	75	B						
36	A	76	A						
37	A	77	A						
38	A	78	C						
39	ALL	79	C						
40	A	80	B						

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Subject Code: 003 (QB Code: BCGS/19) ✓ DOE: 02.03.2019 AN ✓  
 Subject Name: PAPER-II GENERAL STUDIES Marks: 200  
 VERSION KEY - D μ

S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key	S.No.	Key
1	A	41	D	81	D				
2	C	42	C	82	B				
3	B	43	C	83	C				
4	D	44	B	84	A				
5	B	45	C	85	A				
6	B	46	A	86	C				
7	B	47	D	87	C				
8	C	48	A	88	B				
9	B	49	A	89	D				
10	A	50	C	90	B				
11	A	51	A	91	C				
12	B	52	A/C	92	D				
13	D	53	C	93	A				
14	C	54	B	94	A				
15	C	55	D	95	C/D				
16	B	56	A	96	A				
17	B	57	D	97	ALL				
18	A	58	C	98	D				
19	ALL	59	B	99	C				
20	A	60	A	100	B				
21	C	61	C						
22	D	62	A						
23	ALL	63	D						
24	A	64	C						
25	A/D	65	A						
26	B	66	C						
27	C	67	A						
28	D	68	A						
29	B	69	A						
30	B	70	C						
31	B	71	D						
32	D	72	D						
33	D	73	A						
34	D	74	C						
35	C	75	D						
36	C	76	A						
37	B	77	ALL						
38	C	78	C						
39	B	79	ALL						
40	B	80	ALL						