



2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Calculateurs et interfacade / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	8.25	14.0	10.55	NORMALE
2	191939068383	10.25	13.25	11.45	NORMALE
3	191939063882	10.0	13.0	11.2	NORMALE
4	191939063869	10.5	13.0	11.5	NORMALE
5	171739064228	11.5	13.0	12.1	NORMALE
6	191939068257	11.5	13.25	12.2	NORMALE
7	191939064312	13.25	13.0	13.15	NORMALE
8	161539064735	12.5	13.0	12.7	NORMALE
9	191939064371	12.5	15.0	13.5	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	14.5	12.5	13.7	NORMALE
12	181939078935	11.0	13.25	11.9	NORMALE
13	191939064504	15.0	12.5	14.0	NORMALE
14	181839063764	15.5	12.5	14.3	NORMALE
15	191939071325	14.5	12.75	13.8	NORMALE
16	181839064089	14.5	12.5	13.7	NORMALE
17	171739068712	9.0	13.0	10.6	NORMALE
18	171739064406	10.0	13.0	11.2	NORMALE
19	191939065537	8.0	12.75	9.9	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	15.5	13.25	14.6	NORMALE
22	191939065034	14.0	13.5	13.8	NORMALE
23	191939070993	13.75	14.75	14.15	NORMALE
24	191939079536	14.0	10.0	12.4	NORMALE
25	191939065184	14.5	13.25	14.0	NORMALE
26	181839072263	9.5	12.75	10.8	NORMALE
27	191939065938	10.0	13.25	11.3	NORMALE
28	181939078907	13.5	12.75	13.2	NORMALE
29	191939065950	13.5	15.0	14.1	NORMALE
30	191939064391	11.5	14.0	12.5	NORMALE
31	191939063426	14.0	13.0	13.6	NORMALE
32	191939066786	10.0	13.0	11.2	NORMALE
33	191939064487	9.0	13.0	10.6	NORMALE
34	181839062828	14.25	12.5	13.55	NORMALE
35	191939068867	5.0	13.25	8.3	NORMALE
36	191939066247	10.75	14.0	12.05	NORMALE
37	181839071855	11.5	14.0	12.5	NORMALE
38	191939071267	12.5	14.75	13.4	NORMALE
39	191939065849	13.5	13.0	13.3	NORMALE
40	181839062704	9.0	12.5	10.4	NORMALE
41	171735034628	11.5	13.0	12.1	NORMALE
42	19099050927	6.5	13.5	9.3	NORMALE
43	191939071367	13.75	13.75	13.75	NORMALE
44	191939065527	13.5	12.75	13.2	NORMALE
45	191939065407	13.25	12.5	12.95	NORMALE
46	21089051958	10.33	10.33	10.33	NORMALE
47	171737000541	10.0	13.25	11.3	NORMALE
48	191939065988	15.25	15.0	15.15	NORMALE

2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Capteurs et Mesures en Télécommunications / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	10.0	0.0	10.0	NORMALE
2	191939068383	15.25	0.0	15.25	NORMALE
3	191939063882	10.75	0.0	10.75	NORMALE
4	191939063869	10.75	0.0	10.75	NORMALE
5	171739064228	10.0	0.0	10.0	NORMALE
6	191939068257	13.0	0.0	13.0	NORMALE
7	191939064312	14.25	0.0	14.25	NORMALE
8	161539064735	0.0	0.0	0.0	NORMALE
9	191939064371	10.0	0.0	10.0	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	11.5	0.0	11.5	NORMALE
12	181939078935	10.5	0.0	10.5	NORMALE
13	191939064504	12.0	0.0	12.0	NORMALE
14	181839063764	13.75	0.0	13.75	NORMALE
15	191939071325	12.75	0.0	12.75	NORMALE
16	181839064089	10.5	0.0	10.5	NORMALE
17	171739068712	10.75	0.0	10.75	NORMALE
18	171739064406	10.0	0.0	10.0	NORMALE
19	191939065537	13.5	0.0	13.5	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	10.0	0.0	10.0	NORMALE
22	191939065034	13.0	0.0	13.0	NORMALE
23	191939070993	16.0	0.0	16.0	NORMALE
24	191939079536	10.5	0.0	10.5	NORMALE
25	191939065184	11.0	0.0	11.0	NORMALE
26	181839072263	10.0	0.0	10.0	NORMALE
27	191939065938	14.25	0.0	14.25	NORMALE
28	181939078907	11.5	0.0	11.5	NORMALE
29	191939065950	13.5	0.0	13.5	NORMALE
30	191939064391	10.5	0.0	10.5	NORMALE
31	191939063426	10.75	0.0	10.75	NORMALE
32	191939066786	11.25	0.0	11.25	NORMALE
33	191939064487	12.25	0.0	12.25	NORMALE
34	181839062828	10.25	0.0	10.25	NORMALE
35	191939068867	10.5	0.0	10.5	NORMALE
36	191939066247	12.5	0.0	12.5	NORMALE
37	181839071855	13.75	0.0	13.75	NORMALE
38	191939071267	17.0	0.0	17.0	NORMALE
39	191939065849	10.5	0.0	10.5	NORMALE
40	181839062704	10.0	0.0	10.0	NORMALE
41	171735034628	10.0	0.0	10.0	NORMALE
42	19099050927	11.0	0.0	11.0	NORMALE
43	191939071367	14.0	0.0	14.0	NORMALE
44	191939065527	15.0	0.0	15.0	NORMALE
45	191939065407	16.0	0.0	16.0	NORMALE
46	21089051958	10.25	0.0	10.25	NORMALE
47	171737000541	10.5	0.0	10.5	NORMALE
48	191939065988	12.0	0.0	12.0	NORMALE

2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Communications analogiques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	11.0	17.75	13.7	NORMALE
2	191939068383	16.0	12.75	14.7	NORMALE
3	191939063882	10.0	12.25	10.9	NORMALE
4	191939063869	8.0	17.75	11.9	NORMALE
5	171739064228	10.0	10.75	10.3	NORMALE
6	191939068257	8.0	16.75	11.5	NORMALE
7	191939064312	14.0	18.75	15.9	NORMALE
8	161539064735	10.0	10.25	10.1	NORMALE
9	191939064371	14.0	16.25	14.9	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	9.0	13.5	10.8	NORMALE
12	181939078935	14.0	15.5	14.6	NORMALE
13	191939064504	10.0	15.5	12.2	NORMALE
14	181839063764	10.0	14.5	11.8	NORMALE
15	191939071325	10.0	16.75	12.7	NORMALE
16	181839064089	12.0	11.75	11.9	NORMALE
17	171739068712	12.0	11.75	11.9	NORMALE
18	171739064406	14.0	17.25	15.3	NORMALE
19	191939065537	16.0	12.25	14.5	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	12.0	12.25	12.1	NORMALE
22	191939065034	12.0	17.25	14.1	NORMALE
23	191939070993	20.0	19.25	19.7	NORMALE
24	191939079536	20.0	13.5	17.4	NORMALE
25	191939065184	14.0	16.0	14.8	NORMALE
26	181839072263	7.0	9.75	8.1	NORMALE
27	191939065938	8.0	17.5	11.8	NORMALE
28	181939078907	18.0	16.0	17.2	NORMALE
29	191939065950	14.0	13.75	13.9	NORMALE
30	191939064391	8.0	13.25	10.1	NORMALE
31	191939063426	13.0	17.75	14.9	NORMALE
32	191939066786	14.0	18.75	15.9	NORMALE
33	191939064487	20.0	18.75	19.5	NORMALE
34	181839062828	16.0	15.75	15.9	NORMALE
35	191939068867	12.0	12.0	12.0	NORMALE
36	191939066247	12.0	17.5	14.2	NORMALE
37	181839071855	10.0	18.25	13.3	NORMALE
38	191939071267	18.0	19.25	18.5	NORMALE
39	191939065849	18.0	14.25	16.5	NORMALE
40	181839062704	7.0	18.25	11.5	NORMALE
41	171735034628	10.0	9.75	9.9	NORMALE
42	19099050927	8.0	18.25	12.1	NORMALE
43	191939071367	14.0	15.75	14.7	NORMALE
44	191939065527	12.0	16.25	13.7	NORMALE
45	191939065407	16.0	18.0	16.8	NORMALE
46	21089051958	7.0	9.75	8.1	NORMALE
47	171737000541	12.0	13.25	12.5	NORMALE
48	191939065988	12.0	18.75	14.7	NORMALE

2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Ondes et Propagation / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	10.0	5.0	8.0	NORMALE
2	191939068383	1.0	5.0	2.6	NORMALE
3	191939063882	7.0	6.5	6.8	NORMALE
4	191939063869	10.0	5.0	8.0	NORMALE
5	171739064228	1.0	6.5	3.2	NORMALE
6	191939068257	12.0	5.0	9.2	NORMALE
7	191939064312	2.0	4.5	3.0	NORMALE
8	161539064735	0.0	5.0	2.0	NORMALE
9	191939064371	10.0	5.0	8.0	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	10.0	13.0	11.2	NORMALE
12	181939078935	10.0	5.0	8.0	NORMALE
13	191939064504	10.0	6.0	8.4	NORMALE
14	181839063764	2.0	4.5	3.0	NORMALE
15	191939071325	1.0	5.0	2.6	NORMALE
16	181839064089	10.0	8.5	9.4	NORMALE
17	171739068712	2.0	1.5	1.8	NORMALE
18	171739064406	10.0	9.0	9.6	NORMALE
19	191939065537	1.0	13.0	5.8	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	1.0	6.5	3.2	NORMALE
22	191939065034	3.0	7.0	4.6	NORMALE
23	191939070993	10.0	10.0	10.0	NORMALE
24	191939079536	10.0	12.5	11.0	NORMALE
25	191939065184	2.0	13.0	6.4	NORMALE
26	181839072263	2.0	5.0	3.2	NORMALE
27	191939065938	10.0	9.0	9.6	NORMALE
28	181939078907	10.0	9.0	9.6	NORMALE
29	191939065950	10.0	5.0	8.0	NORMALE
30	191939064391	1.0	8.0	3.8	NORMALE
31	191939063426	10.0	4.5	7.8	NORMALE
32	191939066786	2.0	7.0	4.0	NORMALE
33	191939064487	1.0	5.0	2.6	NORMALE
34	181839062828	2.0	2.0	2.0	NORMALE
35	191939068867	1.0	6.0	3.0	NORMALE
36	191939066247	10.0	8.5	9.4	NORMALE
37	181839071855	2.0	8.0	4.4	NORMALE
38	191939071267	1.0	11.0	5.0	NORMALE
39	191939065849	11.0	6.0	9.0	NORMALE
40	181839062704	10.0	9.0	9.6	NORMALE
41	171735034628	1.0	5.0	2.6	NORMALE
42	19099050927	1.0	4.0	2.2	NORMALE
43	191939071367	10.0	5.0	8.0	NORMALE
44	191939065527	10.0	13.0	11.2	NORMALE
45	191939065407	2.0	6.0	3.6	NORMALE
46	21089051958	2.0	5.0	3.2	NORMALE
47	171737000541	3.0	8.0	5.0	NORMALE
48	191939065988	10.0	5.0	8.0	NORMALE

2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Supports de transmission / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	16.0	0.0	16.0	NORMALE
2	191939068383	20.0	0.0	20.0	NORMALE
3	191939063882	6.0	0.0	6.0	NORMALE
4	191939063869	13.0	0.0	13.0	NORMALE
5	171739064228	13.0	0.0	13.0	NORMALE
6	191939068257	20.0	0.0	20.0	NORMALE
7	191939064312	11.0	0.0	11.0	NORMALE
8	161539064735	6.5	0.0	6.5	NORMALE
9	191939064371	7.0	0.0	7.0	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	14.5	0.0	14.5	NORMALE
12	181939078935	20.0	0.0	20.0	NORMALE
13	191939064504	20.0	0.0	20.0	NORMALE
14	181839063764	18.5	0.0	18.5	NORMALE
15	191939071325	10.75	0.0	10.75	NORMALE
16	181839064089	10.0	0.0	10.0	NORMALE
17	171739068712	6.0	0.0	6.0	NORMALE
18	171739064406	8.0	0.0	8.0	NORMALE
19	191939065537	20.0	0.0	20.0	NORMALE
20	20921576022	10.0	0.0	10.0	NORMALE
21	191939078816	10.0	0.0	10.0	NORMALE
22	191939065034	5.0	0.0	5.0	NORMALE
23	191939070993	18.0	0.0	18.0	NORMALE
24	191939079536	10.0	0.0	10.0	NORMALE
25	191939065184	18.0	0.0	18.0	NORMALE
26	181839072263	5.5	0.0	5.5	NORMALE
27	191939065938	4.0	0.0	4.0	NORMALE
28	181939078907	10.0	0.0	10.0	NORMALE
29	191939065950	4.0	0.0	4.0	NORMALE
30	191939064391	8.0	0.0	8.0	NORMALE
31	191939063426	20.0	0.0	20.0	NORMALE
32	191939066786	13.25	0.0	13.25	NORMALE
33	191939064487	12.0	0.0	12.0	NORMALE
34	181839062828	12.0	0.0	12.0	NORMALE
35	191939068867	6.0	0.0	6.0	NORMALE
36	191939066247	13.0	0.0	13.0	NORMALE
37	181839071855	16.0	0.0	16.0	NORMALE
38	191939071267	20.0	0.0	20.0	NORMALE
39	191939065849	14.0	0.0	14.0	NORMALE
40	181839062704	5.5	0.0	5.5	NORMALE
41	171735034628	4.0	0.0	4.0	NORMALE
42	19099050927	11.5	0.0	11.5	NORMALE
43	191939071367	3.0	0.0	3.0	NORMALE
44	191939065527	17.0	0.0	17.0	NORMALE
45	191939065407	20.0	0.0	20.0	NORMALE
46	21089051958	10.0	0.0	10.0	NORMALE
47	171737000541	14.5	0.0	14.5	NORMALE
48	191939065988	3.25	0.0	3.25	NORMALE

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2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Systèmes et réseaux de télécommunication / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	0.0	9.0	3.6	NORMALE
2	191939068383	12.25	14.0	12.95	NORMALE
3	191939063882	6.0	11.0	8.0	NORMALE
4	191939063869	10.75	13.5	11.85	NORMALE
5	171739064228	7.0	13.0	9.4	NORMALE
6	191939068257	11.0	13.0	11.8	NORMALE
7	191939064312	11.5	10.5	11.1	NORMALE
8	161539064735	1.5	7.0	3.7	NORMALE
9	191939064371	6.0	14.0	9.2	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	10.0	13.0	11.2	NORMALE
12	181939078935	7.0	13.5	9.6	NORMALE
13	191939064504	13.0	16.5	14.4	NORMALE
14	181839063764	14.5	15.5	14.9	NORMALE
15	191939071325	9.0	14.5	11.2	NORMALE
16	181839064089	10.0	13.0	11.2	NORMALE
17	171739068712	5.0	8.0	6.2	NORMALE
18	171739064406	8.5	13.0	10.3	NORMALE
19	191939065537	12.0	14.0	12.8	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	8.0	11.5	9.4	NORMALE
22	191939065034	8.0	15.5	11.0	NORMALE
23	191939070993	13.0	17.0	14.6	NORMALE
24	191939079536	7.0	14.0	9.8	NORMALE
25	191939065184	10.0	13.5	11.4	NORMALE
26	181839072263	5.0	7.0	5.8	NORMALE
27	191939065938	7.0	14.0	9.8	NORMALE
28	181939078907	15.0	14.0	14.6	NORMALE
29	191939065950	4.0	14.0	8.0	NORMALE
30	191939064391	7.0	12.0	9.0	NORMALE
31	191939063426	12.0	10.5	11.4	NORMALE
32	191939066786	13.5	13.5	13.5	NORMALE
33	191939064487	12.5	10.5	11.7	NORMALE
34	181839062828	8.0	13.5	10.2	NORMALE
35	191939068867	10.0	10.5	10.2	NORMALE
36	191939066247	10.0	10.5	10.2	NORMALE
37	181839071855	13.0	13.0	13.0	NORMALE
38	191939071267	12.5	17.0	14.3	NORMALE
39	191939065849	6.0	10.5	7.8	NORMALE
40	181839062704	5.0	10.5	7.2	NORMALE
41	171735034628	10.0	11.0	10.4	NORMALE
42	19099050927	12.5	16.0	13.9	NORMALE
43	191939071367	8.0	14.0	10.4	NORMALE
44	191939065527	11.25	13.75	12.25	NORMALE
45	191939065407	12.5	14.0	13.1	NORMALE
46	21089051958	0.0	11.0	4.4	NORMALE
47	171737000541	11.0	11.5	11.2	NORMALE
48	191939065988	10.0	14.0	11.6	NORMALE

2021/2022

Filière: télécommunications
Télécommunications

Niveau:

Matière: Téléphonie / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	16.0	0.0	16.0	NORMALE
2	191939068383	17.0	0.0	17.0	NORMALE
3	191939063882	11.0	0.0	11.0	NORMALE
4	191939063869	15.5	0.0	15.5	NORMALE
5	171739064228	15.5	0.0	15.5	NORMALE
6	191939068257	16.5	0.0	16.5	NORMALE
7	191939064312	19.5	0.0	19.5	NORMALE
8	161539064735	19.5	0.0	19.5	NORMALE
9	191939064371	12.5	0.0	12.5	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	18.0	0.0	18.0	NORMALE
12	181939078935	16.0	0.0	16.0	NORMALE
13	191939064504	18.0	0.0	18.0	NORMALE
14	181839063764	19.5	0.0	19.5	NORMALE
15	191939071325	17.0	0.0	17.0	NORMALE
16	181839064089	16.0	0.0	16.0	NORMALE
17	171739068712	13.0	0.0	13.0	NORMALE
18	171739064406	17.0	0.0	17.0	NORMALE
19	191939065537	13.5	0.0	13.5	NORMALE
20	20921576022	10.0	0.0	10.0	NORMALE
21	191939078816	17.0	0.0	17.0	NORMALE
22	191939065034	15.5	0.0	15.5	NORMALE
23	191939070993	20.0	0.0	20.0	NORMALE
24	191939079536	16.0	0.0	16.0	NORMALE
25	191939065184	18.0	0.0	18.0	NORMALE
26	181839072263	6.0	0.0	6.0	NORMALE
27	191939065938	12.5	0.0	12.5	NORMALE
28	181939078907	19.5	0.0	19.5	NORMALE
29	191939065950	15.5	0.0	15.5	NORMALE
30	191939064391	12.5	0.0	12.5	NORMALE
31	191939063426	16.0	0.0	16.0	NORMALE
32	191939066786	14.5	0.0	14.5	NORMALE
33	191939064487	19.0	0.0	19.0	NORMALE
34	181839062828	18.5	0.0	18.5	NORMALE
35	191939068867	10.5	0.0	10.5	NORMALE
36	191939066247	17.0	0.0	17.0	NORMALE
37	181839071855	19.5	0.0	19.5	NORMALE
38	191939071267	0.0	0.0	0.0	NORMALE
39	191939065849	16.5	0.0	16.5	NORMALE
40	181839062704	16.0	0.0	16.0	NORMALE
41	171735034628	16.0	0.0	16.0	NORMALE
42	19099050927	7.5	0.0	7.5	NORMALE
43	191939071367	10.5	0.0	10.5	NORMALE
44	191939065527	18.0	0.0	18.0	NORMALE
45	191939065407	18.0	0.0	18.0	NORMALE
46	21089051958	0.0	0.0	0.0	NORMALE
47	171737000541	14.0	0.0	14.0	NORMALE
48	191939065988	16.5	0.0	16.5	NORMALE

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Filière: télécommunications
Télécommunications

Niveau:

Matière: TP Communications analogiques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	0.0	11.0	11.0	NORMALE
2	191939068383	0.0	17.0	17.0	NORMALE
3	191939063882	0.0	15.0	15.0	NORMALE
4	191939063869	0.0	11.0	11.0	NORMALE
5	171739064228	0.0	10.0	10.0	NORMALE
6	191939068257	0.0	17.0	17.0	NORMALE
7	191939064312	0.0	15.0	15.0	NORMALE
8	161539064735	0.0	10.0	10.0	NORMALE
9	191939064371	0.0	15.0	15.0	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	0.0	14.0	14.0	NORMALE
12	181939078935	0.0	12.0	12.0	NORMALE
13	191939064504	0.0	12.0	12.0	NORMALE
14	181839063764	0.0	12.0	12.0	NORMALE
15	191939071325	0.0	17.0	17.0	NORMALE
16	181839064089	0.0	13.0	13.0	NORMALE
17	171739068712	0.0	13.0	13.0	NORMALE
18	171739064406	0.0	13.0	13.0	NORMALE
19	191939065537	0.0	15.0	15.0	NORMALE
20	20921576022	0.0	0.0	0.0	NORMALE
21	191939078816	0.0	10.0	10.0	NORMALE
22	191939065034	0.0	10.0	10.0	NORMALE
23	191939070993	0.0	17.0	17.0	NORMALE
24	191939079536	0.0	14.0	14.0	NORMALE
25	191939065184	0.0	14.0	14.0	NORMALE
26	181839072263	0.0	11.0	11.0	NORMALE
27	191939065938	0.0	14.0	14.0	NORMALE
28	181939078907	0.0	14.0	14.0	NORMALE
29	191939065950	0.0	15.0	15.0	NORMALE
30	191939064391	0.0	13.0	13.0	NORMALE
31	191939063426	0.0	11.0	11.0	NORMALE
32	191939066786	0.0	15.0	15.0	NORMALE
33	191939064487	0.0	15.0	15.0	NORMALE
34	181839062828	0.0	13.0	13.0	NORMALE
35	191939068867	0.0	12.0	12.0	NORMALE
36	191939066247	0.0	14.0	14.0	NORMALE
37	181839071855	0.0	13.0	13.0	NORMALE
38	191939071267	0.0	17.0	17.0	NORMALE
39	191939065849	0.0	10.0	10.0	NORMALE
40	181839062704	0.0	13.0	13.0	NORMALE
41	171735034628	0.0	10.0	10.0	NORMALE
42	19099050927	0.0	13.0	13.0	NORMALE
43	191939071367	0.0	13.0	13.0	NORMALE
44	191939065527	0.0	15.0	15.0	NORMALE
45	191939065407	0.0	12.0	12.0	NORMALE
46	21089051958	0.0	10.38	10.38	NORMALE
47	171737000541	0.0	13.0	13.0	NORMALE
48	191939065988	0.0	15.0	15.0	NORMALE

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Filière: télécommunications
Télécommunications

Niveau:

Matière: TP Ondes et Propagation / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	0.0	12.0	12.0	NORMALE
2	191939068383	0.0	13.75	13.75	NORMALE
3	191939063882	0.0	15.75	15.75	NORMALE
4	191939063869	0.0	13.0	13.0	NORMALE
5	171739064228	0.0	12.25	12.25	NORMALE
6	191939068257	0.0	14.25	14.25	NORMALE
7	191939064312	0.0	13.0	13.0	NORMALE
8	161539064735	0.0	12.0	12.0	NORMALE
9	191939064371	0.0	13.0	13.0	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	0.0	13.25	13.25	NORMALE
12	181939078935	0.0	11.5	11.5	NORMALE
13	191939064504	0.0	14.25	14.25	NORMALE
14	181839063764	0.0	14.25	14.25	NORMALE
15	191939071325	0.0	13.75	13.75	NORMALE
16	181839064089	0.0	12.5	12.5	NORMALE
17	171739068712	0.0	13.0	13.0	NORMALE
18	171739064406	0.0	12.5	12.5	NORMALE
19	191939065537	0.0	15.25	15.25	NORMALE
20	20921576022	0.0	12.0	12.0	NORMALE
21	191939078816	0.0	5.0	5.0	NORMALE
22	191939065034	0.0	14.5	14.5	NORMALE
23	191939070993	0.0	17.0	17.0	NORMALE
24	191939079536	0.0	13.75	13.75	NORMALE
25	191939065184	0.0	12.25	12.25	NORMALE
26	181839072263	0.0	12.25	12.25	NORMALE
27	191939065938	0.0	14.25	14.25	NORMALE
28	181939078907	0.0	14.75	14.75	NORMALE
29	191939065950	0.0	14.0	14.0	NORMALE
30	191939064391	0.0	14.0	14.0	NORMALE
31	191939063426	0.0	14.0	14.0	NORMALE
32	191939066786	0.0	14.75	14.75	NORMALE
33	191939064487	0.0	12.5	12.5	NORMALE
34	181839062828	0.0	13.0	13.0	NORMALE
35	191939068867	0.0	11.5	11.5	NORMALE
36	191939066247	0.0	12.5	12.5	NORMALE
37	181839071855	0.0	14.0	14.0	NORMALE
38	191939071267	0.0	17.0	17.0	NORMALE
39	191939065849	0.0	13.25	13.25	NORMALE
40	181839062704	0.0	12.5	12.5	NORMALE
41	171735034628	0.0	12.5	12.5	NORMALE
42	19099050927	0.0	12.25	12.25	NORMALE
43	191939071367	0.0	14.75	14.75	NORMALE
44	191939065527	0.0	15.25	15.25	NORMALE
45	191939065407	0.0	13.75	13.75	NORMALE
46	21089051958	0.0	11.75	11.75	NORMALE
47	171737000541	0.0	7.75	7.75	NORMALE
48	191939065988	0.0	14.0	14.0	NORMALE

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Filière: télécommunications
Télécommunications

Niveau:

Matière: TP Traitement du signal / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	0.0	13.0	13.0	NORMALE
2	191939068383	0.0	13.5	13.5	NORMALE
3	191939063882	0.0	13.5	13.5	NORMALE
4	191939063869	0.0	13.0	13.0	NORMALE
5	171739064228	0.0	13.0	13.0	NORMALE
6	191939068257	0.0	13.5	13.5	NORMALE
7	191939064312	0.0	13.5	13.5	NORMALE
8	161539064735	0.0	13.0	13.0	NORMALE
9	191939064371	0.0	15.5	15.5	NORMALE
10	181839069433	0.0	13.0	13.0	NORMALE
11	191939070012	0.0	13.75	13.75	NORMALE
12	181939078935	0.0	13.5	13.5	NORMALE
13	191939064504	0.0	14.0	14.0	NORMALE
14	181839063764	0.0	14.0	14.0	NORMALE
15	191939071325	0.0	13.0	13.0	NORMALE
16	181839064089	0.0	14.0	14.0	NORMALE
17	171739068712	0.0	15.0	15.0	NORMALE
18	171739064406	0.0	13.5	13.5	NORMALE
19	191939065537	0.0	13.0	13.0	NORMALE
20	20921576022	0.0	11.0	11.0	NORMALE
21	191939078816	0.0	14.0	14.0	NORMALE
22	191939065034	0.0	14.0	14.0	NORMALE
23	191939070993	0.0	14.0	14.0	NORMALE
24	191939079536	0.0	13.75	13.75	NORMALE
25	191939065184	0.0	13.5	13.5	NORMALE
26	181839072263	0.0	13.5	13.5	NORMALE
27	191939065938	0.0	13.5	13.5	NORMALE
28	181939078907	0.0	13.5	13.5	NORMALE
29	191939065950	0.0	15.0	15.0	NORMALE
30	191939064391	0.0	15.0	15.0	NORMALE
31	191939063426	0.0	13.0	13.0	NORMALE
32	191939066786	0.0	13.5	13.5	NORMALE
33	191939064487	0.0	13.5	13.5	NORMALE
34	181839062828	0.0	13.0	13.0	NORMALE
35	191939068867	0.0	13.5	13.5	NORMALE
36	191939066247	0.0	13.5	13.5	NORMALE
37	181839071855	0.0	15.0	15.0	NORMALE
38	191939071267	0.0	14.0	14.0	NORMALE
39	191939065849	0.0	15.0	15.0	NORMALE
40	181839062704	0.0	14.0	14.0	NORMALE
41	171735034628	0.0	15.5	15.5	NORMALE
42	19099050927	0.0	14.0	14.0	NORMALE
43	191939071367	0.0	13.5	13.5	NORMALE
44	191939065527	0.0	13.0	13.0	NORMALE
45	191939065407	0.0	14.0	14.0	NORMALE
46	21089051958	0.0	11.32	11.32	NORMALE
47	171737000541	0.0	15.0	15.0	NORMALE
48	191939065988	0.0	15.5	15.5	NORMALE

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Filière: télécommunications
Télécommunications

Niveau:

Matière: Traitement du signal / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	161639065464	0.0	15.0	6.0	NORMALE
2	191939068383	6.0	13.0	8.8	NORMALE
3	191939063882	2.0	12.0	6.0	NORMALE
4	191939063869	3.0	12.0	6.6	NORMALE
5	171739064228	6.0	12.0	8.4	NORMALE
6	191939068257	6.0	13.0	8.8	NORMALE
7	191939064312	8.0	14.0	10.4	NORMALE
8	161539064735	0.0	15.0	6.0	NORMALE
9	191939064371	3.0	12.0	6.6	NORMALE
10	181839069433	0.0	0.0	0.0	NORMALE
11	191939070012	4.0	12.0	7.2	NORMALE
12	181939078935	4.0	12.0	7.2	NORMALE
13	191939064504	4.0	12.0	7.2	NORMALE
14	181839063764	4.0	12.0	7.2	NORMALE
15	191939071325	6.0	13.0	8.8	NORMALE
16	181839064089	3.0	12.0	6.6	NORMALE
17	171739068712	3.0	12.0	6.6	NORMALE
18	171739064406	5.0	13.0	8.2	NORMALE
19	191939065537	8.0	14.0	10.4	NORMALE
20	20921576022	10.0	10.0	10.0	NORMALE
21	191939078816	4.0	12.0	7.2	NORMALE
22	191939065034	2.0	12.0	6.0	NORMALE
23	191939070993	8.0	14.0	10.4	NORMALE
24	191939079536	8.0	14.0	10.4	NORMALE
25	191939065184	6.0	13.0	8.8	NORMALE
26	181839072263	3.0	12.0	6.6	NORMALE
27	191939065938	3.0	12.0	6.6	NORMALE
28	181939078907	6.0	13.0	8.8	NORMALE
29	191939065950	3.0	12.0	6.6	NORMALE
30	191939064391	3.0	15.0	7.8	NORMALE
31	191939063426	3.0	12.0	6.6	NORMALE
32	191939066786	12.0	16.0	13.6	NORMALE
33	191939064487	6.0	13.0	8.8	NORMALE
34	181839062828	2.0	12.0	6.0	NORMALE
35	191939068867	3.0	12.0	6.6	NORMALE
36	191939066247	3.0	12.0	6.6	NORMALE
37	181839071855	5.0	13.0	8.2	NORMALE
38	191939071267	12.0	16.0	13.6	NORMALE
39	191939065849	2.0	12.0	6.0	NORMALE
40	181839062704	3.0	12.0	6.6	NORMALE
41	171735034628	0.0	15.0	6.0	NORMALE
42	19099050927	4.0	12.0	7.2	NORMALE
43	191939071367	4.0	12.0	7.2	NORMALE
44	191939065527	6.0	13.0	8.8	NORMALE
45	191939065407	10.0	15.0	12.0	NORMALE
46	21089051958	11.32	11.32	11.32	NORMALE
47	171737000541	3.0	12.0	6.6	NORMALE
48	191939065988	3.0	12.0	6.6	NORMALE