

2021/2022

Filière: Electromécanique
electromécanique

Niveau:

Matière: anglais technique / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	12.0	0.0	12.0
2	202039062984	5.0	0.0	5.0
3	202039067231	10.0	0.0	10.0
4	202039069403	5.0	0.0	5.0
5	202039067409	8.0	0.0	8.0
6	202039066386	13.0	0.0	13.0
7	202039067798	12.0	0.0	12.0
8	202039071001	1.0	0.0	1.0
9	202039067380	1.0	0.0	1.0
10	202039064639	13.0	0.0	13.0
11	202039070062	11.0	0.0	11.0
12	202039070107	7.0	0.0	7.0
13	202039065248	5.0	0.0	5.0
14	202039065421	8.0	0.0	8.0
15	202039065477	5.0	0.0	5.0
16	202039064353	0.0	0.0	0.0
17	202039064154	10.0	0.0	10.0
18	202039071625	10.0	0.0	10.0
19	171939078858	13.0	0.0	13.0
20	202039067328	10.0	0.0	10.0
21	202039071755	5.0	0.0	5.0
22	202039065130	12.0	0.0	12.0
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
electromécanique

Niveau:

Matière: anglais technique / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	16.0	0.0	16.0
2	202039070064	15.0	0.0	15.0
3	202039066553	8.0	0.0	8.0
4	202039062774	8.0	0.0	8.0
5	202039064642	16.5	0.0	16.5
6	202039066862	8.0	0.0	8.0
7	202039062184	11.0	0.0	11.0
8	202039069421	13.0	0.0	13.0
9	202039066737	12.0	0.0	12.0
10	191939064720	13.5	0.0	13.5
11	202039063005	12.5	0.0	12.5
12	202039067259	14.0	0.0	14.0
13	202039069724	10.0	0.0	10.0
14	202039062994	15.0	0.0	15.0
15	202039063471	13.0	0.0	13.0
16	191939063544	10.0	0.0	10.0
17	202039071591	10.0	0.0	10.0
18	191939069723	0.0	0.0	0.0
19	202039063407	12.0	0.0	12.0
20	202039066784	7.5	0.0	7.5
21	202039066414	5.0	0.0	5.0
22	202039071546	10.0	0.0	10.0
23	202039064635	12.0	0.0	12.0

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Filière: Electromécanique
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Niveau:

Matière: anglais technique / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	0.0	0.0
2	202039064537	10.0	0.0	10.0
3	202039064257	5.0	0.0	5.0
4	202039076668	7.0	0.0	7.0
5	202039072038	12.5	0.0	12.5
6	202039071679	10.0	0.0	10.0
7	202039070238	5.0	0.0	5.0
8	202039067163	8.0	0.0	8.0
9	202039066491	5.0	0.0	5.0
10	202039067390	5.0	0.0	5.0
11	202039064319	13.0	0.0	13.0
12	202039064221	0.0	0.0	0.0
13	202039066494	6.0	0.0	6.0
14	191939054510	10.0	0.0	10.0
15	202039067359	10.0	0.0	10.0
16	202039069726	12.0	0.0	12.0
17	202039067106	6.0	0.0	6.0
18	202039067358	10.0	0.0	10.0
19	202039064219	5.0	0.0	5.0
20	202039067713	10.0	0.0	10.0
21	202039066858	5.0	0.0	5.0

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Filière: Electromécanique
electromécanique

Niveau:

Matière: anglais technique / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	11.0	0.0	11.0
2	202039067343	11.0	0.0	11.0
3	202039065474	11.0	0.0	11.0
4	202039066813	16.0	0.0	16.0
5	202039067107	15.0	0.0	15.0
6	202039065489	11.0	0.0	11.0
7	191939068375	12.0	0.0	12.0
8	191939067962	10.0	0.0	10.0
9	202039066868	13.0	0.0	13.0
10	191939068866	11.0	0.0	11.0
11	202039063544	16.0	0.0	16.0
12	202039067810	15.0	0.0	15.0
13	202039072267	11.0	0.0	11.0
14	202039069803	12.0	0.0	12.0
15	202039064295	13.0	0.0	13.0
16	202039062816	15.0	0.0	15.0
17	202039065263	7.0	0.0	7.0
18	202039067318	14.0	0.0	14.0
19	202039070969	14.0	0.0	14.0
20	202039064609	11.0	0.0	11.0

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Filière: Electromécanique
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Niveau:

Matière: anglais technique / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	5.0	0.0	5.0
2	202039067384	10.0	0.0	10.0
3	202039063567	10.0	0.0	10.0
4	191939068677	8.0	0.0	8.0
5	202039067255	10.0	0.0	10.0
6	202039063545	10.0	0.0	10.0
7	181839062843	10.0	0.0	10.0
8	202039070279	5.0	0.0	5.0
9	202039067815	1.0	0.0	1.0
10	202039066782	6.0	0.0	6.0
11	202039071730	8.0	0.0	8.0
12	202039066867	5.0	0.0	5.0
13	171739076191	10.0	0.0	10.0
14	202039062641	5.0	0.0	5.0
15	202039062982	8.0	0.0	8.0
16	202039064289	10.0	0.0	10.0
17	202039066863	10.0	0.0	10.0
18	181839071475	5.0	0.0	5.0
19	202039077071	6.0	0.0	6.0
20	191939068633	5.0	0.0	5.0
21	202039062843	5.0	0.0	5.0

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Filière: Electromécanique
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Niveau:

Matière: anglais technique / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	15.0	0.0	15.0
2	202039066465	2.0	0.0	2.0
3	191939068261	15.0	0.0	15.0
4	202039066808	3.0	0.0	3.0
5	202039067211	10.0	0.0	10.0
6	202039070275	0.0	0.0	0.0
7	202039067157	7.0	0.0	7.0
8	181839065621	10.0	0.0	10.0
9	202039066441	5.0	0.0	5.0
10	202039067233	10.0	0.0	10.0
11	192039076387	5.0	0.0	5.0
12	202039062570	4.0	0.0	4.0
13	191939079993	14.5	0.0	14.5
14	202039067151	10.0	0.0	10.0
15	192039076976	10.0	0.0	10.0
16	181839064579	12.0	0.0	12.0
17	202039063787	5.0	0.0	5.0
18	202039070308	5.0	0.0	5.0
19	202039071569	5.0	0.0	5.0
20	202039070099	5.0	0.0	5.0

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Filière: Electromécanique
electromécanique

Niveau:

Matière: électronique fondamentale 1 / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	11.0	13.0	11.8
2	202039062984	10.0	10.5	10.2
3	202039067231	8.0	11.5	9.4
4	202039069403	10.0	12.0	10.8
5	202039067409	9.0	11.0	9.8
6	202039066386	12.0	12.0	12.0
7	202039067798	13.0	14.5	13.6
8	202039071001	7.0	12.5	9.2
9	202039067380	7.0	11.5	8.8
10	202039064639	12.0	11.5	11.8
11	202039070062	7.0	9.0	7.8
12	202039070107	6.0	8.0	6.8
13	202039065248	1.0	10.0	4.6
14	202039065421	4.0	12.0	7.2
15	202039065477	18.0	13.0	16.0
16	202039064353	3.0	11.0	6.2
17	202039064154	7.0	10.0	8.2
18	202039071625	9.0	10.5	9.6
19	171939078858	14.0	11.5	13.0
20	202039067328	5.0	11.5	7.6
21	202039071755	11.0	10.0	10.6
22	202039065130	9.0	11.0	9.8
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: électronique fondamentale 1 / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	11.0	12.0	11.4
2	202039070064	2.0	10.5	5.4
3	202039066553	7.0	9.0	7.8
4	202039062774	5.0	10.0	7.0
5	202039064642	4.0	9.5	6.2
6	202039066862	8.0	11.5	9.4
7	202039062184	7.0	12.0	9.0
8	202039069421	15.0	11.0	13.4
9	202039066737	10.0	10.5	10.2
10	191939064720	7.0	18.5	11.6
11	202039063005	16.0	11.5	14.2
12	202039067259	15.0	10.0	13.0
13	202039069724	10.0	17.5	13.0
14	202039062994	1.0	9.0	4.2
15	202039063471	7.0	12.0	9.0
16	191939063544	2.0	2.0	2.0
17	202039071591	0.0	8.0	3.2
18	191939069723	6.0	3.5	5.0
19	202039063407	5.0	11.0	7.4
20	202039066784	9.0	11.0	9.8
21	202039066414	6.0	9.0	7.2
22	202039071546	8.0	9.0	8.4
23	202039064635	15.0	7.0	11.8

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Filière: Electromécanique
electromécanique

Niveau:

Matière: électronique fondamentale 1 / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	8.5	3.4
2	202039064537	8.0	4.0	6.4
3	202039064257	8.0	10.0	8.8
4	202039076668	10.0	6.0	8.4
5	202039072038	8.0	12.0	9.6
6	202039071679	10.0	9.0	9.6
7	202039070238	10.0	10.0	10.0
8	202039067163	13.0	15.0	13.8
9	202039066491	15.0	11.0	13.4
10	202039067390	8.0	12.5	9.8
11	202039064319	9.0	12.5	10.4
12	202039064221	11.0	10.5	10.8
13	202039066494	8.0	10.5	9.0
14	191939054510	13.0	15.0	13.8
15	202039067359	15.0	12.0	13.8
16	202039069726	17.0	13.0	15.4
17	202039067106	11.0	11.0	11.0
18	202039067358	17.0	12.5	15.2
19	202039064219	11.0	8.0	9.8
20	202039067713	7.0	12.5	9.2
21	202039066858	11.0	11.5	11.2

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Filière: Electromécanique
electromécanique

Niveau:

Matière: électronique fondamentale 1 / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	9.0	12.0	10.2
2	202039067343	9.0	11.0	9.8
3	202039065474	4.0	10.0	6.4
4	202039066813	12.0	12.0	12.0
5	202039067107	11.0	11.0	11.0
6	202039065489	5.0	11.0	7.4
7	191939068375	9.0	9.5	9.2
8	191939067962	11.0	11.5	11.2
9	202039066868	11.0	11.5	11.2
10	191939068866	12.0	10.0	11.2
11	202039063544	5.0	8.0	6.2
12	202039067810	11.0	13.5	12.0
13	202039072267	7.0	9.0	7.8
14	202039069803	7.0	9.0	7.8
15	202039064295	12.0	10.0	11.2
16	202039062816	0.0	9.0	3.6
17	202039065263	9.0	10.0	9.4
18	202039067318	5.0	0.0	3.0
19	202039070969	8.0	11.0	9.2
20	202039064609	9.0	9.0	9.0

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Filière: Electromécanique
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Niveau:

Matière: électronique fondamentale 1 / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	5.0	11.0	7.4
2	202039067384	10.0	9.0	9.6
3	202039063567	4.0	8.0	5.6
4	191939068677	6.0	10.0	7.6
5	202039067255	8.0	12.5	9.8
6	202039063545	4.0	8.0	5.6
7	181839062843	0.0	2.0	0.8
8	202039070279	12.0	11.0	11.6
9	202039067815	5.0	10.0	7.0
10	202039066782	15.0	13.0	14.2
11	202039071730	6.0	9.0	7.2
12	202039066867	7.0	12.0	9.0
13	171739076191	0.0	0.0	0.0
14	202039062641	10.0	10.5	10.2
15	202039062982	14.0	11.0	12.8
16	202039064289	11.0	13.0	11.8
17	202039066863	13.0	10.5	12.0
18	181839071475	10.0	10.0	10.0
19	202039077071	11.0	11.5	11.2
20	191939068633	4.0	11.0	6.8
21	202039062843	10.0	10.0	10.0

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Filière: Electromécanique
electromécanique

Niveau:

Matière: électronique fondamentale 1 / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	5.0	3.0	4.2
2	202039066465	5.0	10.0	7.0
3	191939068261	10.0	14.5	11.8
4	202039066808	7.0	9.5	8.0
5	202039067211	7.0	10.5	8.4
6	202039070275	9.0	9.5	9.2
7	202039067157	12.0	8.0	10.4
8	181839065621	0.0	0.0	0.0
9	202039066441	8.0	8.0	8.0
10	202039067233	10.0	9.0	9.6
11	192039076387	12.0	13.5	12.6
12	202039062570	1.0	13.0	5.8
13	191939079993	4.0	8.0	5.6
14	202039067151	10.0	12.5	11.0
15	192039076976	10.5	11.0	10.7
16	181839064579	0.0	0.0	0.0
17	202039063787	11.0	12.0	11.4
18	202039070308	11.0	12.0	11.4
19	202039071569	13.0	9.0	11.4
20	202039070099	1.0	8.0	3.8

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Filière: Electromécanique
electromécanique

Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	17.0	10.0	14.2
2	202039062984	17.0	18.0	17.4
3	202039067231	8.0	10.25	8.9
4	202039069403	12.0	11.0	11.6
5	202039067409	18.0	11.0	15.2
6	202039066386	10.0	15.5	12.2
7	202039067798	16.0	15.0	15.6
8	202039071001	6.0	17.25	10.5
9	202039067380	19.0	13.0	16.6
10	202039064639	14.0	18.0	15.6
11	202039070062	13.0	12.0	12.6
12	202039070107	13.0	13.25	13.1
13	202039065248	9.0	10.0	9.4
14	202039065421	2.0	10.0	5.2
15	202039065477	19.0	18.25	18.7
16	202039064353	15.0	10.5	13.2
17	202039064154	12.0	15.0	13.2
18	202039071625	10.0	13.0	11.2
19	171939078858	18.5	17.0	17.9
20	202039067328	15.0	10.0	13.0
21	202039071755	13.0	15.0	13.8
22	202039065130	18.0	17.75	17.9
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	16.0	10.25	13.7
2	202039070064	16.0	11.0	14.0
3	202039066553	12.0	10.5	11.4
4	202039062774	15.0	13.0	14.2
5	202039064642	12.0	17.0	14.0
6	202039066862	12.0	10.5	11.4
7	202039062184	18.0	14.5	16.6
8	202039069421	17.0	13.25	15.5
9	202039066737	18.0	10.0	14.8
10	191939064720	16.0	17.5	16.6
11	202039063005	17.0	12.5	15.2
12	202039067259	12.0	12.25	12.1
13	202039069724	19.0	15.5	17.6
14	202039062994	0.0	11.5	4.6
15	202039063471	16.0	10.0	13.6
16	191939063544	14.0	4.0	10.0
17	202039071591	15.0	10.0	13.0
18	191939069723	5.0	0.0	3.0
19	202039063407	17.0	14.5	16.0
20	202039066784	15.0	12.0	13.8
21	202039066414	12.0	15.25	13.3
22	202039071546	19.0	17.75	18.5
23	202039064635	16.0	13.0	14.8

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Filière: Electromécanique
electromécanique

Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	13.5	5.4
2	202039064537	0.0	7.75	3.1
3	202039064257	15.0	12.5	14.0
4	202039076668	18.0	14.0	16.4
5	202039072038	11.0	10.0	10.6
6	202039071679	17.0	11.0	14.6
7	202039070238	16.0	13.0	14.8
8	202039067163	17.0	10.5	14.4
9	202039066491	19.0	18.0	18.6
10	202039067390	18.0	10.25	14.9
11	202039064319	18.0	7.5	13.8
12	202039064221	16.0	13.5	15.0
13	202039066494	16.0	10.0	13.6
14	191939054510	13.0	10.25	11.9
15	202039067359	14.5	11.25	13.2
16	202039069726	14.0	14.5	14.2
17	202039067106	14.0	14.0	14.0
18	202039067358	15.0	10.25	13.1
19	202039064219	17.0	11.0	14.6
20	202039067713	11.0	10.5	10.8
21	202039066858	15.0	15.0	15.0

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Le:

2021/2022

Filière: Electromécanique
electromécanique

Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	12.0	6.5	9.8
2	202039067343	13.0	11.75	12.5
3	202039065474	12.0	8.0	10.4
4	202039066813	10.0	15.0	12.0
5	202039067107	14.0	12.0	13.2
6	202039065489	11.0	9.0	10.2
7	191939068375	14.0	14.0	14.0
8	191939067962	17.0	7.5	13.2
9	202039066868	12.0	16.0	13.6
10	191939068866	17.0	10.0	14.2
11	202039063544	12.0	12.5	12.2
12	202039067810	12.0	10.25	11.3
13	202039072267	9.0	10.0	9.4
14	202039069803	13.0	10.0	11.8
15	202039064295	15.0	16.0	15.4
16	202039062816	15.0	11.5	13.6
17	202039065263	17.0	13.5	15.6
18	202039067318	12.0	1.0	7.6
19	202039070969	13.0	10.0	11.8
20	202039064609	17.0	10.0	14.2

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Filière: Electromécanique
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Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	9.0	12.5	10.4
2	202039067384	13.0	10.0	11.8
3	202039063567	13.0	11.75	12.5
4	191939068677	13.0	4.5	9.6
5	202039067255	16.0	12.5	14.6
6	202039063545	15.0	13.0	14.2
7	181839062843	0.0	0.0	0.0
8	202039070279	19.0	13.0	16.6
9	202039067815	15.0	15.0	15.0
10	202039066782	15.0	12.5	14.0
11	202039071730	12.0	10.25	11.3
12	202039066867	13.0	16.0	14.2
13	171739076191	7.0	0.0	4.2
14	202039062641	18.0	16.5	17.4
15	202039062982	17.0	11.5	14.8
16	202039064289	19.0	17.25	18.3
17	202039066863	14.0	15.0	14.4
18	181839071475	10.0	8.25	9.3
19	202039077071	7.0	5.5	6.4
20	191939068633	11.0	17.25	13.5
21	202039062843	11.0	10.0	10.6

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Filière: Electromécanique
electromécanique

Niveau:

Matière: electrotechnique fondamentale 1 / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	0.0	10.0	4.0
2	202039066465	9.0	10.25	9.5
3	191939068261	6.0	5.0	5.6
4	202039066808	12.0	10.0	11.2
5	202039067211	14.0	10.0	12.4
6	202039070275	10.0	13.5	11.4
7	202039067157	13.0	13.0	13.0
8	181839065621	0.0	0.0	0.0
9	202039066441	13.0	10.0	11.8
10	202039067233	3.0	10.0	5.8
11	192039076387	15.0	13.25	14.3
12	202039062570	7.0	10.0	8.2
13	191939079993	14.0	10.0	12.4
14	202039067151	13.0	14.25	13.5
15	192039076976	18.0	8.0	14.0
16	181839064579	0.0	0.0	0.0
17	202039063787	12.0	10.0	11.2
18	202039070308	16.0	18.5	17.0
19	202039071569	5.0	10.25	7.1
20	202039070099	15.0	13.0	14.2

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Filière: Electromécanique
electromécanique

Niveau:

Matière: Energies et environnement / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	6.0	0.0	6.0
2	202039062984	8.5	0.0	8.5
3	202039067231	7.0	0.0	7.0
4	202039069403	8.0	0.0	8.0
5	202039067409	8.5	0.0	8.5
6	202039066386	10.0	0.0	10.0
7	202039067798	12.0	0.0	12.0
8	202039071001	9.0	0.0	9.0
9	202039067380	4.5	0.0	4.5
10	202039064639	10.5	0.0	10.5
11	202039070062	6.0	0.0	6.0
12	202039070107	7.5	0.0	7.5
13	202039065248	7.5	0.0	7.5
14	202039065421	8.5	0.0	8.5
15	202039065477	7.5	0.0	7.5
16	202039064353	0.0	0.0	0.0
17	202039064154	6.0	0.0	6.0
18	202039071625	8.5	0.0	8.5
19	171939078858	11.5	0.0	11.5
20	202039067328	7.0	0.0	7.0
21	202039071755	9.0	0.0	9.0
22	202039065130	8.0	0.0	8.0
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: Energies et environnement / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	7.5	0.0	7.5
2	202039070064	13.0	0.0	13.0
3	202039066553	8.5	0.0	8.5
4	202039062774	7.0	0.0	7.0
5	202039064642	8.5	0.0	8.5
6	202039066862	7.5	0.0	7.5
7	202039062184	8.5	0.0	8.5
8	202039069421	3.0	0.0	3.0
9	202039066737	4.0	0.0	4.0
10	191939064720	9.5	0.0	9.5
11	202039063005	8.0	0.0	8.0
12	202039067259	9.0	0.0	9.0
13	202039069724	11.0	0.0	11.0
14	202039062994	7.0	0.0	7.0
15	202039063471	8.5	0.0	8.5
16	191939063544	8.5	0.0	8.5
17	202039071591	15.0	0.0	15.0
18	191939069723	8.5	0.0	8.5
19	202039063407	8.5	0.0	8.5
20	202039066784	7.0	0.0	7.0
21	202039066414	6.0	0.0	6.0
22	202039071546	8.5	0.0	8.5
23	202039064635	7.5	0.0	7.5

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Filière: Electromécanique
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Niveau:

Matière: Energies et environnement / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	0.0	0.0
2	202039064537	8.0	0.0	8.0
3	202039064257	7.5	0.0	7.5
4	202039076668	6.5	0.0	6.5
5	202039072038	9.5	0.0	9.5
6	202039071679	9.0	0.0	9.0
7	202039070238	8.5	0.0	8.5
8	202039067163	10.0	0.0	10.0
9	202039066491	6.5	0.0	6.5
10	202039067390	6.0	0.0	6.0
11	202039064319	10.5	0.0	10.5
12	202039064221	10.5	0.0	10.5
13	202039066494	10.5	0.0	10.5
14	191939054510	10.0	0.0	10.0
15	202039067359	9.5	0.0	9.5
16	202039069726	9.0	0.0	9.0
17	202039067106	9.0	0.0	9.0
18	202039067358	11.5	0.0	11.5
19	202039064219	4.0	0.0	4.0
20	202039067713	10.5	0.0	10.5
21	202039066858	11.0	0.0	11.0

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Filière: Electromécanique
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Niveau:

Matière: Energies et environnement / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	6.0	0.0	6.0
2	202039067343	7.5	0.0	7.5
3	202039065474	9.5	0.0	9.5
4	202039066813	10.0	0.0	10.0
5	202039067107	10.0	0.0	10.0
6	202039065489	6.0	0.0	6.0
7	191939068375	10.0	0.0	10.0
8	191939067962	5.5	0.0	5.5
9	202039066868	8.5	0.0	8.5
10	191939068866	9.5	0.0	9.5
11	202039063544	8.5	0.0	8.5
12	202039067810	7.0	0.0	7.0
13	202039072267	9.0	0.0	9.0
14	202039069803	8.5	0.0	8.5
15	202039064295	12.5	0.0	12.5
16	202039062816	7.5	0.0	7.5
17	202039065263	7.0	0.0	7.0
18	202039067318	6.0	0.0	6.0
19	202039070969	11.0	0.0	11.0
20	202039064609	10.5	0.0	10.5

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Filière: Electromécanique
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Niveau:

Matière: Energies et environnement / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	9.5	0.0	9.5
2	202039067384	7.5	0.0	7.5
3	202039063567	7.5	0.0	7.5
4	191939068677	8.5	0.0	8.5
5	202039067255	10.0	0.0	10.0
6	202039063545	10.0	0.0	10.0
7	181839062843	10.0	0.0	10.0
8	202039070279	9.0	0.0	9.0
9	202039067815	9.5	0.0	9.5
10	202039066782	8.5	0.0	8.5
11	202039071730	7.5	0.0	7.5
12	202039066867	7.5	0.0	7.5
13	171739076191	0.0	0.0	0.0
14	202039062641	4.5	0.0	4.5
15	202039062982	7.5	0.0	7.5
16	202039064289	7.0	0.0	7.0
17	202039066863	8.5	0.0	8.5
18	181839071475	10.0	0.0	10.0
19	202039077071	7.5	0.0	7.5
20	191939068633	8.5	0.0	8.5
21	202039062843	10.0	0.0	10.0

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Filière: Electromécanique
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Niveau:

Matière: Energies et environnement / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	10.0	0.0	10.0
2	202039066465	9.5	0.0	9.5
3	191939068261	9.0	0.0	9.0
4	202039066808	10.5	0.0	10.5
5	202039067211	9.5	0.0	9.5
6	202039070275	11.0	0.0	11.0
7	202039067157	7.0	0.0	7.0
8	181839065621	8.0	0.0	8.0
9	202039066441	7.0	0.0	7.0
10	202039067233	7.0	0.0	7.0
11	192039076387	7.5	0.0	7.5
12	202039062570	9.0	0.0	9.0
13	191939079993	10.0	0.0	10.0
14	202039067151	3.0	0.0	3.0
15	192039076976	10.0	0.0	10.0
16	181839064579	0.0	0.0	0.0
17	202039063787	11.5	0.0	11.5
18	202039070308	10.5	0.0	10.5
19	202039071569	7.5	0.0	7.5
20	202039070099	7.0	0.0	7.0

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Filière: Electromécanique
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Niveau:

Matière: Etat de l art du génie électrique / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	13.0	0.0	13.0
2	202039062984	4.0	0.0	4.0
3	202039067231	10.0	0.0	10.0
4	202039069403	7.0	0.0	7.0
5	202039067409	6.0	0.0	6.0
6	202039066386	10.0	0.0	10.0
7	202039067798	10.0	0.0	10.0
8	202039071001	3.5	0.0	3.5
9	202039067380	4.0	0.0	4.0
10	202039064639	4.0	0.0	4.0
11	202039070062	7.0	0.0	7.0
12	202039070107	6.0	0.0	6.0
13	202039065248	8.0	0.0	8.0
14	202039065421	15.5	0.0	15.5
15	202039065477	5.0	0.0	5.0
16	202039064353	5.5	0.0	5.5
17	202039064154	5.0	0.0	5.0
18	202039071625	6.0	0.0	6.0
19	171939078858	10.0	0.0	10.0
20	202039067328	10.0	0.0	10.0
21	202039071755	4.0	0.0	4.0
22	202039065130	6.0	0.0	6.0
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
electromécanique

Niveau:

Matière: Etat de l art du génie électrique / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	10.0	0.0	10.0
2	202039070064	8.0	0.0	8.0
3	202039066553	10.0	0.0	10.0
4	202039062774	5.0	0.0	5.0
5	202039064642	10.0	0.0	10.0
6	202039066862	5.0	0.0	5.0
7	202039062184	14.0	0.0	14.0
8	202039069421	8.0	0.0	8.0
9	202039066737	4.0	0.0	4.0
10	191939064720	4.5	0.0	4.5
11	202039063005	12.0	0.0	12.0
12	202039067259	8.5	0.0	8.5
13	202039069724	10.0	0.0	10.0
14	202039062994	0.0	0.0	0.0
15	202039063471	10.0	0.0	10.0
16	191939063544	3.5	0.0	3.5
17	202039071591	7.0	0.0	7.0
18	191939069723	6.0	0.0	6.0
19	202039063407	7.0	0.0	7.0
20	202039066784	6.0	0.0	6.0
21	202039066414	4.0	0.0	4.0
22	202039071546	6.0	0.0	6.0
23	202039064635	10.0	0.0	10.0

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Filière: Electromécanique
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Niveau:

Matière: Etat de l art du génie électrique / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	0.0	0.0
2	202039064537	13.5	0.0	13.5
3	202039064257	6.0	0.0	6.0
4	202039076668	10.0	0.0	10.0
5	202039072038	8.0	0.0	8.0
6	202039071679	10.0	0.0	10.0
7	202039070238	6.0	0.0	6.0
8	202039067163	2.0	0.0	2.0
9	202039066491	7.0	0.0	7.0
10	202039067390	3.5	0.0	3.5
11	202039064319	11.0	0.0	11.0
12	202039064221	12.0	0.0	12.0
13	202039066494	3.0	0.0	3.0
14	191939054510	0.0	0.0	0.0
15	202039067359	10.0	0.0	10.0
16	202039069726	14.0	0.0	14.0
17	202039067106	10.0	0.0	10.0
18	202039067358	10.0	0.0	10.0
19	202039064219	8.0	0.0	8.0
20	202039067713	8.5	0.0	8.5
21	202039066858	9.0	0.0	9.0

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Filière: Electromécanique
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Niveau:

Matière: Etat de l art du génie électrique / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	7.0	0.0	7.0
2	202039067343	0.0	0.0	0.0
3	202039065474	10.0	0.0	10.0
4	202039066813	8.5	0.0	8.5
5	202039067107	5.0	0.0	5.0
6	202039065489	5.0	0.0	5.0
7	191939068375	3.0	0.0	3.0
8	191939067962	5.0	0.0	5.0
9	202039066868	4.0	0.0	4.0
10	191939068866	5.0	0.0	5.0
11	202039063544	4.0	0.0	4.0
12	202039067810	4.5	0.0	4.5
13	202039072267	6.5	0.0	6.5
14	202039069803	2.0	0.0	2.0
15	202039064295	8.0	0.0	8.0
16	202039062816	5.0	0.0	5.0
17	202039065263	8.0	0.0	8.0
18	202039067318	5.5	0.0	5.5
19	202039070969	3.0	0.0	3.0
20	202039064609	7.0	0.0	7.0

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Filière: Electromécanique
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Niveau:

Matière: Etat de l art du génie électrique / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	7.0	0.0	7.0
2	202039067384	10.0	0.0	10.0
3	202039063567	10.5	0.0	10.5
4	191939068677	10.0	0.0	10.0
5	202039067255	8.0	0.0	8.0
6	202039063545	10.5	0.0	10.5
7	181839062843	0.0	0.0	0.0
8	202039070279	12.0	0.0	12.0
9	202039067815	6.5	0.0	6.5
10	202039066782	9.0	0.0	9.0
11	202039071730	15.0	0.0	15.0
12	202039066867	10.0	0.0	10.0
13	171739076191	0.0	0.0	0.0
14	202039062641	8.5	0.0	8.5
15	202039062982	10.0	0.0	10.0
16	202039064289	14.0	0.0	14.0
17	202039066863	13.0	0.0	13.0
18	181839071475	9.5	0.0	9.5
19	202039077071	7.5	0.0	7.5
20	191939068633	9.0	0.0	9.0
21	202039062843	10.0	0.0	10.0

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Filière: Electromécanique
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Niveau:

Matière: Etat de l art du génie électrique / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	12.0	0.0	12.0
2	202039066465	3.0	0.0	3.0
3	191939068261	8.0	0.0	8.0
4	202039066808	2.0	0.0	2.0
5	202039067211	8.0	0.0	8.0
6	202039070275	2.0	0.0	2.0
7	202039067157	3.0	0.0	3.0
8	181839065621	12.0	0.0	12.0
9	202039066441	8.0	0.0	8.0
10	202039067233	14.0	0.0	14.0
11	192039076387	5.0	0.0	5.0
12	202039062570	2.0	0.0	2.0
13	191939079993	0.0	0.0	0.0
14	202039067151	9.0	0.0	9.0
15	192039076976	4.5	0.0	4.5
16	181839064579	0.0	0.0	0.0
17	202039063787	5.0	0.0	5.0
18	202039070308	9.0	0.0	9.0
19	202039071569	10.0	0.0	10.0
20	202039070099	7.0	0.0	7.0

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Filière: Electromécanique
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Niveau:

Matière: informatique 3 / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	0.0	17.1	17.1
2	202039062984	0.0	16.1	16.1
3	202039067231	0.0	12.15	12.15
4	202039069403	0.0	15.45	15.45
5	202039067409	0.0	14.3	14.3
6	202039066386	0.0	15.85	15.85
7	202039067798	0.0	12.4	12.4
8	202039071001	0.0	15.4	15.4
9	202039067380	0.0	16.25	16.25
10	202039064639	0.0	16.1	16.1
11	202039070062	0.0	15.95	15.95
12	202039070107	0.0	16.4	16.4
13	202039065248	0.0	13.95	13.95
14	202039065421	0.0	13.65	13.65
15	202039065477	0.0	16.8	16.8
16	202039064353	0.0	9.85	9.85
17	202039064154	0.0	18.3	18.3
18	202039071625	0.0	14.25	14.25
19	171939078858	0.0	16.4	16.4
20	202039067328	0.0	10.2	10.2
21	202039071755	0.0	15.0	15.0
22	202039065130	0.0	12.3	12.3
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: informatique 3 / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	0.0	16.58	16.58
2	202039070064	0.0	14.53	14.53
3	202039066553	0.0	16.25	16.25
4	202039062774	0.0	9.1	9.1
5	202039064642	0.0	12.85	12.85
6	202039066862	0.0	13.1	13.1
7	202039062184	0.0	11.55	11.55
8	202039069421	0.0	14.73	14.73
9	202039066737	0.0	14.5	14.5
10	191939064720	0.0	10.68	10.68
11	202039063005	0.0	15.15	15.15
12	202039067259	0.0	15.28	15.28
13	202039069724	0.0	14.6	14.6
14	202039062994	0.0	0.0	0.0
15	202039063471	0.0	14.5	14.5
16	191939063544	0.0	0.0	0.0
17	202039071591	0.0	12.3	12.3
18	191939069723	0.0	7.0	7.0
19	202039063407	0.0	16.75	16.75
20	202039066784	0.0	12.2	12.2
21	202039066414	0.0	16.85	16.85
22	202039071546	0.0	13.55	13.55
23	202039064635	0.0	10.3	10.3

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Matière: informatique 3 / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	11.5	11.5
2	202039064537	0.0	14.45	14.45
3	202039064257	0.0	12.1	12.1
4	202039076668	0.0	13.5	13.5
5	202039072038	0.0	16.05	16.05
6	202039071679	0.0	11.4	11.4
7	202039070238	0.0	15.35	15.35
8	202039067163	0.0	13.85	13.85
9	202039066491	0.0	14.1	14.1
10	202039067390	0.0	12.65	12.65
11	202039064319	0.0	13.25	13.25
12	202039064221	0.0	13.95	13.95
13	202039066494	0.0	14.2	14.2
14	191939054510	0.0	0.0	0.0
15	202039067359	0.0	16.35	16.35
16	202039069726	0.0	13.95	13.95
17	202039067106	0.0	12.6	12.6
18	202039067358	0.0	16.95	16.95
19	202039064219	0.0	10.45	10.45
20	202039067713	0.0	12.6	12.6
21	202039066858	0.0	13.95	13.95

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Matière: informatique 3 / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	0.0	13.5	13.5
2	202039067343	0.0	15.2	15.2
3	202039065474	0.0	13.85	13.85
4	202039066813	0.0	14.15	14.15
5	202039067107	0.0	12.9	12.9
6	202039065489	0.0	14.45	14.45
7	191939068375	0.0	10.9	10.9
8	191939067962	0.0	14.3	14.3
9	202039066868	0.0	13.95	13.95
10	191939068866	0.0	13.7	13.7
11	202039063544	0.0	15.6	15.6
12	202039067810	0.0	12.1	12.1
13	202039072267	0.0	12.0	12.0
14	202039069803	0.0	13.73	13.73
15	202039064295	0.0	14.7	14.7
16	202039062816	0.0	14.15	14.15
17	202039065263	0.0	12.9	12.9
18	202039067318	0.0	0.0	0.0
19	202039070969	0.0	15.1	15.1
20	202039064609	0.0	15.15	15.15

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Matière: informatique 3 / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	0.0	12.35	12.35
2	202039067384	0.0	15.5	15.5
3	202039063567	0.0	14.2	14.2
4	191939068677	0.0	7.0	7.0
5	202039067255	0.0	15.2	15.2
6	202039063545	0.0	14.55	14.55
7	181839062843	0.0	0.0	0.0
8	202039070279	0.0	14.0	14.0
9	202039067815	0.0	17.75	17.75
10	202039066782	0.0	13.9	13.9
11	202039071730	0.0	15.95	15.95
12	202039066867	0.0	12.65	12.65
13	171739076191	0.0	0.0	0.0
14	202039062641	0.0	14.35	14.35
15	202039062982	0.0	12.15	12.15
16	202039064289	0.0	13.55	13.55
17	202039066863	0.0	14.0	14.0
18	181839071475	0.0	3.5	3.5
19	202039077071	0.0	10.95	10.95
20	191939068633	0.0	12.95	12.95
21	202039062843	0.0	11.85	11.85

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Matière: informatique 3 / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	10.5	10.5	10.5
2	202039066465	0.0	10.2	10.2
3	191939068261	0.0	7.0	7.0
4	202039066808	0.0	16.25	16.25
5	202039067211	0.0	13.7	13.7
6	202039070275	0.0	10.45	10.45
7	202039067157	0.0	13.25	13.25
8	181839065621	18.15	18.15	18.15
9	202039066441	0.0	10.2	10.2
10	202039067233	0.0	13.25	13.25
11	192039076387	0.0	10.08	10.08
12	202039062570	0.0	13.05	13.05
13	191939079993	12.5	12.5	12.5
14	202039067151	0.0	14.4	14.4
15	192039076976	0.0	15.2	15.2
16	181839064579	15.6	15.6	15.6
17	202039063787	0.0	13.8	13.8
18	202039070308	0.0	10.75	10.75
19	202039071569	0.0	12.9	12.9
20	202039070099	0.0	15.75	15.75

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Matière: Mathématique 3 / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	15.0	20.0	17.0
2	202039062984	4.0	18.5	9.8
3	202039067231	17.0	11.0	14.6
4	202039069403	5.0	12.0	7.8
5	202039067409	19.0	11.0	15.8
6	202039066386	10.0	16.5	12.6
7	202039067798	12.0	12.0	12.0
8	202039071001	6.0	11.0	8.0
9	202039067380	19.0	13.0	16.6
10	202039064639	9.0	11.0	9.8
11	202039070062	14.0	17.0	15.2
12	202039070107	18.0	11.0	15.2
13	202039065248	2.0	0.0	1.2
14	202039065421	3.0	9.0	5.4
15	202039065477	20.0	18.0	19.2
16	202039064353	0.0	11.0	4.4
17	202039064154	15.0	17.0	15.8
18	202039071625	14.0	12.0	13.2
19	171939078858	20.0	20.0	20.0
20	202039067328	13.0	11.0	12.2
21	202039071755	11.0	16.0	13.0
22	202039065130	4.0	13.0	7.6
23	202039070234	0.0	0.0	0.0

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Matière: Mathématique 3 / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	12.0	12.0	12.0
2	202039070064	3.0	11.0	6.2
3	202039066553	1.0	12.0	5.4
4	202039062774	9.5	11.0	10.1
5	202039064642	13.0	8.5	11.2
6	202039066862	4.0	11.0	6.8
7	202039062184	3.0	12.0	6.6
8	202039069421	9.0	13.0	10.6
9	202039066737	6.0	11.0	8.0
10	191939064720	8.0	14.0	10.4
11	202039063005	4.0	15.0	8.4
12	202039067259	8.0	12.0	9.6
13	202039069724	14.0	19.0	16.0
14	202039062994	0.0	11.0	4.4
15	202039063471	2.0	13.0	6.4
16	191939063544	3.0	9.5	5.6
17	202039071591	3.0	8.5	5.2
18	191939069723	0.0	10.5	4.2
19	202039063407	6.0	9.5	7.4
20	202039066784	8.0	11.0	9.2
21	202039066414	12.0	13.0	12.4
22	202039071546	18.0	16.0	17.2
23	202039064635	13.0	12.0	12.6

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Niveau:

Matière: Mathématique 3 / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	13.5	5.4
2	202039064537	4.0	10.0	6.4
3	202039064257	11.0	15.5	12.8
4	202039076668	9.0	13.5	10.8
5	202039072038	7.0	14.0	9.8
6	202039071679	8.0	13.0	10.0
7	202039070238	13.0	14.0	13.4
8	202039067163	11.0	13.5	12.0
9	202039066491	14.0	15.0	14.4
10	202039067390	15.0	13.0	14.2
11	202039064319	14.0	14.0	14.0
12	202039064221	17.0	14.0	15.8
13	202039066494	2.0	12.5	6.2
14	191939054510	10.0	13.0	11.2
15	202039067359	4.0	12.0	7.2
16	202039069726	18.0	15.5	17.0
17	202039067106	1.0	12.5	5.6
18	202039067358	10.0	14.0	11.6
19	202039064219	9.0	12.0	10.2
20	202039067713	3.0	13.5	7.2
21	202039066858	10.0	11.0	10.4

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Niveau:

Matière: Mathématique 3 / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	4.0	8.5	5.8
2	202039067343	9.5	11.0	10.1
3	202039065474	8.75	12.0	10.05
4	202039066813	3.0	11.0	6.2
5	202039067107	8.0	12.0	9.6
6	202039065489	7.0	12.0	9.0
7	191939068375	15.0	11.0	13.4
8	191939067962	5.0	13.0	8.2
9	202039066868	2.0	11.0	5.6
10	191939068866	7.0	11.0	8.6
11	202039063544	14.0	11.0	12.8
12	202039067810	16.0	12.0	14.4
13	202039072267	2.0	11.0	5.6
14	202039069803	3.0	11.0	6.2
15	202039064295	5.0	13.0	8.2
16	202039062816	8.0	13.0	10.0
17	202039065263	5.0	11.0	7.4
18	202039067318	3.0	0.0	1.8
19	202039070969	4.0	11.0	6.8
20	202039064609	9.0	12.0	10.2

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Niveau:

Matière: Mathématique 3 / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	5.0	12.0	7.8
2	202039067384	10.0	13.5	11.4
3	202039063567	12.0	13.0	12.4
4	191939068677	7.0	12.0	9.0
5	202039067255	6.0	13.5	9.0
6	202039063545	10.0	11.0	10.4
7	181839062843	0.0	0.0	0.0
8	202039070279	18.0	16.5	17.4
9	202039067815	8.0	13.5	10.2
10	202039066782	12.0	14.5	13.0
11	202039071730	7.0	12.0	9.0
12	202039066867	3.0	13.5	7.2
13	171739076191	2.0	0.0	1.2
14	202039062641	14.0	17.0	15.2
15	202039062982	13.0	16.5	14.4
16	202039064289	17.0	13.5	15.6
17	202039066863	10.0	12.0	10.8
18	181839071475	7.0	14.0	9.8
19	202039077071	5.0	11.0	7.4
20	191939068633	5.0	11.0	7.4
21	202039062843	9.0	12.0	10.2

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Filière: Electromécanique
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Niveau:

Matière: Mathématique 3 / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	3.0	10.5	6.0
2	202039066465	9.0	16.0	11.8
3	191939068261	1.0	8.5	4.0
4	202039066808	2.0	11.0	5.6
5	202039067211	5.0	11.0	7.4
6	202039070275	4.0	10.5	6.6
7	202039067157	6.0	11.0	8.0
8	181839065621	0.0	0.0	0.0
9	202039066441	9.5	11.0	10.1
10	202039067233	3.0	11.0	6.2
11	192039076387	12.0	17.0	14.0
12	202039062570	8.0	13.0	10.0
13	191939079993	1.0	13.0	5.8
14	202039067151	18.0	15.0	16.8
15	192039076976	20.0	17.5	19.0
16	181839064579	0.0	0.0	0.0
17	202039063787	13.0	12.5	12.8
18	202039070308	5.0	11.0	7.4
19	202039071569	6.0	11.0	8.0
20	202039070099	10.0	16.0	12.4

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Matière: ondes et vibrations / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	9.0	8.5	8.8
2	202039062984	14.0	5.0	10.4
3	202039067231	1.0	14.0	6.2
4	202039069403	6.0	5.0	5.6
5	202039067409	6.0	5.0	5.6
6	202039066386	1.0	6.0	3.0
7	202039067798	3.0	5.0	3.8
8	202039071001	3.0	6.0	4.2
9	202039067380	8.5	5.0	7.1
10	202039064639	1.0	5.0	2.6
11	202039070062	2.0	5.0	3.2
12	202039070107	6.0	11.5	8.2
13	202039065248	1.0	5.0	2.6
14	202039065421	2.0	5.0	3.2
15	202039065477	19.5	20.0	19.7
16	202039064353	0.0	13.0	5.2
17	202039064154	5.0	5.0	5.0
18	202039071625	5.5	14.0	8.9
19	171939078858	20.0	13.5	17.4
20	202039067328	5.0	14.0	8.6
21	202039071755	10.5	12.0	11.1
22	202039065130	8.0	12.0	9.6
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Matière: ondes et vibrations / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	14.0	20.0	16.4
2	202039070064	2.0	7.5	4.2
3	202039066553	4.0	9.5	6.2
4	202039062774	0.0	5.0	2.0
5	202039064642	0.0	7.0	2.8
6	202039066862	3.0	15.0	7.8
7	202039062184	3.0	5.0	3.8
8	202039069421	5.0	14.0	8.6
9	202039066737	2.0	5.0	3.2
10	191939064720	12.5	5.0	9.5
11	202039063005	18.0	13.5	16.2
12	202039067259	5.0	6.0	5.4
13	202039069724	7.5	18.75	12.0
14	202039062994	2.0	5.0	3.2
15	202039063471	11.0	14.0	12.2
16	191939063544	1.0	5.0	2.6
17	202039071591	1.0	5.0	2.6
18	191939069723	2.0	5.0	3.2
19	202039063407	4.5	5.0	4.7
20	202039066784	2.0	5.0	3.2
21	202039066414	8.0	8.0	8.0
22	202039071546	9.0	13.5	10.8
23	202039064635	6.0	10.5	7.8

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Matière: ondes et vibrations / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	5.0	2.0
2	202039064537	9.0	20.0	13.4
3	202039064257	1.0	8.0	3.8
4	202039076668	8.5	5.0	7.1
5	202039072038	1.0	5.0	2.6
6	202039071679	2.0	6.25	3.7
7	202039070238	2.0	5.0	3.2
8	202039067163	8.0	5.0	6.8
9	202039066491	7.5	19.0	12.1
10	202039067390	8.5	11.5	9.7
11	202039064319	3.0	5.0	3.8
12	202039064221	14.5	16.5	15.3
13	202039066494	2.0	5.0	3.2
14	191939054510	0.0	0.0	0.0
15	202039067359	14.5	16.5	15.3
16	202039069726	4.0	9.5	6.2
17	202039067106	1.0	9.5	4.4
18	202039067358	15.5	16.5	15.9
19	202039064219	3.0	11.0	6.2
20	202039067713	1.0	5.0	2.6
21	202039066858	3.5	5.0	4.1

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Filière: Electromécanique
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Niveau:

Matière: ondes et vibrations / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	1.0	5.0	2.6
2	202039067343	2.0	8.0	4.4
3	202039065474	1.0	5.0	2.6
4	202039066813	0.0	5.0	2.0
5	202039067107	1.0	5.0	2.6
6	202039065489	1.0	5.0	2.6
7	191939068375	6.5	5.0	5.9
8	191939067962	3.5	5.0	4.1
9	202039066868	4.0	5.0	4.4
10	191939068866	5.5	5.0	5.3
11	202039063544	3.0	5.0	3.8
12	202039067810	1.5	5.0	2.9
13	202039072267	1.0	5.0	2.6
14	202039069803	1.0	5.0	2.6
15	202039064295	1.0	7.0	3.4
16	202039062816	1.0	5.0	2.6
17	202039065263	2.0	5.0	3.2
18	202039067318	1.0	0.0	0.6
19	202039070969	1.0	5.0	2.6
20	202039064609	3.0	16.0	8.2

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Filière: Electromécanique
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Niveau:

Matière: ondes et vibrations / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	1.0	5.0	2.6
2	202039067384	1.0	5.0	2.6
3	202039063567	7.5	5.0	6.5
4	191939068677	1.0	0.0	0.6
5	202039067255	2.0	6.0	3.6
6	202039063545	3.5	8.0	5.3
7	181839062843	0.0	0.0	0.0
8	202039070279	10.0	5.0	8.0
9	202039067815	1.0	8.0	3.8
10	202039066782	1.0	8.0	3.8
11	202039071730	3.0	6.0	4.2
12	202039066867	1.0	5.0	2.6
13	171739076191	0.0	0.0	0.0
14	202039062641	5.5	14.0	8.9
15	202039062982	9.5	9.5	9.5
16	202039064289	13.5	17.8	15.22
17	202039066863	3.5	5.0	4.1
18	181839071475	1.0	6.8	3.32
19	202039077071	1.0	5.0	2.6
20	191939068633	1.0	5.0	2.6
21	202039062843	1.0	5.0	2.6

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Matière: ondes et vibrations / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	1.0	0.0	0.6
2	202039066465	1.0	7.0	3.4
3	191939068261	1.0	0.0	0.6
4	202039066808	1.0	3.8	2.12
5	202039067211	6.5	6.0	6.3
6	202039070275	3.0	5.8	4.12
7	202039067157	3.0	6.0	4.2
8	181839065621	0.0	0.0	0.0
9	202039066441	4.0	5.0	4.4
10	202039067233	2.0	9.0	4.8
11	192039076387	10.5	5.8	8.62
12	202039062570	1.0	5.0	2.6
13	191939079993	1.0	5.0	2.6
14	202039067151	11.5	17.8	14.02
15	192039076976	14.0	13.5	13.8
16	181839064579	0.0	0.0	0.0
17	202039063787	2.0	5.0	3.2
18	202039070308	4.0	11.9	7.16
19	202039071569	1.0	5.0	2.6
20	202039070099	3.0	5.0	3.8

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Filière: Electromécanique
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Niveau:

Matière: probabilités et statistiques / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	14.0	12.0	13.2
2	202039062984	12.0	14.0	12.8
3	202039067231	10.0	11.0	10.4
4	202039069403	13.5	14.0	13.7
5	202039067409	12.0	14.0	12.8
6	202039066386	13.0	14.0	13.4
7	202039067798	12.0	13.0	12.4
8	202039071001	10.0	11.0	10.4
9	202039067380	10.5	14.0	11.9
10	202039064639	12.5	12.0	12.3
11	202039070062	14.0	14.0	14.0
12	202039070107	9.0	13.0	10.6
13	202039065248	11.0	11.0	11.0
14	202039065421	10.0	11.0	10.4
15	202039065477	8.0	14.0	10.4
16	202039064353	0.0	7.0	2.8
17	202039064154	9.5	11.0	10.1
18	202039071625	14.5	13.0	13.9
19	171939078858	16.0	10.0	13.6
20	202039067328	11.0	15.0	12.6
21	202039071755	16.5	11.0	14.3
22	202039065130	12.0	11.0	11.6
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: probabilités et statistiques / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	15.0	14.0	14.6
2	202039070064	15.0	11.0	13.4
3	202039066553	9.5	15.0	11.7
4	202039062774	9.0	14.0	11.0
5	202039064642	8.0	12.0	9.6
6	202039066862	8.5	13.0	10.3
7	202039062184	9.0	13.0	10.6
8	202039069421	8.0	14.0	10.4
9	202039066737	9.0	12.0	10.2
10	191939064720	11.5	12.5	11.9
11	202039063005	8.0	14.0	10.4
12	202039067259	13.5	14.0	13.7
13	202039069724	14.0	14.5	14.2
14	202039062994	0.0	9.0	3.6
15	202039063471	16.0	14.0	15.2
16	191939063544	5.0	8.0	6.2
17	202039071591	11.5	13.0	12.1
18	191939069723	0.0	0.0	0.0
19	202039063407	14.0	12.0	13.2
20	202039066784	7.0	12.0	9.0
21	202039066414	8.0	12.0	9.6
22	202039071546	10.0	13.5	11.4
23	202039064635	13.0	11.0	12.2

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Niveau:

Matière: probabilités et statistiques / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	0.0	0.0
2	202039064537	15.0	14.0	14.6
3	202039064257	8.5	13.0	10.3
4	202039076668	13.0	13.0	13.0
5	202039072038	9.0	11.0	9.8
6	202039071679	12.5	11.0	11.9
7	202039070238	11.0	14.0	12.2
8	202039067163	10.5	13.0	11.5
9	202039066491	11.0	12.0	11.4
10	202039067390	9.5	13.0	10.9
11	202039064319	18.5	16.0	17.5
12	202039064221	15.5	12.0	14.1
13	202039066494	11.5	12.0	11.7
14	191939054510	14.0	11.0	12.8
15	202039067359	14.0	14.0	14.0
16	202039069726	13.5	17.0	14.9
17	202039067106	10.0	11.0	10.4
18	202039067358	16.5	14.0	15.5
19	202039064219	10.0	13.0	11.2
20	202039067713	3.5	13.0	7.3
21	202039066858	12.0	12.0	12.0

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Matière: probabilités et statistiques / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	0.0	12.0	4.8
2	202039067343	13.5	15.0	14.1
3	202039065474	7.0	11.0	8.6
4	202039066813	8.5	11.0	9.5
5	202039067107	9.0	11.0	9.8
6	202039065489	9.0	14.0	11.0
7	191939068375	16.0	13.0	14.8
8	191939067962	8.5	11.0	9.5
9	202039066868	10.0	14.0	11.6
10	191939068866	10.5	13.5	11.7
11	202039063544	13.5	14.0	13.7
12	202039067810	12.0	13.0	12.4
13	202039072267	8.5	11.0	9.5
14	202039069803	7.0	14.0	9.8
15	202039064295	11.5	15.0	12.9
16	202039062816	8.0	13.0	10.0
17	202039065263	12.0	13.0	12.4
18	202039067318	9.5	0.0	5.7
19	202039070969	11.0	11.0	11.0
20	202039064609	11.0	11.0	11.0

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Matière: probabilités et statistiques / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	9.0	14.0	11.0
2	202039067384	13.0	13.0	13.0
3	202039063567	9.0	14.0	11.0
4	191939068677	7.0	13.0	9.4
5	202039067255	9.5	13.0	10.9
6	202039063545	12.5	14.0	13.1
7	181839062843	13.2	13.2	13.2
8	202039070279	14.0	18.5	15.8
9	202039067815	15.0	14.0	14.6
10	202039066782	8.0	12.0	9.6
11	202039071730	12.0	11.0	11.6
12	202039066867	10.0	14.0	11.6
13	171739076191	5.0	8.0	6.2
14	202039062641	8.5	19.0	12.7
15	202039062982	13.5	14.0	13.7
16	202039064289	5.0	12.0	7.8
17	202039066863	9.0	13.0	10.6
18	181839071475	0.0	13.0	5.2
19	202039077071	8.0	0.0	4.8
20	191939068633	10.0	13.0	11.2
21	202039062843	7.5	16.0	10.9

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Matière: probabilités et statistiques / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	8.1	8.1	8.1
2	202039066465	9.5	13.0	10.9
3	191939068261	5.5	13.0	8.5
4	202039066808	11.0	11.0	11.0
5	202039067211	9.0	13.0	10.6
6	202039070275	5.5	11.0	7.7
7	202039067157	9.0	14.0	11.0
8	181839065621	11.07	11.07	11.07
9	202039066441	11.5	13.0	12.1
10	202039067233	8.5	13.0	10.3
11	192039076387	6.5	13.0	9.1
12	202039062570	3.5	13.0	7.3
13	191939079993	10.8	10.8	10.8
14	202039067151	9.0	17.0	12.2
15	192039076976	10.0	11.0	10.4
16	181839064579	10.53	10.53	10.53
17	202039063787	14.0	12.0	13.2
18	202039070308	14.0	14.0	14.0
19	202039071569	14.0	13.0	13.6
20	202039070099	11.0	14.0	12.2

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Niveau:

Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	0.0	14.0	14.0
2	202039062984	0.0	11.0	11.0
3	202039067231	0.0	13.0	13.0
4	202039069403	0.0	13.0	13.0
5	202039067409	0.0	13.0	13.0
6	202039066386	0.0	12.0	12.0
7	202039067798	0.0	11.0	11.0
8	202039071001	0.0	13.0	13.0
9	202039067380	0.0	12.0	12.0
10	202039064639	0.0	12.0	12.0
11	202039070062	0.0	12.0	12.0
12	202039070107	0.0	12.0	12.0
13	202039065248	0.0	12.0	12.0
14	202039065421	0.0	12.0	12.0
15	202039065477	0.0	12.5	12.5
16	202039064353	0.0	0.0	0.0
17	202039064154	0.0	13.0	13.0
18	202039071625	0.0	11.0	11.0
19	171939078858	0.0	12.5	12.5
20	202039067328	0.0	11.0	11.0
21	202039071755	0.0	12.0	12.0
22	202039065130	0.0	13.0	13.0
23	202039070234	0.0	0.0	0.0

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Niveau:

Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	0.0	12.0	12.0
2	202039070064	0.0	13.0	13.0
3	202039066553	0.0	12.0	12.0
4	202039062774	0.0	12.0	12.0
5	202039064642	0.0	12.5	12.5
6	202039066862	0.0	13.0	13.0
7	202039062184	0.0	12.0	12.0
8	202039069421	0.0	13.0	13.0
9	202039066737	0.0	13.0	13.0
10	191939064720	0.0	12.0	12.0
11	202039063005	0.0	12.0	12.0
12	202039067259	0.0	13.0	13.0
13	202039069724	0.0	13.0	13.0
14	202039062994	0.0	13.0	13.0
15	202039063471	0.0	14.0	14.0
16	191939063544	0.0	0.0	0.0
17	202039071591	0.0	12.5	12.5
18	191939069723	0.0	11.0	11.0
19	202039063407	0.0	11.0	11.0
20	202039066784	0.0	12.0	12.0
21	202039066414	0.0	12.0	12.0
22	202039071546	0.0	12.0	12.0
23	202039064635	0.0	12.0	12.0

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Niveau:

Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	11.5	11.5
2	202039064537	0.0	13.0	13.0
3	202039064257	0.0	12.0	12.0
4	202039076668	0.0	13.5	13.5
5	202039072038	0.0	12.5	12.5
6	202039071679	0.0	12.0	12.0
7	202039070238	0.0	13.0	13.0
8	202039067163	0.0	13.0	13.0
9	202039066491	0.0	12.0	12.0
10	202039067390	0.0	13.0	13.0
11	202039064319	0.0	12.5	12.5
12	202039064221	0.0	12.0	12.0
13	202039066494	0.0	11.5	11.5
14	191939054510	0.0	12.0	12.0
15	202039067359	0.0	13.0	13.0
16	202039069726	0.0	13.0	13.0
17	202039067106	0.0	13.5	13.5
18	202039067358	0.0	12.5	12.5
19	202039064219	0.0	13.0	13.0
20	202039067713	0.0	13.0	13.0
21	202039066858	0.0	12.5	12.5

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Niveau:

Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	0.0	12.0	12.0
2	202039067343	0.0	12.0	12.0
3	202039065474	0.0	12.0	12.0
4	202039066813	0.0	14.0	14.0
5	202039067107	0.0	13.0	13.0
6	202039065489	0.0	12.0	12.0
7	191939068375	0.0	12.0	12.0
8	191939067962	0.0	12.0	12.0
9	202039066868	0.0	12.5	12.5
10	191939068866	0.0	12.5	12.5
11	202039063544	0.0	13.0	13.0
12	202039067810	0.0	11.5	11.5
13	202039072267	0.0	12.5	12.5
14	202039069803	0.0	12.5	12.5
15	202039064295	0.0	11.5	11.5
16	202039062816	0.0	12.5	12.5
17	202039065263	0.0	13.0	13.0
18	202039067318	0.0	10.5	10.5
19	202039070969	0.0	12.5	12.5
20	202039064609	0.0	12.5	12.5

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Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	0.0	12.0	12.0
2	202039067384	0.0	13.0	13.0
3	202039063567	0.0	12.0	12.0
4	191939068677	0.0	12.0	12.0
5	202039067255	0.0	12.5	12.5
6	202039063545	0.0	13.0	13.0
7	181839062843	0.0	0.0	0.0
8	202039070279	0.0	13.0	13.0
9	202039067815	0.0	12.5	12.5
10	202039066782	0.0	12.0	12.0
11	202039071730	0.0	13.0	13.0
12	202039066867	0.0	13.0	13.0
13	171739076191	0.0	0.0	0.0
14	202039062641	0.0	13.0	13.0
15	202039062982	0.0	12.5	12.5
16	202039064289	0.0	13.5	13.5
17	202039066863	0.0	13.0	13.0
18	181839071475	0.0	11.0	11.0
19	202039077071	0.0	12.0	12.0
20	191939068633	0.0	13.0	13.0
21	202039062843	0.0	12.5	12.5

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Filière: Electromécanique
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Niveau:

Matière: TP Electronique 1 et Electrotechnique 1 / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	0.0	15.0	15.0
2	202039066465	0.0	12.0	12.0
3	191939068261	0.0	15.0	15.0
4	202039066808	0.0	12.5	12.5
5	202039067211	0.0	13.0	13.0
6	202039070275	0.0	11.5	11.5
7	202039067157	0.0	14.0	14.0
8	181839065621	0.0	12.7	12.7
9	202039066441	0.0	12.5	12.5
10	202039067233	0.0	13.0	13.0
11	192039076387	0.0	13.0	13.0
12	202039062570	0.0	13.0	13.0
13	191939079993	0.0	14.0	14.0
14	202039067151	0.0	13.0	13.0
15	192039076976	0.0	12.0	12.0
16	181839064579	0.0	14.3	14.3
17	202039063787	0.0	14.0	14.0
18	202039070308	0.0	13.0	13.0
19	202039071569	0.0	11.0	11.0
20	202039070099	0.0	14.0	14.0

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Filière: Electromécanique
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Niveau:

Matière: TP ondes et Vibrations / Section A / 1

#	Matricule	Examen	CC	MG
1	202039066049	0.0	15.0	15.0
2	202039062984	0.0	16.5	16.5
3	202039067231	0.0	15.5	15.5
4	202039069403	0.0	16.25	16.25
5	202039067409	0.0	15.0	15.0
6	202039066386	0.0	15.5	15.5
7	202039067798	0.0	15.5	15.5
8	202039071001	0.0	14.5	14.5
9	202039067380	0.0	15.5	15.5
10	202039064639	0.0	16.0	16.0
11	202039070062	0.0	15.25	15.25
12	202039070107	0.0	15.75	15.75
13	202039065248	0.0	14.5	14.5
14	202039065421	0.0	15.5	15.5
15	202039065477	0.0	14.5	14.5
16	202039064353	0.0	15.5	15.5
17	202039064154	0.0	14.0	14.0
18	202039071625	0.0	14.0	14.0
19	171939078858	0.0	14.75	14.75
20	202039067328	0.0	15.5	15.5
21	202039071755	0.0	15.75	15.75
22	202039065130	0.0	16.0	16.0
23	202039070234	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: TP ondes et Vibrations / Section A / 2

#	Matricule	Examen	CC	MG
1	202039067367	0.0	15.75	15.75
2	202039070064	0.0	0.0	0.0
3	202039066553	0.0	14.5	14.5
4	202039062774	0.0	14.5	14.5
5	202039064642	0.0	16.5	16.5
6	202039066862	0.0	14.0	14.0
7	202039062184	0.0	15.0	15.0
8	202039069421	0.0	15.25	15.25
9	202039066737	0.0	15.25	15.25
10	191939064720	0.0	14.5	14.5
11	202039063005	0.0	15.75	15.75
12	202039067259	0.0	14.75	14.75
13	202039069724	0.0	14.5	14.5
14	202039062994	0.0	16.75	16.75
15	202039063471	0.0	0.0	0.0
16	191939063544	0.0	0.0	0.0
17	202039071591	0.0	15.0	15.0
18	191939069723	0.0	16.0	16.0
19	202039063407	0.0	15.5	15.5
20	202039066784	0.0	14.5	14.5
21	202039066414	0.0	16.25	16.25
22	202039071546	0.0	15.5	15.5
23	202039064635	0.0	0.0	0.0

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Filière: Electromécanique
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Niveau:

Matière: TP ondes et Vibrations / Section A / 3

#	Matricule	Examen	CC	MG
1	202039062686	0.0	15.5	15.5
2	202039064537	0.0	16.5	16.5
3	202039064257	0.0	17.5	17.5
4	202039076668	0.0	16.25	16.25
5	202039072038	0.0	15.0	15.0
6	202039071679	0.0	15.75	15.75
7	202039070238	0.0	15.5	15.5
8	202039067163	0.0	15.25	15.25
9	202039066491	0.0	16.0	16.0
10	202039067390	0.0	15.5	15.5
11	202039064319	0.0	15.25	15.25
12	202039064221	0.0	15.0	15.0
13	202039066494	0.0	16.25	16.25
14	191939054510	0.0	16.0	16.0
15	202039067359	0.0	14.5	14.5
16	202039069726	0.0	14.5	14.5
17	202039067106	0.0	15.0	15.0
18	202039067358	0.0	15.5	15.5
19	202039064219	0.0	14.5	14.5
20	202039067713	0.0	15.0	15.0
21	202039066858	0.0	15.0	15.0

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Filière: Electromécanique
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Niveau:

Matière: TP ondes et Vibrations / Section A / 4

#	Matricule	Examen	CC	MG
1	202039065497	0.0	16.25	16.25
2	202039067343	0.0	15.75	15.75
3	202039065474	0.0	16.75	16.75
4	202039066813	0.0	15.5	15.5
5	202039067107	0.0	16.0	16.0
6	202039065489	0.0	17.5	17.5
7	191939068375	0.0	15.5	15.5
8	191939067962	0.0	15.5	15.5
9	202039066868	0.0	16.75	16.75
10	191939068866	0.0	15.5	15.5
11	202039063544	0.0	14.5	14.5
12	202039067810	0.0	14.5	14.5
13	202039072267	0.0	15.75	15.75
14	202039069803	0.0	15.5	15.5
15	202039064295	0.0	15.0	15.0
16	202039062816	0.0	15.0	15.0
17	202039065263	0.0	17.5	17.5
18	202039067318	0.0	0.0	0.0
19	202039070969	0.0	15.5	15.5
20	202039064609	0.0	14.5	14.5

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
electromécanique

Niveau:

Matière: TP ondes et Vibrations / Section A / 5

#	Matricule	Examen	CC	MG
1	202039066873	0.0	15.5	15.5
2	202039067384	0.0	15.0	15.0
3	202039063567	0.0	15.5	15.5
4	191939068677	0.0	15.5	15.5
5	202039067255	0.0	16.0	16.0
6	202039063545	0.0	15.5	15.5
7	181839062843	0.0	10.85	10.85
8	202039070279	0.0	15.25	15.25
9	202039067815	0.0	15.0	15.0
10	202039066782	0.0	15.0	15.0
11	202039071730	0.0	15.75	15.75
12	202039066867	0.0	15.0	15.0
13	171739076191	0.0	10.85	10.85
14	202039062641	0.0	15.75	15.75
15	202039062982	0.0	15.75	15.75
16	202039064289	0.0	15.0	15.0
17	202039066863	0.0	15.0	15.0
18	181839071475	0.0	15.5	15.5
19	202039077071	0.0	15.0	15.0
20	191939068633	0.0	15.5	15.5
21	202039062843	0.0	16.5	16.5

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
electromécanique

Niveau:

Matière: TP ondes et Vibrations / Section A / 6

#	Matricule	Examen	CC	MG
1	191939065955	0.0	15.75	15.75
2	202039066465	0.0	16.5	16.5
3	191939068261	0.0	14.25	14.25
4	202039066808	0.0	16.75	16.75
5	202039067211	0.0	16.0	16.0
6	202039070275	0.0	15.5	15.5
7	202039067157	0.0	15.25	15.25
8	181839065621	0.0	14.7	14.7
9	202039066441	0.0	15.5	15.5
10	202039067233	0.0	15.5	15.5
11	192039076387	0.0	15.0	15.0
12	202039062570	0.0	15.5	15.5
13	191939079993	0.0	14.0	14.0
14	202039067151	0.0	14.25	14.25
15	192039076976	0.0	16.0	16.0
16	181839064579	0.0	14.7	14.7
17	202039063787	0.0	16.25	16.25
18	202039070308	0.0	16.25	16.25
19	202039071569	0.0	16.0	16.0
20	202039070099	0.0	16.5	16.5

Signature de l'enseignant:

Le: