



2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Construction Mécanique / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	11.75	0.0	11.75	NORMALE
2	191931025291	6.0	0.0	6.0	NORMALE
3	181839063952	6.25	0.0	6.25	NORMALE
4	191939078832	5.5	0.0	5.5	NORMALE
5	191939071793	8.0	0.0	8.0	NORMALE
6	181839064074	10.75	0.0	10.75	NORMALE
7	181939079101	14.5	0.0	14.5	NORMALE
8	191939069226	8.75	0.0	8.75	NORMALE
9	191939064489	8.0	0.0	8.0	NORMALE
10	191939065876	10.0	0.0	10.0	NORMALE
11	181839066298	7.25	0.0	7.25	NORMALE
12	191939068058	6.75	0.0	6.75	NORMALE
13	191939066276	14.25	0.0	14.25	NORMALE
14	191939064653	7.5	0.0	7.5	NORMALE
15	191939065481	7.75	0.0	7.75	NORMALE
16	191939065478	8.0	0.0	8.0	NORMALE
17	191939071230	11.0	0.0	11.0	NORMALE
18	191939066280	13.5	0.0	13.5	NORMALE
19	191939070940	1.75	0.0	1.75	NORMALE
20	191939067692	6.0	0.0	6.0	NORMALE
21	191939068800	8.75	0.0	8.75	NORMALE
22	181839066954	15.75	0.0	15.75	NORMALE
23	191939064695	5.75	0.0	5.75	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Construction Mécanique / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	14.5	0.0	14.5	NORMALE
2	181839065727	12.75	0.0	12.75	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	7.25	0.0	7.25	NORMALE
5	191939071278	8.25	0.0	8.25	NORMALE
6	191939069227	6.25	0.0	6.25	NORMALE
7	191939065475	3.25	0.0	3.25	NORMALE
8	191939065507	10.5	0.0	10.5	NORMALE
9	181839065340	4.5	0.0	4.5	NORMALE
10	191939072403	10.5	0.0	10.5	NORMALE
11	191939079330	12.25	0.0	12.25	NORMALE
12	191939071766	13.75	0.0	13.75	NORMALE
13	191939067986	12.0	0.0	12.0	NORMALE
14	191939065962	7.0	0.0	7.0	NORMALE
15	191939067040	11.0	0.0	11.0	NORMALE
16	191939063815	3.75	0.0	3.75	NORMALE
17	191939068864	14.5	0.0	14.5	NORMALE
18	191939065971	9.25	0.0	9.25	NORMALE
19	191939072401	11.25	0.0	11.25	NORMALE
20	181839064903	5.75	0.0	5.75	NORMALE
21	181839063941	9.0	0.0	9.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Construction Mécanique / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	5.75	0.0	5.75	NORMALE
2	191939067581	7.75	0.0	7.75	NORMALE
3	2199925114	3.75	0.0	3.75	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	12.25	0.0	12.25	NORMALE
6	181839068296	15.0	0.0	15.0	NORMALE
7	191939071753	8.75	0.0	8.75	NORMALE
8	191939065985	7.0	0.0	7.0	NORMALE
9	191939071296	12.0	0.0	12.0	NORMALE
10	191939066211	8.5	0.0	8.5	NORMALE
11	181839064886	3.0	0.0	3.0	NORMALE
12	171739075364	8.25	0.0	8.25	NORMALE
13	191939070088	12.0	0.0	12.0	NORMALE
14	191939066282	7.25	0.0	7.25	NORMALE
15	191939063808	4.25	0.0	4.25	NORMALE
16	191939071329	9.5	0.0	9.5	NORMALE
17	191939070044	6.75	0.0	6.75	NORMALE
18	191939064640	4.5	0.0	4.5	NORMALE
19	191939067550	4.25	0.0	4.25	NORMALE
20	181839073057	14.0	0.0	14.0	NORMALE
21	191939067634	8.75	0.0	8.75	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Construction Mécanique / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	2.25	0.0	2.25	NORMALE
2	191939067480	5.5	0.0	5.5	NORMALE
3	191939066295	8.25	0.0	8.25	NORMALE
4	181839068368	4.5	0.0	4.5	NORMALE
5	191939065471	10.25	0.0	10.25	NORMALE
6	181839067575	6.5	0.0	6.5	NORMALE
7	181839072985	8.75	0.0	8.75	NORMALE
8	191939066946	5.0	0.0	5.0	NORMALE
9	191939066902	0.0	0.0	0.0	NORMALE
10	191939066290	13.5	0.0	13.5	NORMALE
11	181839067961	11.0	0.0	11.0	NORMALE
12	181839068409	4.5	0.0	4.5	NORMALE
13	181839065724	7.0	0.0	7.0	NORMALE
14	191939067521	4.75	0.0	4.75	NORMALE
15	191939078556	7.5	0.0	7.5	NORMALE
16	191939079933	11.25	0.0	11.25	NORMALE
17	191939067963	6.0	0.0	6.0	NORMALE
18	181839068236	2.75	0.0	2.75	NORMALE
19	181839065722	0.0	0.0	0.0	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	12.5	0.0	12.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Electronique de puissance / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	14.5	14.5	14.5	NORMALE
2	191931025291	4.0	8.0	5.6	NORMALE
3	181839063952	4.5	0.0	2.7	NORMALE
4	191939078832	15.5	19.0	16.9	NORMALE
5	191939071793	15.0	15.0	15.0	NORMALE
6	181839064074	18.5	19.0	18.7	NORMALE
7	181939079101	20.0	20.0	20.0	NORMALE
8	191939069226	12.0	16.0	13.6	NORMALE
9	191939064489	20.0	20.0	20.0	NORMALE
10	191939065876	20.0	20.0	20.0	NORMALE
11	181839066298	14.5	14.5	14.5	NORMALE
12	191939068058	14.5	15.5	14.9	NORMALE
13	191939066276	13.0	17.0	14.6	NORMALE
14	191939064653	13.0	15.0	13.8	NORMALE
15	191939065481	20.0	20.0	20.0	NORMALE
16	191939065478	13.0	13.0	13.0	NORMALE
17	191939071230	20.0	20.0	20.0	NORMALE
18	191939066280	16.0	16.0	16.0	NORMALE
19	191939070940	13.5	17.5	15.1	NORMALE
20	191939067692	20.0	20.0	20.0	NORMALE
21	191939068800	5.5	12.5	8.3	NORMALE
22	181839066954	20.0	20.0	20.0	NORMALE
23	191939064695	10.0	11.0	10.4	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Electronique de puissance / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	20.0	20.0	20.0	NORMALE
2	181839065727	7.0	11.0	8.6	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	19.0	20.0	19.4	NORMALE
5	191939071278	12.0	13.0	12.4	NORMALE
6	191939069227	4.5	8.5	6.1	NORMALE
7	191939065475	17.0	18.5	17.6	NORMALE
8	191939065507	11.0	14.0	12.2	NORMALE
9	181839065340	10.2	10.2	10.2	NORMALE
10	191939072403	10.0	11.0	10.4	NORMALE
11	191939079330	20.0	20.0	20.0	NORMALE
12	191939071766	15.0	15.0	15.0	NORMALE
13	191939067986	14.5	14.5	14.5	NORMALE
14	191939065962	12.5	14.5	13.3	NORMALE
15	191939067040	14.5	14.5	14.5	NORMALE
16	191939063815	9.0	10.0	9.4	NORMALE
17	191939068864	20.0	20.0	20.0	NORMALE
18	191939065971	13.5	18.5	15.5	NORMALE
19	191939072401	19.0	19.0	19.0	NORMALE
20	181839064903	1.0	8.0	3.8	NORMALE
21	181839063941	12.5	12.5	12.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Electronique de puissance / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	11.0	12.5	11.6	NORMALE
2	191939067581	20.0	20.0	20.0	NORMALE
3	2199925114	4.0	8.0	5.6	NORMALE
4	2186160484	10.0	12.0	10.8	NORMALE
5	191939065840	20.0	20.0	20.0	NORMALE
6	181839068296	17.0	20.0	18.2	NORMALE
7	191939071753	19.5	19.5	19.5	NORMALE
8	191939065985	8.5	8.5	8.5	NORMALE
9	191939071296	17.0	17.0	17.0	NORMALE
10	191939066211	7.0	11.0	8.6	NORMALE
11	181839064886	9.0	9.0	9.0	NORMALE
12	171739075364	12.0	12.0	12.0	NORMALE
13	191939070088	14.0	18.0	15.6	NORMALE
14	191939066282	17.0	17.0	17.0	NORMALE
15	191939063808	20.0	20.0	20.0	NORMALE
16	191939071329	9.0	13.0	10.6	NORMALE
17	191939070044	15.0	15.0	15.0	NORMALE
18	191939064640	13.0	13.0	13.0	NORMALE
19	191939067550	3.0	11.0	6.2	NORMALE
20	181839073057	16.5	16.5	16.5	NORMALE
21	191939067634	19.0	19.0	19.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Electronique de puissance / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	0.0	0.0	NORMALE
2	191939067480	14.5	15.0	14.7	NORMALE
3	191939066295	8.0	12.0	9.6	NORMALE
4	181839068368	12.5	12.5	12.5	NORMALE
5	191939065471	5.0	9.0	6.6	NORMALE
6	181839067575	17.0	17.0	17.0	NORMALE
7	181839072985	18.0	19.0	18.4	NORMALE
8	191939066946	14.0	14.0	14.0	NORMALE
9	191939066902	3.5	8.5	5.5	NORMALE
10	191939066290	13.0	17.0	14.6	NORMALE
11	181839067961	20.0	20.0	20.0	NORMALE
12	181839068409	10.5	14.5	12.1	NORMALE
13	181839065724	4.0	8.0	5.6	NORMALE
14	191939067521	20.0	20.0	20.0	NORMALE
15	191939078556	1.0	9.0	4.2	NORMALE
16	191939079933	12.0	14.0	12.8	NORMALE
17	191939067963	20.0	20.0	20.0	NORMALE
18	181839068236	20.0	20.0	20.0	NORMALE
19	181839065722	13.0	14.0	13.4	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	14.0	14.0	14.0	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Machines Electriques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	7.5	11.38	9.05	NORMALE
2	191931025291	20.0	9.25	15.7	NORMALE
3	181839063952	0.0	0.0	0.0	NORMALE
4	191939078832	12.5	13.13	12.75	NORMALE
5	191939071793	2.0	15.38	7.35	NORMALE
6	181839064074	14.0	14.38	14.15	NORMALE
7	181939079101	15.5	14.38	15.05	NORMALE
8	191939069226	18.25	11.25	15.45	NORMALE
9	191939064489	10.5	9.13	9.95	NORMALE
10	191939065876	14.5	11.38	13.25	NORMALE
11	181839066298	12.0	7.5	10.2	NORMALE
12	191939068058	3.5	12.88	7.25	NORMALE
13	191939066276	11.0	11.5	11.2	NORMALE
14	191939064653	0.5	10.0	4.3	NORMALE
15	191939065481	20.0	11.38	16.55	NORMALE
16	191939065478	7.0	7.88	7.35	NORMALE
17	191939071230	13.0	13.38	13.15	NORMALE
18	191939066280	14.0	7.5	11.4	NORMALE
19	191939070940	3.5	11.25	6.6	NORMALE
20	191939067692	14.5	13.5	14.1	NORMALE
21	191939068800	12.0	11.38	11.75	NORMALE
22	181839066954	19.75	15.5	18.05	NORMALE
23	191939064695	5.5	12.13	8.15	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Machines Electriques / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	11.0	11.38	11.15	NORMALE
2	181839065727	11.0	12.5	11.6	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	0.0	8.25	3.3	NORMALE
5	191939071278	1.5	9.0	4.5	NORMALE
6	191939069227	8.5	11.0	9.5	NORMALE
7	191939065475	2.5	8.38	4.85	NORMALE
8	191939065507	0.5	11.25	4.8	NORMALE
9	181839065340	10.0	10.0	10.0	NORMALE
10	191939072403	2.25	11.0	5.75	NORMALE
11	191939079330	14.0	15.25	14.5	NORMALE
12	191939071766	18.0	10.25	14.9	NORMALE
13	191939067986	10.0	14.75	11.9	NORMALE
14	191939065962	5.5	9.0	6.9	NORMALE
15	191939067040	5.5	10.75	7.6	NORMALE
16	191939063815	1.0	7.0	3.4	NORMALE
17	191939068864	13.5	11.0	12.5	NORMALE
18	191939065971	4.0	15.25	8.5	NORMALE
19	191939072401	16.5	10.0	13.9	NORMALE
20	181839064903	9.0	11.0	9.8	NORMALE
21	181839063941	14.5	7.38	11.65	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Machines Electriques / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	0.0	17.25	6.9	NORMALE
2	191939067581	11.5	15.0	12.9	NORMALE
3	2199925114	10.0	7.25	8.9	NORMALE
4	2186160484	7.5	5.5	6.7	NORMALE
5	191939065840	20.0	13.5	17.4	NORMALE
6	181839068296	20.0	15.25	18.1	NORMALE
7	191939071753	18.5	13.0	16.3	NORMALE
8	191939065985	17.5	15.0	16.5	NORMALE
9	191939071296	20.0	9.25	15.7	NORMALE
10	191939066211	19.0	13.25	16.7	NORMALE
11	181839064886	14.5	9.0	12.3	NORMALE
12	171739075364	15.5	3.5	10.7	NORMALE
13	191939070088	17.0	11.25	14.7	NORMALE
14	191939066282	19.5	11.25	16.2	NORMALE
15	191939063808	9.0	9.0	9.0	NORMALE
16	191939071329	11.5	9.0	10.5	NORMALE
17	191939070044	17.5	9.25	14.2	NORMALE
18	191939064640	8.5	12.25	10.0	NORMALE
19	191939067550	15.5	15.0	15.3	NORMALE
20	181839073057	15.0	15.25	15.1	NORMALE
21	191939067634	4.0	7.25	5.3	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Machines Electriques / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	2.0	10.75	5.5	NORMALE
2	191939067480	16.5	7.5	12.9	NORMALE
3	191939066295	20.0	12.0	16.8	NORMALE
4	181839068368	0.0	0.0	0.0	NORMALE
5	191939065471	9.5	10.75	10.0	NORMALE
6	181839067575	15.0	12.0	13.8	NORMALE
7	181839072985	12.25	17.0	14.15	NORMALE
8	191939066946	0.0	13.25	5.3	NORMALE
9	191939066902	0.5	13.25	5.6	NORMALE
10	191939066290	9.0	10.75	9.7	NORMALE
11	181839067961	16.0	17.0	16.4	NORMALE
12	181839068409	5.25	7.25	6.05	NORMALE
13	181839065724	6.5	7.25	6.8	NORMALE
14	191939067521	12.0	15.5	13.4	NORMALE
15	191939078556	0.0	12.5	5.0	NORMALE
16	191939079933	20.0	15.25	18.1	NORMALE
17	191939067963	19.5	16.75	18.4	NORMALE
18	181839068236	11.4	11.4	11.4	NORMALE
19	181839065722	0.0	0.0	0.0	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	14.5	13.25	14.0	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Matériaux Electrotechniques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	8.5	0.0	8.5	NORMALE
2	191931025291	13.5	0.0	13.5	NORMALE
3	181839063952	11.5	0.0	11.5	NORMALE
4	191939078832	3.5	0.0	3.5	NORMALE
5	191939071793	9.0	0.0	9.0	NORMALE
6	181839064074	8.5	0.0	8.5	NORMALE
7	181939079101	8.5	0.0	8.5	NORMALE
8	191939069226	13.5	0.0	13.5	NORMALE
9	191939064489	11.0	0.0	11.0	NORMALE
10	191939065876	11.0	0.0	11.0	NORMALE
11	181839066298	9.5	0.0	9.5	NORMALE
12	191939068058	11.0	0.0	11.0	NORMALE
13	191939066276	11.0	0.0	11.0	NORMALE
14	191939064653	8.0	0.0	8.0	NORMALE
15	191939065481	11.0	0.0	11.0	NORMALE
16	191939065478	8.5	0.0	8.5	NORMALE
17	191939071230	9.0	0.0	9.0	NORMALE
18	191939066280	11.0	0.0	11.0	NORMALE
19	191939070940	10.0	0.0	10.0	NORMALE
20	191939067692	9.0	0.0	9.0	NORMALE
21	191939068800	12.0	0.0	12.0	NORMALE
22	181839066954	10.0	0.0	10.0	NORMALE
23	191939064695	12.0	0.0	12.0	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Matériaux Electrotechniques / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	9.0	0.0	9.0	NORMALE
2	181839065727	8.5	0.0	8.5	NORMALE
3	191939063671	10.0	0.0	10.0	NORMALE
4	171739070201	7.0	0.0	7.0	NORMALE
5	191939071278	12.0	0.0	12.0	NORMALE
6	191939069227	9.5	0.0	9.5	NORMALE
7	191939065475	10.5	0.0	10.5	NORMALE
8	191939065507	9.0	0.0	9.0	NORMALE
9	181839065340	10.5	0.0	10.5	NORMALE
10	191939072403	11.0	0.0	11.0	NORMALE
11	191939079330	14.5	0.0	14.5	NORMALE
12	191939071766	9.0	0.0	9.0	NORMALE
13	191939067986	9.5	0.0	9.5	NORMALE
14	191939065962	8.5	0.0	8.5	NORMALE
15	191939067040	11.0	0.0	11.0	NORMALE
16	191939063815	12.0	0.0	12.0	NORMALE
17	191939068864	8.5	0.0	8.5	NORMALE
18	191939065971	11.5	0.0	11.5	NORMALE
19	191939072401	9.5	0.0	9.5	NORMALE
20	181839064903	12.0	0.0	12.0	NORMALE
21	181839063941	12.5	0.0	12.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Matériaux Electrotechniques / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	8.5	0.0	8.5	NORMALE
2	191939067581	12.5	0.0	12.5	NORMALE
3	2199925114	15.5	0.0	15.5	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	11.0	0.0	11.0	NORMALE
6	181839068296	6.5	0.0	6.5	NORMALE
7	191939071753	8.0	0.0	8.0	NORMALE
8	191939065985	10.5	0.0	10.5	NORMALE
9	191939071296	9.5	0.0	9.5	NORMALE
10	191939066211	9.0	0.0	9.0	NORMALE
11	181839064886	7.5	0.0	7.5	NORMALE
12	171739075364	10.5	0.0	10.5	NORMALE
13	191939070088	9.5	0.0	9.5	NORMALE
14	191939066282	11.5	0.0	11.5	NORMALE
15	191939063808	10.0	0.0	10.0	NORMALE
16	191939071329	10.5	0.0	10.5	NORMALE
17	191939070044	8.0	0.0	8.0	NORMALE
18	191939064640	9.0	0.0	9.0	NORMALE
19	191939067550	10.5	0.0	10.5	NORMALE
20	181839073057	12.5	0.0	12.5	NORMALE
21	191939067634	10.5	0.0	10.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Matériaux Electrotechniques / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	0.0	0.0	NORMALE
2	191939067480	9.0	0.0	9.0	NORMALE
3	191939066295	10.5	0.0	10.5	NORMALE
4	181839068368	10.5	0.0	10.5	NORMALE
5	191939065471	9.0	0.0	9.0	NORMALE
6	181839067575	13.0	0.0	13.0	NORMALE
7	181839072985	14.0	0.0	14.0	NORMALE
8	191939066946	10.0	0.0	10.0	NORMALE
9	191939066902	0.0	0.0	0.0	NORMALE
10	191939066290	9.5	0.0	9.5	NORMALE
11	181839067961	15.0	0.0	15.0	NORMALE
12	181839068409	11.5	0.0	11.5	NORMALE
13	181839065724	7.0	0.0	7.0	NORMALE
14	191939067521	10.0	0.0	10.0	NORMALE
15	191939078556	10.5	0.0	10.5	NORMALE
16	191939079933	7.5	0.0	7.5	NORMALE
17	191939067963	9.0	0.0	9.0	NORMALE
18	181839068236	11.5	0.0	11.5	NORMALE
19	181839065722	9.5	0.0	9.5	NORMALE
20	171739068587	10.0	0.0	10.0	NORMALE
21	191939067041	14.0	0.0	14.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Production D'énergie Electriques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	14.0	0.0	14.0	NORMALE
2	191931025291	15.0	0.0	15.0	NORMALE
3	181839063952	11.0	0.0	11.0	NORMALE
4	191939078832	13.0	0.0	13.0	NORMALE
5	191939071793	14.0	0.0	14.0	NORMALE
6	181839064074	12.0	0.0	12.0	NORMALE
7	181939079101	14.0	0.0	14.0	NORMALE
8	191939069226	15.0	0.0	15.0	NORMALE
9	191939064489	9.5	0.0	9.5	NORMALE
10	191939065876	8.0	0.0	8.0	NORMALE
11	181839066298	13.5	0.0	13.5	NORMALE
12	191939068058	10.5	0.0	10.5	NORMALE
13	191939066276	8.5	0.0	8.5	NORMALE
14	191939064653	9.0	0.0	9.0	NORMALE
15	191939065481	14.5	0.0	14.5	NORMALE
16	191939065478	9.0	0.0	9.0	NORMALE
17	191939071230	14.0	0.0	14.0	NORMALE
18	191939066280	3.5	0.0	3.5	NORMALE
19	191939070940	10.5	0.0	10.5	NORMALE
20	191939067692	14.5	0.0	14.5	NORMALE
21	191939068800	12.0	0.0	12.0	NORMALE
22	181839066954	14.5	0.0	14.5	NORMALE
23	191939064695	12.0	0.0	12.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Production D'énergie Electriques / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	15.0	0.0	15.0	NORMALE
2	181839065727	15.0	0.0	15.0	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	11.5	0.0	11.5	NORMALE
5	191939071278	13.5	0.0	13.5	NORMALE
6	191939069227	15.0	0.0	15.0	NORMALE
7	191939065475	12.0	0.0	12.0	NORMALE
8	191939065507	14.5	0.0	14.5	NORMALE
9	181839065340	10.5	0.0	10.5	NORMALE
10	191939072403	0.0	0.0	0.0	NORMALE
11	191939079330	17.5	0.0	17.5	NORMALE
12	191939071766	9.5	0.0	9.5	NORMALE
13	191939067986	12.0	0.0	12.0	NORMALE
14	191939065962	10.5	0.0	10.5	NORMALE
15	191939067040	14.0	0.0	14.0	NORMALE
16	191939063815	10.5	0.0	10.5	NORMALE
17	191939068864	14.5	0.0	14.5	NORMALE
18	191939065971	15.5	0.0	15.5	NORMALE
19	191939072401	10.5	0.0	10.5	NORMALE
20	181839064903	12.0	0.0	12.0	NORMALE
21	181839063941	14.5	0.0	14.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Production D'énergie Electriques / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	10.5	0.0	10.5	NORMALE
2	191939067581	15.0	0.0	15.0	NORMALE
3	2199925114	16.0	0.0	16.0	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	13.5	0.0	13.5	NORMALE
6	181839068296	11.0	0.0	11.0	NORMALE
7	191939071753	10.5	0.0	10.5	NORMALE
8	191939065985	8.0	0.0	8.0	NORMALE
9	191939071296	8.0	0.0	8.0	NORMALE
10	191939066211	9.0	0.0	9.0	NORMALE
11	181839064886	13.0	0.0	13.0	NORMALE
12	171739075364	12.0	0.0	12.0	NORMALE
13	191939070088	13.5	0.0	13.5	NORMALE
14	191939066282	7.0	0.0	7.0	NORMALE
15	191939063808	11.5	0.0	11.5	NORMALE
16	191939071329	13.5	0.0	13.5	NORMALE
17	191939070044	9.5	0.0	9.5	NORMALE
18	191939064640	14.0	0.0	14.0	NORMALE
19	191939067550	13.0	0.0	13.0	NORMALE
20	181839073057	16.5	0.0	16.5	NORMALE
21	191939067634	16.0	0.0	16.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Production D'énergie Electriques / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	14.0	0.0	14.0	NORMALE
2	191939067480	12.0	0.0	12.0	NORMALE
3	191939066295	8.5	0.0	8.5	NORMALE
4	181839068368	9.5	0.0	9.5	NORMALE
5	191939065471	9.5	0.0	9.5	NORMALE
6	181839067575	7.5	0.0	7.5	NORMALE
7	181839072985	13.5	0.0	13.5	NORMALE
8	191939066946	11.0	0.0	11.0	NORMALE
9	191939066902	13.5	0.0	13.5	NORMALE
10	191939066290	14.0	0.0	14.0	NORMALE
11	181839067961	10.5	0.0	10.5	NORMALE
12	181839068409	12.0	0.0	12.0	NORMALE
13	181839065724	10.0	0.0	10.0	NORMALE
14	191939067521	13.0	0.0	13.0	NORMALE
15	191939078556	12.5	0.0	12.5	NORMALE
16	191939079933	15.0	0.0	15.0	NORMALE
17	191939067963	10.5	0.0	10.5	NORMALE
18	181839068236	12.25	0.0	12.25	NORMALE
19	181839065722	12.0	0.0	12.0	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	12.0	0.0	12.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Schémas et Appareillage / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	5.75	10.0	7.45	NORMALE
2	191931025291	11.0	14.7	12.48	NORMALE
3	181839063952	0.5	0.0	0.3	NORMALE
4	191939078832	10.25	13.6	11.59	NORMALE
5	191939071793	11.0	11.6	11.24	NORMALE
6	181839064074	11.0	15.0	12.6	NORMALE
7	181939079101	10.5	12.7	11.38	NORMALE
8	191939069226	9.0	13.4	10.76	NORMALE
9	191939064489	5.5	11.7	7.98	NORMALE
10	191939065876	5.5	12.4	8.26	NORMALE
11	181839066298	7.0	11.1	8.64	NORMALE
12	191939068058	6.0	10.8	7.92	NORMALE
13	191939066276	4.5	10.3	6.82	NORMALE
14	191939064653	4.0	10.0	6.4	NORMALE
15	191939065481	9.0	10.3	9.52	NORMALE
16	191939065478	5.0	10.3	7.12	NORMALE
17	191939071230	10.0	11.1	10.44	NORMALE
18	191939066280	9.5	10.3	9.82	NORMALE
19	191939070940	3.0	10.8	6.12	NORMALE
20	191939067692	4.5	11.5	7.3	NORMALE
21	191939068800	14.5	13.6	14.14	NORMALE
22	181839066954	8.5	11.1	9.54	NORMALE
23	191939064695	0.0	10.8	4.32	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Schémas et Appareillage / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	14.5	12.7	13.78	NORMALE
2	181839065727	15.0	14.2	14.68	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	9.82	9.82	9.82	NORMALE
5	191939071278	7.5	13.2	9.78	NORMALE
6	191939069227	7.0	12.35	9.14	NORMALE
7	191939065475	5.0	10.3	7.12	NORMALE
8	191939065507	7.5	13.5	9.9	NORMALE
9	181839065340	10.7	10.7	10.7	NORMALE
10	191939072403	10.0	10.15	10.06	NORMALE
11	191939079330	13.75	14.95	14.23	NORMALE
12	191939071766	3.5	10.15	6.16	NORMALE
13	191939067986	6.5	10.55	8.12	NORMALE
14	191939065962	10.0	11.75	10.7	NORMALE
15	191939067040	14.5	13.0	13.9	NORMALE
16	191939063815	2.0	10.8	5.52	NORMALE
17	191939068864	12.5	12.35	12.44	NORMALE
18	191939065971	12.0	12.55	12.22	NORMALE
19	191939072401	3.0	10.15	5.86	NORMALE
20	181839064903	6.0	10.7	7.88	NORMALE
21	181839063941	2.5	10.0	5.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Schémas et Appareillage / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	3.5	10.15	6.16	NORMALE
2	191939067581	16.5	12.35	14.84	NORMALE
3	2199925114	9.25	11.4	10.11	NORMALE
4	2186160484	7.5	3.2	5.78	NORMALE
5	191939065840	10.75	10.4	10.61	NORMALE
6	181839068296	10.5	11.7	10.98	NORMALE
7	191939071753	10.5	11.1	10.74	NORMALE
8	191939065985	9.0	10.15	9.46	NORMALE
9	191939071296	13.5	10.95	12.48	NORMALE
10	191939066211	9.25	10.0	9.55	NORMALE
11	181839064886	7.0	10.15	8.26	NORMALE
12	171739075364	9.7	9.7	9.7	NORMALE
13	191939070088	12.5	11.25	12.0	NORMALE
14	191939066282	12.5	10.2	11.58	NORMALE
15	191939063808	6.0	10.15	7.66	NORMALE
16	191939071329	7.5	10.45	8.68	NORMALE
17	191939070044	10.25	10.1	10.19	NORMALE
18	191939064640	7.5	10.15	8.56	NORMALE
19	191939067550	8.0	10.25	8.9	NORMALE
20	181839073057	10.5	10.35	10.44	NORMALE
21	191939067634	9.5	11.75	10.4	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Schémas et Appareillage / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	10.3	4.12	NORMALE
2	191939067480	7.75	11.3	9.17	NORMALE
3	191939066295	10.5	10.0	10.3	NORMALE
4	181839068368	6.0	0.0	3.6	NORMALE
5	191939065471	6.0	10.4	7.76	NORMALE
6	181839067575	6.5	10.15	7.96	NORMALE
7	181839072985	10.0	10.6	10.24	NORMALE
8	191939066946	12.5	10.55	11.72	NORMALE
9	191939066902	3.5	11.4	6.66	NORMALE
10	191939066290	11.5	10.8	11.22	NORMALE
11	181839067961	12.5	12.7	12.58	NORMALE
12	181839068409	1.0	10.15	4.66	NORMALE
13	181839065724	12.0	10.55	11.42	NORMALE
14	191939067521	6.75	10.9	8.41	NORMALE
15	191939078556	5.5	10.0	7.3	NORMALE
16	191939079933	14.5	11.5	13.3	NORMALE
17	191939067963	6.0	10.6	7.84	NORMALE
18	181839068236	8.6	8.6	8.6	NORMALE
19	181839065722	7.6	7.6	7.6	NORMALE
20	171739068587	7.99	7.99	7.99	NORMALE
21	191939067041	18.0	11.95	15.58	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Sécurité Electrique / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	14.25	0.0	14.25	NORMALE
2	191931025291	11.25	0.0	11.25	NORMALE
3	181839063952	9.75	0.0	9.75	NORMALE
4	191939078832	10.0	0.0	10.0	NORMALE
5	191939071793	12.0	0.0	12.0	NORMALE
6	181839064074	13.0	0.0	13.0	NORMALE
7	181939079101	12.25	0.0	12.25	NORMALE
8	191939069226	15.5	0.0	15.5	NORMALE
9	191939064489	8.25	0.0	8.25	NORMALE
10	191939065876	14.25	0.0	14.25	NORMALE
11	181839066298	12.25	0.0	12.25	NORMALE
12	191939068058	10.0	0.0	10.0	NORMALE
13	191939066276	11.5	0.0	11.5	NORMALE
14	191939064653	10.0	0.0	10.0	NORMALE
15	191939065481	12.75	0.0	12.75	NORMALE
16	191939065478	8.75	0.0	8.75	NORMALE
17	191939071230	15.25	0.0	15.25	NORMALE
18	191939066280	13.75	0.0	13.75	NORMALE
19	191939070940	13.0	0.0	13.0	NORMALE
20	191939067692	11.75	0.0	11.75	NORMALE
21	191939068800	14.5	0.0	14.5	NORMALE
22	181839066954	8.5	0.0	8.5	NORMALE
23	191939064695	13.0	0.0	13.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Sécurité Electrique / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	11.0	0.0	11.0	NORMALE
2	181839065727	13.25	0.0	13.25	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	11.0	0.0	11.0	NORMALE
5	191939071278	14.25	0.0	14.25	NORMALE
6	191939069227	11.75	0.0	11.75	NORMALE
7	191939065475	10.0	0.0	10.0	NORMALE
8	191939065507	13.5	0.0	13.5	NORMALE
9	181839065340	14.0	0.0	14.0	NORMALE
10	191939072403	13.75	0.0	13.75	NORMALE
11	191939079330	14.0	0.0	14.0	NORMALE
12	191939071766	12.5	0.0	12.5	NORMALE
13	191939067986	12.5	0.0	12.5	NORMALE
14	191939065962	14.0	0.0	14.0	NORMALE
15	191939067040	10.75	0.0	10.75	NORMALE
16	191939063815	11.5	0.0	11.5	NORMALE
17	191939068864	8.0	0.0	8.0	NORMALE
18	191939065971	14.5	0.0	14.5	NORMALE
19	191939072401	11.25	0.0	11.25	NORMALE
20	181839064903	12.25	0.0	12.25	NORMALE
21	181839063941	9.0	0.0	9.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Sécurité Electrique / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	12.0	0.0	12.0	NORMALE
2	191939067581	10.75	0.0	10.75	NORMALE
3	2199925114	11.5	0.0	11.5	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	13.0	0.0	13.0	NORMALE
6	181839068296	13.5	0.0	13.5	NORMALE
7	191939071753	14.0	0.0	14.0	NORMALE
8	191939065985	13.25	0.0	13.25	NORMALE
9	191939071296	13.0	0.0	13.0	NORMALE
10	191939066211	9.75	0.0	9.75	NORMALE
11	181839064886	11.25	0.0	11.25	NORMALE
12	171739075364	12.25	0.0	12.25	NORMALE
13	191939070088	10.75	0.0	10.75	NORMALE
14	191939066282	13.5	0.0	13.5	NORMALE
15	191939063808	12.0	0.0	12.0	NORMALE
16	191939071329	12.25	0.0	12.25	NORMALE
17	191939070044	11.25	0.0	11.25	NORMALE
18	191939064640	12.25	0.0	12.25	NORMALE
19	191939067550	12.25	0.0	12.25	NORMALE
20	181839073057	13.0	0.0	13.0	NORMALE
21	191939067634	11.5	0.0	11.5	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Sécurité Electrique / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	11.0	0.0	11.0	NORMALE
2	191939067480	13.0	0.0	13.0	NORMALE
3	191939066295	12.25	0.0	12.25	NORMALE
4	181839068368	14.75	0.0	14.75	NORMALE
5	191939065471	12.25	0.0	12.25	NORMALE
6	181839067575	14.0	0.0	14.0	NORMALE
7	181839072985	10.5	0.0	10.5	NORMALE
8	191939066946	13.5	0.0	13.5	NORMALE
9	191939066902	12.75	0.0	12.75	NORMALE
10	191939066290	12.5	0.0	12.5	NORMALE
11	181839067961	13.0	0.0	13.0	NORMALE
12	181839068409	12.75	0.0	12.75	NORMALE
13	181839065724	9.75	0.0	9.75	NORMALE
14	191939067521	12.75	0.0	12.75	NORMALE
15	191939078556	14.5	0.0	14.5	NORMALE
16	191939079933	12.0	0.0	12.0	NORMALE
17	191939067963	11.25	0.0	11.25	NORMALE
18	181839068236	10.0	0.0	10.0	NORMALE
19	181839065722	14.0	0.0	14.0	NORMALE
20	171739068587	14.0	0.0	14.0	NORMALE
21	191939067041	10.75	0.0	10.75	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Système Asservis / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	5.0	15.0	9.0	NORMALE
2	191931025291	9.0	19.0	13.0	NORMALE
3	181839063952	6.0	7.5	6.6	NORMALE
4	191939078832	7.0	15.0	10.2	NORMALE
5	191939071793	7.0	11.5	8.8	NORMALE
6	181839064074	11.0	15.0	12.6	NORMALE
7	181939079101	12.0	16.75	13.9	NORMALE
8	191939069226	13.0	15.25	13.9	NORMALE
9	191939064489	9.0	3.0	6.6	NORMALE
10	191939065876	3.0	10.0	5.8	NORMALE
11	181839066298	4.0	15.25	8.5	NORMALE
12	191939068058	13.0	10.5	12.0	NORMALE
13	191939066276	5.0	12.0	7.8	NORMALE
14	191939064653	16.0	12.0	14.4	NORMALE
15	191939065481	13.0	3.0	9.0	NORMALE
16	191939065478	4.0	14.25	8.1	NORMALE
17	191939071230	4.0	19.0	10.0	NORMALE
18	191939066280	2.0	17.5	8.2	NORMALE
19	191939070940	9.0	10.25	9.5	NORMALE
20	191939067692	0.0	10.5	4.2	NORMALE
21	191939068800	5.0	17.5	10.0	NORMALE
22	181839066954	8.0	15.5	11.0	NORMALE
23	191939064695	7.0	15.25	10.3	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Système Asservis / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	4.0	16.25	8.9	NORMALE
2	181839065727	7.0	3.25	5.5	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	10.64	10.64	10.64	NORMALE
5	191939071278	5.0	15.0	9.0	NORMALE
6	191939069227	5.0	14.0	8.6	NORMALE
7	191939065475	4.0	11.75	7.1	NORMALE
8	191939065507	10.0	9.25	9.7	NORMALE
9	181839065340	14.4	14.4	14.4	NORMALE
10	191939072403	4.0	12.25	7.3	NORMALE
11	191939079330	16.0	18.0	16.8	NORMALE
12	191939071766	17.0	6.75	12.9	NORMALE
13	191939067986	8.0	16.75	11.5	NORMALE
14	191939065962	4.0	10.5	6.6	NORMALE
15	191939067040	9.0	13.75	10.9	NORMALE
16	191939063815	8.0	13.75	10.3	NORMALE
17	191939068864	13.0	9.75	11.7	NORMALE
18	191939065971	9.0	12.25	10.3	NORMALE
19	191939072401	12.0	11.5	11.8	NORMALE
20	181839064903	2.0	9.75	5.1	NORMALE
21	181839063941	4.0	11.25	6.9	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Système Asservis / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	4.0	12.75	7.5	NORMALE
2	191939067581	17.0	14.25	15.9	NORMALE
3	2199925114	10.0	0.0	6.0	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	5.0	7.25	5.9	NORMALE
6	181839068296	11.0	15.25	12.7	NORMALE
7	191939071753	9.0	3.0	6.6	NORMALE
8	191939065985	11.0	12.75	11.7	NORMALE
9	191939071296	5.0	14.5	8.8	NORMALE
10	191939066211	11.0	11.25	11.1	NORMALE
11	181839064886	8.0	19.0	12.4	NORMALE
12	171739075364	10.8	10.8	10.8	NORMALE
13	191939070088	9.0	15.25	11.5	NORMALE
14	191939066282	7.0	12.75	9.3	NORMALE
15	191939063808	5.0	3.0	4.2	NORMALE
16	191939071329	8.0	15.25	10.9	NORMALE
17	191939070044	10.0	8.25	9.3	NORMALE
18	191939064640	5.0	7.0	5.8	NORMALE
19	191939067550	4.0	19.0	10.0	NORMALE
20	181839073057	2.0	3.25	2.5	NORMALE
21	191939067634	12.0	3.0	8.4	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Système Asservis / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	10.0	10.0	10.0	NORMALE
2	191939067480	10.0	13.5	11.4	NORMALE
3	191939066295	6.0	9.0	7.2	NORMALE
4	181839068368	10.8	10.8	10.8	NORMALE
5	191939065471	13.0	9.0	11.4	NORMALE
6	181839067575	6.0	11.0	8.0	NORMALE
7	181839072985	13.0	7.5	10.8	NORMALE
8	191939066946	13.0	7.75	10.9	NORMALE
9	191939066902	0.0	7.5	3.0	NORMALE
10	191939066290	8.0	14.0	10.4	NORMALE
11	181839067961	14.0	11.75	13.1	NORMALE
12	181839068409	13.0	3.0	9.0	NORMALE
13	181839065724	13.0	9.25	11.5	NORMALE
14	191939067521	6.0	7.0	6.4	NORMALE
15	191939078556	8.0	13.0	10.0	NORMALE
16	191939079933	7.0	17.0	11.0	NORMALE
17	191939067963	11.0	15.25	12.7	NORMALE
18	181839068236	14.0	14.0	14.0	NORMALE
19	181839065722	10.0	10.0	10.0	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	17.0	7.75	13.3	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Electronique de puissance / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	0.0	16.0	16.0	NORMALE
2	191931025291	0.0	14.0	14.0	NORMALE
3	181839063952	0.0	0.0	0.0	NORMALE
4	191939078832	0.0	14.0	14.0	NORMALE
5	191939071793	0.0	17.0	17.0	NORMALE
6	181839064074	0.0	14.0	14.0	NORMALE
7	181939079101	0.0	16.0	16.0	NORMALE
8	191939069226	0.0	14.0	14.0	NORMALE
9	191939064489	0.0	15.0	15.0	NORMALE
10	191939065876	0.0	15.0	15.0	NORMALE
11	181839066298	0.0	14.0	14.0	NORMALE
12	191939068058	0.0	15.0	15.0	NORMALE
13	191939066276	0.0	14.0	14.0	NORMALE
14	191939064653	0.0	14.0	14.0	NORMALE
15	191939065481	0.0	16.0	16.0	NORMALE
16	191939065478	0.0	16.0	16.0	NORMALE
17	191939071230	0.0	17.0	17.0	NORMALE
18	191939066280	0.0	14.0	14.0	NORMALE
19	191939070940	0.0	14.0	14.0	NORMALE
20	191939067692	0.0	17.0	17.0	NORMALE
21	191939068800	0.0	15.0	15.0	NORMALE
22	181839066954	0.0	17.0	17.0	NORMALE
23	191939064695	0.0	14.0	14.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Electronique de puissance / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	0.0	14.0	14.0	NORMALE
2	181839065727	0.0	14.0	14.0	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	0.0	15.8	15.8	NORMALE
5	191939071278	0.0	14.0	14.0	NORMALE
6	191939069227	0.0	14.0	14.0	NORMALE
7	191939065475	0.0	14.0	14.0	NORMALE
8	191939065507	0.0	14.0	14.0	NORMALE
9	181839065340	0.0	13.25	13.25	NORMALE
10	191939072403	0.0	14.0	14.0	NORMALE
11	191939079330	0.0	15.0	15.0	NORMALE
12	191939071766	0.0	14.0	14.0	NORMALE
13	191939067986	0.0	14.0	14.0	NORMALE
14	191939065962	0.0	14.0	14.0	NORMALE
15	191939067040	0.0	14.0	14.0	NORMALE
16	191939063815	0.0	14.0	14.0	NORMALE
17	191939068864	0.0	15.0	15.0	NORMALE
18	191939065971	0.0	15.0	15.0	NORMALE
19	191939072401	0.0	14.0	14.0	NORMALE
20	181839064903	0.0	14.0	14.0	NORMALE
21	181839063941	0.0	14.0	14.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Electronique de puissance / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	0.0	16.0	16.0	NORMALE
2	191939067581	0.0	15.0	15.0	NORMALE
3	2199925114	0.0	16.0	16.0	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	0.0	14.0	14.0	NORMALE
6	181839068296	0.0	14.0	14.0	NORMALE
7	191939071753	0.0	14.0	14.0	NORMALE
8	191939065985	0.0	16.0	16.0	NORMALE
9	191939071296	0.0	15.0	15.0	NORMALE
10	191939066211	0.0	14.0	14.0	NORMALE
11	181839064886	0.0	14.0	14.0	NORMALE
12	171739075364	0.0	0.0	0.0	NORMALE
13	191939070088	0.0	14.0	14.0	NORMALE
14	191939066282	0.0	14.0	14.0	NORMALE
15	191939063808	0.0	14.0	14.0	NORMALE
16	191939071329	0.0	15.0	15.0	NORMALE
17	191939070044	0.0	14.0	14.0	NORMALE
18	191939064640	0.0	14.0	14.0	NORMALE
19	191939067550	0.0	15.0	15.0	NORMALE
20	181839073057	0.0	14.0	14.0	NORMALE
21	191939067634	0.0	14.0	14.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Electronique de puissance / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	13.0	13.0	NORMALE
2	191939067480	0.0	14.0	14.0	NORMALE
3	191939066295	0.0	16.0	16.0	NORMALE
4	181839068368	0.0	12.75	12.75	NORMALE
5	191939065471	0.0	16.0	16.0	NORMALE
6	181839067575	0.0	16.0	16.0	NORMALE
7	181839072985	0.0	14.0	14.0	NORMALE
8	191939066946	0.0	16.0	16.0	NORMALE
9	191939066902	0.0	14.0	14.0	NORMALE
10	191939066290	0.0	16.0	16.0	NORMALE
11	181839067961	0.0	14.0	14.0	NORMALE
12	181839068409	0.0	15.0	15.0	NORMALE
13	181839065724	0.0	16.0	16.0	NORMALE
14	191939067521	0.0	14.0	14.0	NORMALE
15	191939078556	0.0	15.0	15.0	NORMALE
16	191939079933	0.0	14.0	14.0	NORMALE
17	191939067963	0.0	15.0	15.0	NORMALE
18	181839068236	0.0	12.75	12.75	NORMALE
19	181839065722	0.0	13.0	13.0	NORMALE
20	171739068587	0.0	15.3	15.3	NORMALE
21	191939067041	0.0	14.0	14.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Machines Electriques / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	0.0	15.25	15.25	NORMALE
2	191931025291	0.0	13.75	13.75	NORMALE
3	181839063952	0.0	0.0	0.0	NORMALE
4	191939078832	0.0	14.75	14.75	NORMALE
5	191939071793	0.0	10.5	10.5	NORMALE
6	181839064074	0.0	15.0	15.0	NORMALE
7	181939079101	0.0	11.25	11.25	NORMALE
8	191939069226	0.0	9.75	9.75	NORMALE
9	191939064489	0.0	9.75	9.75	NORMALE
10	191939065876	0.0	13.5	13.5	NORMALE
11	181839066298	0.0	11.0	11.0	NORMALE
12	191939068058	0.0	9.5	9.5	NORMALE
13	191939066276	0.0	11.5	11.5	NORMALE
14	191939064653	0.0	11.5	11.5	NORMALE
15	191939065481	0.0	9.75	9.75	NORMALE
16	191939065478	0.0	11.5	11.5	NORMALE
17	191939071230	0.0	14.75	14.75	NORMALE
18	191939066280	0.0	13.5	13.5	NORMALE
19	191939070940	0.0	13.0	13.0	NORMALE
20	191939067692	0.0	13.5	13.5	NORMALE
21	191939068800	0.0	14.75	14.75	NORMALE
22	181839066954	0.0	16.75	16.75	NORMALE
23	191939064695	0.0	13.25	13.25	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Machines Electriques / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	0.0	12.0	12.0	NORMALE
2	181839065727	0.0	12.5	12.5	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	0.0	8.5	8.5	NORMALE
5	191939071278	0.0	12.0	12.0	NORMALE
6	191939069227	0.0	13.0	13.0	NORMALE
7	191939065475	0.0	9.25	9.25	NORMALE
8	191939065507	0.0	10.0	10.0	NORMALE
9	181839065340	0.0	11.5	11.5	NORMALE
10	191939072403	0.0	8.75	8.75	NORMALE
11	191939079330	0.0	17.5	17.5	NORMALE
12	191939071766	0.0	14.25	14.25	NORMALE
13	191939067986	0.0	14.0	14.0	NORMALE
14	191939065962	0.0	13.75	13.75	NORMALE
15	191939067040	0.0	14.0	14.0	NORMALE
16	191939063815	0.0	14.5	14.5	NORMALE
17	191939068864	0.0	12.75	12.75	NORMALE
18	191939065971	0.0	10.5	10.5	NORMALE
19	191939072401	0.0	12.0	12.0	NORMALE
20	181839064903	0.0	12.0	12.0	NORMALE
21	181839063941	0.0	13.25	13.25	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Machines Electriques / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	0.0	10.5	10.5	NORMALE
2	191939067581	0.0	16.25	16.25	NORMALE
3	2199925114	0.0	7.0	7.0	NORMALE
4	2186160484	0.0	11.5	11.5	NORMALE
5	191939065840	0.0	16.75	16.75	NORMALE
6	181839068296	0.0	14.25	14.25	NORMALE
7	191939071753	0.0	12.0	12.0	NORMALE
8	191939065985	0.0	12.5	12.5	NORMALE
9	191939071296	0.0	14.75	14.75	NORMALE
10	191939066211	0.0	16.25	16.25	NORMALE
11	181839064886	0.0	8.75	8.75	NORMALE
12	171739075364	0.0	13.0	13.0	NORMALE
13	191939070088	0.0	12.5	12.5	NORMALE
14	191939066282	0.0	13.0	13.0	NORMALE
15	191939063808	0.0	12.25	12.25	NORMALE
16	191939071329	0.0	10.75	10.75	NORMALE
17	191939070044	0.0	12.0	12.0	NORMALE
18	191939064640	0.0	12.5	12.5	NORMALE
19	191939067550	0.0	13.75	13.75	NORMALE
20	181839073057	0.0	7.0	7.0	NORMALE
21	191939067634	0.0	14.75	14.75	NORMALE

2021/2022

Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Machines Electriques / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	0.0	0.0	NORMALE
2	191939067480	0.0	17.0	17.0	NORMALE
3	191939066295	0.0	13.75	13.75	NORMALE
4	181839068368	0.0	11.0	11.0	NORMALE
5	191939065471	0.0	13.5	13.5	NORMALE
6	181839067575	0.0	12.0	12.0	NORMALE
7	181839072985	0.0	13.0	13.0	NORMALE
8	191939066946	0.0	12.0	12.0	NORMALE
9	191939066902	0.0	12.5	12.5	NORMALE
10	191939066290	0.0	11.25	11.25	NORMALE
11	181839067961	0.0	20.0	20.0	NORMALE
12	181839068409	0.0	14.0	14.0	NORMALE
13	181839065724	0.0	10.0	10.0	NORMALE
14	191939067521	0.0	15.25	15.25	NORMALE
15	191939078556	0.0	7.0	7.0	NORMALE
16	191939079933	0.0	13.25	13.25	NORMALE
17	191939067963	0.0	13.25	13.25	NORMALE
18	181839068236	0.0	11.0	11.0	NORMALE
19	181839065722	0.0	10.0	10.0	NORMALE
20	171739068587	0.0	11.0	11.0	NORMALE
21	191939067041	0.0	15.5	15.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Systèmes Asservis / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	0.0	13.25	13.25	NORMALE
2	191931025291	0.0	7.75	7.75	NORMALE
3	181839063952	0.0	0.0	0.0	NORMALE
4	191939078832	0.0	10.0	10.0	NORMALE
5	191939071793	0.0	6.0	6.0	NORMALE
6	181839064074	0.0	6.0	6.0	NORMALE
7	181939079101	0.0	10.0	10.0	NORMALE
8	191939069226	0.0	12.5	12.5	NORMALE
9	191939064489	0.0	6.0	6.0	NORMALE
10	191939065876	0.0	10.0	10.0	NORMALE
11	181839066298	0.0	10.0	10.0	NORMALE
12	191939068058	0.0	7.75	7.75	NORMALE
13	191939066276	0.0	6.0	6.0	NORMALE
14	191939064653	0.0	0.0	0.0	NORMALE
15	191939065481	0.0	7.5	7.5	NORMALE
16	191939065478	0.0	9.25	9.25	NORMALE
17	191939071230	0.0	10.0	10.0	NORMALE
18	191939066280	0.0	9.5	9.5	NORMALE
19	191939070940	0.0	10.0	10.0	NORMALE
20	191939067692	0.0	11.25	11.25	NORMALE
21	191939068800	0.0	10.5	10.5	NORMALE
22	181839066954	0.0	11.5	11.5	NORMALE
23	191939064695	0.0	7.5	7.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Systèmes Asservis / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	0.0	7.75	7.75	NORMALE
2	181839065727	0.0	9.5	9.5	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	0.0	10.53	10.53	NORMALE
5	191939071278	0.0	10.0	10.0	NORMALE
6	191939069227	0.0	13.0	13.0	NORMALE
7	191939065475	0.0	12.75	12.75	NORMALE
8	191939065507	0.0	10.75	10.75	NORMALE
9	181839065340	0.0	10.75	10.75	NORMALE
10	191939072403	0.0	9.25	9.25	NORMALE
11	191939079330	0.0	12.25	12.25	NORMALE
12	191939071766	0.0	9.5	9.5	NORMALE
13	191939067986	0.0	6.0	6.0	NORMALE
14	191939065962	0.0	10.0	10.0	NORMALE
15	191939067040	0.0	11.25	11.25	NORMALE
16	191939063815	0.0	6.0	6.0	NORMALE
17	191939068864	0.0	6.0	6.0	NORMALE
18	191939065971	0.0	7.75	7.75	NORMALE
19	191939072401	0.0	6.0	6.0	NORMALE
20	181839064903	0.0	6.0	6.0	NORMALE
21	181839063941	0.0	6.0	6.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Systèmes Asservis / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	0.0	8.0	8.0	NORMALE
2	191939067581	0.0	12.75	12.75	NORMALE
3	2199925114	0.0	0.0	0.0	NORMALE
4	2186160484	0.0	0.0	0.0	NORMALE
5	191939065840	0.0	17.25	17.25	NORMALE
6	181839068296	0.0	11.5	11.5	NORMALE
7	191939071753	0.0	11.25	11.25	NORMALE
8	191939065985	0.0	6.0	6.0	NORMALE
9	191939071296	0.0	10.0	10.0	NORMALE
10	191939066211	0.0	13.5	13.5	NORMALE
11	181839064886	0.0	10.0	10.0	NORMALE
12	171739075364	0.0	18.0	18.0	NORMALE
13	191939070088	0.0	9.25	9.25	NORMALE
14	191939066282	0.0	14.25	14.25	NORMALE
15	191939063808	0.0	7.0	7.0	NORMALE
16	191939071329	0.0	10.25	10.25	NORMALE
17	191939070044	0.0	6.0	6.0	NORMALE
18	191939064640	0.0	13.75	13.75	NORMALE
19	191939067550	0.0	7.5	7.5	NORMALE
20	181839073057	0.0	6.0	6.0	NORMALE
21	191939067634	0.0	11.5	11.5	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: TP Systèmes Asservis / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	0.0	18.0	18.0	NORMALE
2	191939067480	0.0	11.5	11.5	NORMALE
3	191939066295	0.0	9.0	9.0	NORMALE
4	181839068368	0.0	18.0	18.0	NORMALE
5	191939065471	0.0	8.5	8.5	NORMALE
6	181839067575	0.0	8.0	8.0	NORMALE
7	181839072985	0.0	7.0	7.0	NORMALE
8	191939066946	0.0	11.0	11.0	NORMALE
9	191939066902	0.0	11.5	11.5	NORMALE
10	191939066290	0.0	9.0	9.0	NORMALE
11	181839067961	0.0	19.5	19.5	NORMALE
12	181839068409	0.0	11.5	11.5	NORMALE
13	181839065724	0.0	11.75	11.75	NORMALE
14	191939067521	0.0	12.5	12.5	NORMALE
15	191939078556	0.0	8.0	8.0	NORMALE
16	191939079933	0.0	13.25	13.25	NORMALE
17	191939067963	0.0	11.0	11.0	NORMALE
18	181839068236	0.0	18.0	18.0	NORMALE
19	181839065722	0.0	17.0	17.0	NORMALE
20	171739068587	0.0	8.02	8.02	NORMALE
21	191939067041	0.0	13.0	13.0	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Transfert thermique / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	191939065437	4.5	6.5	5.3	NORMALE
2	191931025291	5.0	6.25	5.5	NORMALE
3	181839063952	1.0	6.0	3.0	NORMALE
4	191939078832	3.0	6.75	4.5	NORMALE
5	191939071793	13.0	7.25	10.7	NORMALE
6	181839064074	7.0	10.25	8.3	NORMALE
7	181939079101	0.0	8.0	3.2	NORMALE
8	191939069226	7.0	6.25	6.7	NORMALE
9	191939064489	5.0	7.5	6.0	NORMALE
10	191939065876	4.5	7.25	5.6	NORMALE
11	181839066298	4.0	7.25	5.3	NORMALE
12	191939068058	3.0	6.75	4.5	NORMALE
13	191939066276	7.5	6.25	7.0	NORMALE
14	191939064653	5.0	7.0	5.8	NORMALE
15	191939065481	3.5	6.5	4.7	NORMALE
16	191939065478	3.0	7.5	4.8	NORMALE
17	191939071230	12.5	9.25	11.2	NORMALE
18	191939066280	4.5	6.25	5.2	NORMALE
19	191939070940	1.5	6.25	3.4	NORMALE
20	191939067692	5.5	6.25	5.8	NORMALE
21	191939068800	2.5	6.75	4.2	NORMALE
22	181839066954	10.5	7.75	9.4	NORMALE
23	191939064695	2.0	7.25	4.1	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Transfert thermique / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	191939064533	8.5	6.75	7.8	NORMALE
2	181839065727	5.5	6.5	5.9	NORMALE
3	191939063671	0.0	0.0	0.0	NORMALE
4	171739070201	9.0	0.0	5.4	NORMALE
5	191939071278	6.0	8.0	6.8	NORMALE
6	191939069227	7.5	6.25	7.0	NORMALE
7	191939065475	3.5	6.75	4.8	NORMALE
8	191939065507	9.0	6.75	8.1	NORMALE
9	181839065340	3.5	7.75	5.2	NORMALE
10	191939072403	4.5	6.5	5.3	NORMALE
11	191939079330	10.0	13.75	11.5	NORMALE
12	191939071766	2.0	8.25	4.5	NORMALE
13	191939067986	2.5	7.0	4.3	NORMALE
14	191939065962	5.5	7.0	6.1	NORMALE
15	191939067040	5.0	6.5	5.6	NORMALE
16	191939063815	1.5	6.75	3.6	NORMALE
17	191939068864	7.5	10.0	8.5	NORMALE
18	191939065971	11.5	7.75	10.0	NORMALE
19	191939072401	4.5	7.0	5.5	NORMALE
20	181839064903	2.5	6.75	4.2	NORMALE
21	181839063941	2.5	7.75	4.6	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Transfert thermique / Section A / 3

#	Matricule	Examen	CC	MG	Session
1	191939072488	3.0	9.5	5.6	NORMALE
2	191939067581	15.5	6.5	11.9	NORMALE
3	2199925114	3.0	6.75	4.5	NORMALE
4	2186160484	6.5	10.5	8.1	NORMALE
5	191939065840	12.5	15.5	13.7	NORMALE
6	181839068296	4.0	13.5	7.8	NORMALE
7	191939071753	5.0	10.0	7.0	NORMALE
8	191939065985	0.5	0.0	0.3	NORMALE
9	191939071296	6.0	7.5	6.6	NORMALE
10	191939066211	7.0	6.25	6.7	NORMALE
11	181839064886	4.5	6.0	5.1	NORMALE
12	171739075364	6.0	6.5	6.2	NORMALE
13	191939070088	6.5	6.75	6.6	NORMALE
14	191939066282	4.5	6.25	5.2	NORMALE
15	191939063808	7.5	6.75	7.2	NORMALE
16	191939071329	4.0	6.5	5.0	NORMALE
17	191939070044	3.0	8.5	5.2	NORMALE
18	191939064640	8.0	6.75	7.5	NORMALE
19	191939067550	2.0	6.5	3.8	NORMALE
20	181839073057	4.0	8.25	5.7	NORMALE
21	191939067634	2.5	10.25	5.6	NORMALE

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Filière: electromécanique
Electromécanique

Niveau: Arrêté d'habilitation de l'offre de formation: N°Arrêté n°714 du 05 Aout 2015

Matière: Transfert thermique / Section A / 4

#	Matricule	Examen	CC	MG	Session
1	171739073166	11.0	11.0	11.0	NORMALE
2	191939067480	8.0	8.25	8.1	NORMALE
3	191939066295	4.5	7.25	5.6	NORMALE
4	181839068368	1.0	0.0	0.6	NORMALE
5	191939065471	2.0	7.25	4.1	NORMALE
6	181839067575	4.5	8.0	5.9	NORMALE
7	181839072985	3.5	7.0	4.9	NORMALE
8	191939066946	5.0	7.0	5.8	NORMALE
9	191939066902	7.5	9.5	8.3	NORMALE
10	191939066290	10.0	7.25	8.9	NORMALE
11	181839067961	9.5	14.25	11.4	NORMALE
12	181839068409	1.0	6.75	3.3	NORMALE
13	181839065724	4.5	7.5	5.7	NORMALE
14	191939067521	7.5	6.75	7.2	NORMALE
15	191939078556	1.0	7.5	3.6	NORMALE
16	191939079933	9.5	7.25	8.6	NORMALE
17	191939067963	7.0	6.75	6.9	NORMALE
18	181839068236	7.5	9.0	8.1	NORMALE
19	181839065722	2.5	0.0	1.5	NORMALE
20	171739068587	0.0	0.0	0.0	NORMALE
21	191939067041	10.0	9.0	9.6	NORMALE