



2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Construction Mécanique / Section A / 1

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

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Construction Mécanique / Section A / 2

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

Signature de l'enseignant:

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2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Construction Mécanique / Section A / 3

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Construction Mécanique / Section A / 4

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

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Electronique de puissance / Section A / 1

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

Signature de l'enseignant:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Electronique de puissance / Section A / 2

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

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Electronique de puissance / Section A / 3

#	Matricule	Examen	CC	MG
1	191939072488	11.0	12.5	11.6
2	191939067581	20.0	20.0	20.0
3	2199925114	4.0	8.0	5.6
4	191939065840	20.0	20.0	20.0
5	181839068296	17.0	20.0	18.2
6	191939071753	19.5	19.5	19.5
7	191939065985	8.5	8.5	8.5
8	191939071296	17.0	17.0	17.0
9	191939066211	7.0	11.0	8.6
10	181839064886	9.0	9.0	9.0
11	171739075364	0.0	0.0	0.0
12	191939070088	14.0	18.0	15.6
13	191939066282	17.0	17.0	17.0
14	191939063808	20.0	20.0	20.0
15	191939071329	9.0	13.0	10.6
16	191939070044	15.0	15.0	15.0
17	191939064640	13.0	13.0	13.0
18	191939067550	3.0	11.0	6.2
19	181839073057	16.5	16.5	16.5
20	191939067634	19.0	19.0	19.0

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Electronique de puissance / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Machines Electriques / Section A / 1

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Machines Electriques / Section A / 2

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Machines Electriques / Section A / 3

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Machines Electriques / Section A / 4

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: Matériaux Electrotechniques / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Matériaux Electrotechniques / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Matériaux Electrotechniques / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Matériaux Electrotechniques / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

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

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

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

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

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

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

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

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Schémas et Appareillage / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Schémas et Appareillage / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Schémas et Appareillage / Section A / 3

#	Matricule	Examen	CC	MG
1	191939072488	3.5	10.15	6.16
2	191939067581	16.5	12.35	14.84
3	2199925114	9.25	11.4	10.11
4	191939065840	10.75	10.4	10.61
5	181839068296	0.0	11.7	4.68
6	191939071753	10.5	11.1	10.74
7	191939065985	9.0	10.15	9.46
8	191939071296	13.5	10.95	12.48
9	191939066211	9.25	10.0	9.55
10	181839064886	7.0	10.15	8.26
11	171739075364	9.7	9.7	9.7
12	191939070088	12.5	11.25	12.0
13	191939066282	12.5	10.2	11.58
14	191939063808	6.0	10.15	7.66
15	191939071329	7.5	10.45	8.68
16	191939070044	10.25	10.1	10.19
17	191939064640	7.5	10.15	8.56
18	191939067550	8.0	10.25	8.9
19	181839073057	10.5	10.35	10.44
20	191939067634	9.5	11.75	10.4

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Schémas et Appareillage / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Sécurité Electrique / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Sécurité Electrique / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Sécurité Electrique / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Sécurité Electrique / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Système Asservis / Section A / 1

#	Matricule	Examen	CC	MG
1	191939065437	5.0	15.0	9.0
2	191931025291	9.0	19.0	13.0
3	181839063952	6.0	7.5	6.6
4	191939078832	7.0	15.0	10.2
5	191939071793	7.0	11.5	8.8
6	181839064074	11.0	15.0	12.6
7	181939079101	12.0	16.75	13.9
8	191939069226	13.0	15.25	13.9
9	191939064489	9.0	3.0	6.6
10	191939065876	3.0	10.0	5.8
11	181839066298	4.0	15.25	8.5
12	191939068058	13.0	10.5	12.0
13	191939066276	5.0	12.0	7.8
14	191939064653	16.0	0.0	9.6
15	191939065481	13.0	3.0	9.0
16	191939065478	4.0	14.25	8.1
17	191939071230	4.0	19.0	10.0
18	191939066280	2.0	17.5	8.2
19	191939070940	9.0	10.25	9.5
20	191939067692	0.0	10.5	4.2
21	191939068800	5.0	17.5	10.0
22	181839066954	8.0	15.5	11.0
23	191939064695	7.0	15.25	10.3

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Système Asservis / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Système Asservis / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Système Asservis / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Electronique de puissance / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Electronique de puissance / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Electronique de puissance / Section A / 3

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

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Electronique de puissance / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Machines Electriques / Section A / 1

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

Signature de l'enseignant:

Le:

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Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Machines Electriques / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Machines Electriques / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Machines Electriques / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Systèmes Asservis / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Systèmes Asservis / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Systèmes Asservis / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: TP Systèmes Asservis / Section A / 4

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Transfert thermique / Section A / 1

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Transfert thermique / Section A / 2

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Transfert thermique / Section A / 3

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

Signature de l'enseignant:

Le:

2021/2022

Filière: Electromécanique
Electromécanique

Niveau:

Matière: Transfert thermique / Section A / 4

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

Signature de l'enseignant:

Le: