

2021/2022

Filière: Electrotechnique
machines électriques

Niveau:

Matière: Anglais Technique et Terminologie / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	15.0	0.0	15.0
2	171739068308	18.0	0.0	18.0
3	161639071728	0.0	0.0	0.0
4	181839067860	18.0	0.0	18.0
5	181839069910	8.0	0.0	8.0
6	20059058797	0.0	0.0	0.0
7	181339061526	17.0	0.0	17.0
8	161639070158	17.0	0.0	17.0
9	171739073757	17.0	0.0	17.0
10	161639076484	0.0	0.0	0.0
11	181839062737	19.0	0.0	19.0
12	21119044832	17.0	0.0	17.0
13	181839065690	18.0	0.0	18.0
14	181839071480	18.0	0.0	18.0
15	161639077234	12.0	0.0	12.0
16	181839065191	16.0	0.0	16.0
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	0.0	0.0
19	181839065252	15.0	0.0	15.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	16.0	0.0	16.0
24	181839071547	0.0	0.0	0.0
25	21941001758	20.0	0.0	20.0
26	181839063260	18.0	0.0	18.0
27	181839069826	0.0	0.0	0.0
28	161639065229	18.0	0.0	18.0
29	161639068681	0.0	0.0	0.0
30	171739066207	0.0	0.0	0.0
31	181839062975	19.0	0.0	19.0
32	181839071400	18.0	0.0	18.0
33	171739070497	18.0	0.0	18.0
34	181839067528	19.0	0.0	19.0
35	181839063034	18.0	0.0	18.0
36	181839066380	16.0	0.0	16.0
37	161539070817	0.0	0.0	0.0
38	161539070695	18.0	0.0	18.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Anglais Technique et Terminologie / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	18.0	0.0	18.0
2	171739070781	0.0	0.0	0.0
3	181839067834	14.0	0.0	14.0
4	181839063270	0.0	0.0	0.0
5	171739071167	17.0	0.0	17.0
6	161639075193	19.0	0.0	19.0
7	181839071389	16.0	0.0	16.0
8	181839065333	14.0	0.0	14.0
9	171739073738	18.0	0.0	18.0
10	181839062787	17.0	0.0	17.0
11	181839069899	12.0	0.0	12.0
12	161639072348	18.0	0.0	18.0
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	17.0	0.0	17.0
16	181839071497	16.0	0.0	16.0
17	181839065700	16.0	0.0	16.0
18	181839069911	18.0	0.0	18.0
19	181839063258	0.0	0.0	0.0
20	181839069704	16.0	0.0	16.0
21	171739075208	15.0	0.0	15.0
22	181839063017	16.0	0.0	16.0
23	181839071607	17.0	0.0	17.0
24	181839050144	18.0	0.0	18.0
25	21069060526	15.0	0.0	15.0
26	181839080218	18.0	0.0	18.0
27	18119049455	0.0	0.0	0.0
28	171739069248	18.0	0.0	18.0
29	181839071447	15.0	0.0	15.0
30	171739066722	0.0	0.0	0.0
31	171739051910	17.0	0.0	17.0
32	161639073798	15.0	0.0	15.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	16.0	0.0	16.0
36	211439059495	0.0	0.0	0.0
37	21129045971	18.0	0.0	18.0
38	211439061314	0.0	0.0	0.0
39	161539077044	15.0	0.0	15.0
40	211339047625	16.0	0.0	16.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Electronique de Puissance Avancée / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	3.0	12.0	6.6
2	171739068308	3.0	11.0	6.2
3	161639071728	0.0	0.0	0.0
4	181839067860	11.0	11.0	11.0
5	181839069910	0.0	7.0	2.8
6	20059058797	0.0	7.0	2.8
7	181339061526	1.0	7.0	3.4
8	161639070158	3.0	7.0	4.6
9	171739073757	1.0	7.0	3.4
10	161639076484	0.0	0.0	0.0
11	181839062737	11.0	18.0	13.8
12	21119044832	3.0	7.0	4.6
13	181839065690	1.0	7.0	3.4
14	181839071480	8.5	14.0	10.7
15	161639077234	0.0	0.0	0.0
16	181839065191	1.0	7.0	3.4
17	181839067833	0.0	0.0	0.0
18	181839064472	1.0	7.0	3.4
19	181839065252	3.0	7.0	4.6
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	13.0	16.0	14.2
26	181839063260	8.0	16.0	11.2
27	181839069826	0.0	0.0	0.0
28	161639065229	2.0	7.0	4.0
29	161639068681	0.0	7.0	2.8
30	171739066207	0.0	0.0	0.0
31	181839062975	4.0	7.0	5.2
32	181839071400	4.0	8.0	5.6
33	171739070497	2.0	7.0	4.0
34	181839067528	1.0	7.0	3.4
35	181839063034	8.0	14.0	10.4
36	181839066380	9.0	7.0	8.2
37	161539070817	0.0	0.0	0.0
38	161539070695	1.0	7.0	3.4
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Electronique de Puissance Avancée / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	3.0	12.0	6.6
2	171739070781	0.0	0.0	0.0
3	181839067834	10.0	7.0	8.8
4	181839063270	0.0	7.0	2.8
5	171739071167	1.0	7.0	3.4
6	161639075193	3.0	8.0	5.0
7	181839071389	10.0	7.0	8.8
8	181839065333	8.0	7.0	7.6
9	171739073738	1.0	7.0	3.4
10	181839062787	1.0	7.0	3.4
11	181839069899	2.0	10.0	5.2
12	161639072348	1.0	7.0	3.4
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	3.0	7.0	4.6
16	181839071497	6.0	14.0	9.2
17	181839065700	3.0	7.0	4.6
18	181839069911	2.0	7.0	4.0
19	181839063258	0.0	0.0	0.0
20	181839069704	1.0	7.0	3.4
21	171739075208	10.65	10.65	10.65
22	181839063017	11.0	18.0	13.8
23	181839071607	0.0	14.0	5.6
24	181839050144	2.0	7.0	4.0
25	21069060526	4.5	7.0	5.5
26	181839080218	5.0	7.0	5.8
27	18119049455	0.0	0.0	0.0
28	171739069248	2.0	12.0	6.0
29	181839071447	6.0	8.0	6.8
30	171739066722	0.0	0.0	0.0
31	171739051910	3.0	8.0	5.0
32	161639073798	1.0	7.0	3.4
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	3.0	7.0	4.6
36	211439059495	0.0	0.0	0.0
37	21129045971	1.0	0.0	0.6
38	211439061314	0.0	7.0	2.8
39	161539077044	0.0	0.0	0.0
40	211339047625	6.5	12.0	8.7

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Energies Renouvelables / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	5.5	0.0	5.5
2	171739068308	5.25	0.0	5.25
3	161639071728	0.0	0.0	0.0
4	181839067860	14.0	0.0	14.0
5	181839069910	7.5	0.0	7.5
6	20059058797	0.0	0.0	0.0
7	181339061526	11.0	0.0	11.0
8	161639070158	8.67	0.0	8.67
9	171739073757	9.0	0.0	9.0
10	161639076484	0.0	0.0	0.0
11	181839062737	11.0	0.0	11.0
12	21119044832	11.0	0.0	11.0
13	181839065690	5.5	0.0	5.5
14	181839071480	13.75	0.0	13.75
15	161639077234	15.0	0.0	15.0
16	181839065191	8.5	0.0	8.5
17	181839067833	0.0	0.0	0.0
18	181839064472	8.5	0.0	8.5
19	181839065252	7.0	0.0	7.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	19.0	0.0	19.0
26	181839063260	9.0	0.0	9.0
27	181839069826	0.0	0.0	0.0
28	161639065229	9.5	0.0	9.5
29	161639068681	5.0	0.0	5.0
30	171739066207	0.0	0.0	0.0
31	181839062975	7.5	0.0	7.5
32	181839071400	10.0	0.0	10.0
33	171739070497	10.0	0.0	10.0
34	181839067528	13.5	0.0	13.5
35	181839063034	6.5	0.0	6.5
36	181839066380	8.0	0.0	8.0
37	161539070817	0.0	0.0	0.0
38	161539070695	13.0	0.0	13.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Energies Renouvelables / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	12.0	0.0	12.0
2	171739070781	0.0	0.0	0.0
3	181839067834	7.0	0.0	7.0
4	181839063270	0.0	0.0	0.0
5	171739071167	10.0	0.0	10.0
6	161639075193	17.5	0.0	17.5
7	181839071389	8.0	0.0	8.0
8	181839065333	9.5	0.0	9.5
9	171739073738	4.0	0.0	4.0
10	181839062787	5.5	0.0	5.5
11	181839069899	9.25	0.0	9.25
12	161639072348	5.5	0.0	5.5
13	161639068696	0.0	0.0	0.0
14	161639066415	10.0	0.0	10.0
15	181839065194	10.0	0.0	10.0
16	181839071497	12.5	0.0	12.5
17	181839065700	7.67	0.0	7.67
18	181839069911	6.0	0.0	6.0
19	181839063258	0.0	0.0	0.0
20	181839069704	5.0	0.0	5.0
21	171739075208	11.25	0.0	11.25
22	181839063017	8.0	0.0	8.0
23	181839071607	0.0	0.0	0.0
24	181839050144	7.0	0.0	7.0
25	21069060526	6.0	0.0	6.0
26	181839080218	7.0	0.0	7.0
27	18119049455	8.0	0.0	8.0
28	171739069248	10.0	0.0	10.0
29	181839071447	2.5	0.0	2.5
30	171739066722	0.0	0.0	0.0
31	171739051910	10.5	0.0	10.5
32	161639073798	2.0	0.0	2.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	11.5	0.0	11.5
36	211439059495	0.0	0.0	0.0
37	21129045971	10.0	0.0	10.0
38	211439061314	0.0	0.0	0.0
39	161539077044	13.75	0.0	13.75
40	211339047625	13.5	0.0	13.5

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Informatique et Programmation / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	20.0	0.0	20.0
2	171739068308	8.0	0.0	8.0
3	161639071728	0.0	0.0	0.0
4	181839067860	13.0	0.0	13.0
5	181839069910	9.0	0.0	9.0
6	20059058797	0.0	0.0	0.0
7	181339061526	17.0	0.0	17.0
8	161639070158	14.0	0.0	14.0
9	171739073757	12.0	0.0	12.0
10	161639076484	0.0	0.0	0.0
11	181839062737	15.0	0.0	15.0
12	21119044832	19.0	0.0	19.0
13	181839065690	10.0	0.0	10.0
14	181839071480	15.5	0.0	15.5
15	161639077234	11.0	0.0	11.0
16	181839065191	0.0	0.0	0.0
17	181839067833	0.0	0.0	0.0
18	181839064472	10.5	0.0	10.5
19	181839065252	9.0	0.0	9.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	19.5	0.0	19.5
26	181839063260	10.5	0.0	10.5
27	181839069826	0.0	0.0	0.0
28	161639065229	10.0	0.0	10.0
29	161639068681	0.0	0.0	0.0
30	171739066207	0.0	0.0	0.0
31	181839062975	16.5	0.0	16.5
32	181839071400	18.5	0.0	18.5
33	171739070497	10.25	0.0	10.25
34	181839067528	11.0	0.0	11.0
35	181839063034	12.5	0.0	12.5
36	181839066380	8.0	0.0	8.0
37	161539070817	0.0	0.0	0.0
38	161539070695	12.5	0.0	12.5
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Informatique et Programmation / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	12.0	0.0	12.0
2	171739070781	0.0	0.0	0.0
3	181839067834	10.5	0.0	10.5
4	181839063270	0.0	0.0	0.0
5	171739071167	15.0	0.0	15.0
6	161639075193	10.0	0.0	10.0
7	181839071389	11.5	0.0	11.5
8	181839065333	14.0	0.0	14.0
9	171739073738	8.5	0.0	8.5
10	181839062787	17.5	0.0	17.5
11	181839069899	8.5	0.0	8.5
12	161639072348	14.5	0.0	14.5
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	10.0	0.0	10.0
16	181839071497	10.0	0.0	10.0
17	181839065700	13.0	0.0	13.0
18	181839069911	9.0	0.0	9.0
19	181839063258	0.0	0.0	0.0
20	181839069704	15.0	0.0	15.0
21	171739075208	12.0	0.0	12.0
22	181839063017	13.0	0.0	13.0
23	181839071607	10.5	0.0	10.5
24	181839050144	12.5	0.0	12.5
25	21069060526	8.0	0.0	8.0
26	181839080218	8.0	0.0	8.0
27	18119049455	13.0	0.0	13.0
28	171739069248	12.5	0.0	12.5
29	181839071447	14.5	0.0	14.5
30	171739066722	0.0	0.0	0.0
31	171739051910	10.0	0.0	10.0
32	161639073798	15.0	0.0	15.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	16.0	0.0	16.0
36	211439059495	0.0	0.0	0.0
37	21129045971	7.0	0.0	7.0
38	211439061314	0.0	0.0	0.0
39	161539077044	12.0	0.0	12.0
40	211339047625	15.0	0.0	15.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Machines Electriques Approfondies / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	6.0	14.12	9.25
2	171739068308	2.5	10.0	5.5
3	161639071728	0.0	0.0	0.0
4	181839067860	1.5	11.87	5.65
5	181839069910	0.0	7.53	3.01
6	20059058797	0.0	10.0	4.0
7	181339061526	1.5	6.7	3.58
8	161639070158	2.0	11.12	5.65
9	171739073757	3.5	10.0	6.1
10	161639076484	0.0	0.0	0.0
11	181839062737	7.0	12.95	9.38
12	21119044832	8.0	14.15	10.46
13	181839065690	0.0	10.0	4.0
14	181839071480	6.5	0.0	3.9
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	0.0	0.0
17	181839067833	0.0	0.0	0.0
18	181839064472	2.5	4.23	3.19
19	181839065252	4.0	12.7	7.48
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	11.2	11.2	11.2
24	181839071547	0.0	0.0	0.0
25	21941001758	12.0	19.3	14.92
26	181839063260	5.0	9.18	6.67
27	181839069826	0.0	0.0	0.0
28	161639065229	3.5	11.87	6.85
29	161639068681	0.0	8.35	3.34
30	171739066207	0.0	0.0	0.0
31	181839062975	2.0	10.0	5.2
32	181839071400	3.0	11.05	6.22
33	171739070497	1.5	4.23	2.59
34	181839067528	0.5	0.0	0.3
35	181839063034	3.0	11.55	6.42
36	181839066380	3.5	10.0	6.1
37	161539070817	0.0	0.0	0.0
38	161539070695	4.5	0.0	2.7
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Machines Electriques Approfondies / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	3.0	13.65	7.26
2	171739070781	0.0	0.0	0.0
3	181839067834	1.5	6.7	3.58
4	181839063270	0.0	4.23	1.69
5	171739071167	0.5	10.0	4.3
6	161639075193	2.0	10.8	5.52
7	181839071389	3.5	11.87	6.85
8	181839065333	5.0	14.11	8.64
9	171739073738	1.0	6.7	3.28
10	181839062787	0.0	0.0	0.0
11	181839069899	5.5	10.62	7.55
12	161639072348	1.0	10.22	4.69
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	4.0	13.17	7.67
16	181839071497	3.5	11.05	6.52
17	181839065700	2.0	10.0	5.2
18	181839069911	0.0	7.53	3.01
19	181839063258	0.0	0.0	0.0
20	181839069704	1.5	11.87	5.65
21	171739075208	0.0	0.0	0.0
22	181839063017	9.0	13.3	10.72
23	181839071607	4.5	11.55	7.32
24	181839050144	0.5	15.28	6.41
25	21069060526	6.0	14.47	9.39
26	181839080218	1.5	11.87	5.65
27	18119049455	0.0	0.0	0.0
28	171739069248	4.5	10.0	6.7
29	181839071447	6.0	13.3	8.92
30	171739066722	0.0	0.0	0.0
31	171739051910	1.5	4.23	2.59
32	161639073798	3.0	4.23	3.49
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	4.0	11.3	6.92
36	211439059495	0.0	0.0	0.0
37	21129045971	0.0	0.0	0.0
38	211439061314	0.0	10.0	4.0
39	161539077044	0.0	0.0	0.0
40	211339047625	5.5	7.53	6.31

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Méthodes Numériques Appliquées et Optimisation / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	10.0	13.0	11.2
2	171739068308	1.0	8.0	3.8
3	161639071728	0.0	0.0	0.0
4	181839067860	3.0	11.0	6.2
5	181839069910	0.5	1.0	0.7
6	20059058797	0.0	12.0	4.8
7	181339061526	1.0	5.0	2.6
8	161639070158	1.0	5.0	2.6
9	171739073757	5.0	10.0	7.0
10	161639076484	0.0	0.0	0.0
11	181839062737	10.0	16.0	12.4
12	21119044832	3.0	7.0	4.6
13	181839065690	1.0	0.0	0.6
14	181839071480	3.0	16.0	8.2
15	161639077234	0.0	0.0	0.0
16	181839065191	1.0	6.0	3.0
17	181839067833	0.0	0.0	0.0
18	181839064472	2.0	10.0	5.2
19	181839065252	2.0	7.0	4.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	18.0	17.0	17.6
26	181839063260	10.0	15.5	12.2
27	181839069826	0.0	0.0	0.0
28	161639065229	4.0	7.0	5.2
29	161639068681	0.5	6.0	2.7
30	171739066207	0.0	0.0	0.0
31	181839062975	1.0	6.0	3.0
32	181839071400	7.0	6.0	6.6
33	171739070497	0.0	0.0	0.0
34	181839067528	0.5	7.0	3.1
35	181839063034	3.0	14.5	7.6
36	181839066380	1.0	12.0	5.4
37	161539070817	0.0	0.0	0.0
38	161539070695	0.5	0.0	0.3
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Méthodes Numériques Appliquées et Optimisation / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	3.0	10.0	5.8
2	171739070781	0.0	0.0	0.0
3	181839067834	2.0	13.5	6.6
4	181839063270	0.0	0.0	0.0
5	171739071167	0.5	4.0	1.9
6	161639075193	0.5	4.0	1.9
7	181839071389	6.0	9.0	7.2
8	181839065333	5.0	13.5	8.4
9	171739073738	0.5	6.0	2.7
10	181839062787	1.0	0.0	0.6
11	181839069899	4.0	7.0	5.2
12	161639072348	0.5	6.0	2.7
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	3.0	9.0	5.4
16	181839071497	6.0	15.0	9.6
17	181839065700	1.0	7.0	3.4
18	181839069911	0.5	6.0	2.7
19	181839063258	0.0	0.0	0.0
20	181839069704	1.0	7.0	3.4
21	171739075208	0.0	0.0	0.0
22	181839063017	13.0	13.0	13.0
23	181839071607	0.0	6.0	2.4
24	181839050144	3.0	7.0	4.6
25	21069060526	0.5	6.0	2.7
26	181839080218	0.5	12.0	5.1
27	18119049455	10.0	10.0	10.0
28	171739069248	0.5	9.0	3.9
29	181839071447	10.0	13.0	11.2
30	171739066722	0.0	0.0	0.0
31	171739051910	10.0	13.0	11.2
32	161639073798	1.0	7.0	3.4
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.5	6.0	2.7
36	211439059495	0.0	0.0	0.0
37	21129045971	0.5	0.0	0.3
38	211439061314	0.0	6.0	2.4
39	161539077044	0.0	0.0	0.0
40	211339047625	4.0	16.0	8.8

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: μ -Processeurs et μ -Contrôleurs / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	15.5	0.0	15.5
2	171739068308	11.0	0.0	11.0
3	161639071728	0.0	0.0	0.0
4	181839067860	7.0	0.0	7.0
5	181839069910	7.5	0.0	7.5
6	20059058797	0.0	0.0	0.0
7	181339061526	10.0	0.0	10.0
8	161639070158	12.0	0.0	12.0
9	171739073757	10.0	0.0	10.0
10	161639076484	0.0	0.0	0.0
11	181839062737	13.5	0.0	13.5
12	21119044832	10.0	0.0	10.0
13	181839065690	7.0	0.0	7.0
14	181839071480	10.0	0.0	10.0
15	161639077234	0.0	0.0	0.0
16	181839065191	13.5	0.0	13.5
17	181839067833	0.0	0.0	0.0
18	181839064472	10.0	0.0	10.0
19	181839065252	10.0	0.0	10.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	18.5	0.0	18.5
26	181839063260	11.0	0.0	11.0
27	181839069826	0.0	0.0	0.0
28	161639065229	11.0	0.0	11.0
29	161639068681	0.0	0.0	0.0
30	171739066207	0.0	0.0	0.0
31	181839062975	10.5	0.0	10.5
32	181839071400	10.0	0.0	10.0
33	171739070497	10.0	0.0	10.0
34	181839067528	6.5	0.0	6.5
35	181839063034	10.0	0.0	10.0
36	181839066380	7.0	0.0	7.0
37	161539070817	0.0	0.0	0.0
38	161539070695	8.0	0.0	8.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: μ -Processeurs et μ -Contrôleurs / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	10.0	0.0	10.0
2	171739070781	0.0	0.0	0.0
3	181839067834	6.5	0.0	6.5
4	181839063270	0.0	0.0	0.0
5	171739071167	8.0	0.0	8.0
6	161639075193	11.5	0.0	11.5
7	181839071389	10.5	0.0	10.5
8	181839065333	8.0	0.0	8.0
9	171739073738	6.0	0.0	6.0
10	181839062787	8.0	0.0	8.0
11	181839069899	10.0	0.0	10.0
12	161639072348	7.5	0.0	7.5
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	10.0	0.0	10.0
16	181839071497	8.5	0.0	8.5
17	181839065700	7.5	0.0	7.5
18	181839069911	7.0	0.0	7.0
19	181839063258	0.0	0.0	0.0
20	181839069704	10.5	0.0	10.5
21	171739075208	0.0	0.0	0.0
22	181839063017	11.0	0.0	11.0
23	181839071607	12.5	0.0	12.5
24	181839050144	7.5	0.0	7.5
25	21069060526	8.5	0.0	8.5
26	181839080218	6.0	0.0	6.0
27	18119049455	10.0	0.0	10.0
28	171739069248	10.5	0.0	10.5
29	181839071447	6.5	0.0	6.5
30	171739066722	0.0	0.0	0.0
31	171739051910	10.5	0.0	10.5
32	161639073798	7.5	0.0	7.5
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	10.0	0.0	10.0
36	211439059495	0.0	0.0	0.0
37	21129045971	6.5	0.0	6.5
38	211439061314	0.0	0.0	0.0
39	161539077044	10.0	0.0	10.0
40	211339047625	7.5	0.0	7.5

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Réseaux de Transport et de Distribution D'énergies Electriques / Section A /
PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	14.5	9.0	12.3
2	171739068308	3.25	7.0	4.75
3	161639071728	0.0	0.0	0.0
4	181839067860	11.75	7.0	9.85
5	181839069910	2.0	7.0	4.0
6	20059058797	0.0	0.0	0.0
7	181339061526	4.25	7.0	5.35
8	161639070158	5.0	7.0	5.8
9	171739073757	8.75	9.0	8.85
10	161639076484	0.0	0.0	0.0
11	181839062737	14.25	15.0	14.55
12	21119044832	11.25	10.0	10.75
13	181839065690	2.25	7.0	4.15
14	181839071480	11.75	15.0	13.05
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	7.0	2.8
17	181839067833	0.0	0.0	0.0
18	181839064472	4.75	9.0	6.45
19	181839065252	8.0	7.0	7.6
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	17.5	18.0	17.7
26	181839063260	12.75	10.0	11.65
27	181839069826	0.0	0.0	0.0
28	161639065229	11.75	7.0	9.85
29	161639068681	0.0	0.0	0.0
30	171739066207	0.0	0.0	0.0
31	181839062975	4.0	7.0	5.2
32	181839071400	10.0	7.0	8.8
33	171739070497	6.25	7.0	6.55
34	181839067528	3.0	7.0	4.6
35	181839063034	10.0	10.0	10.0
36	181839066380	2.0	7.0	4.0
37	161539070817	0.0	0.0	0.0
38	161539070695	11.0	10.0	10.6
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: Réseaux de Transport et de Distribution D'énergies Electriques / Section A /

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	12.0	16.0	13.6
2	171739070781	0.0	0.0	0.0
3	181839067834	7.5	7.0	7.3
4	181839063270	0.0	0.0	0.0
5	171739071167	2.0	7.0	4.0
6	161639075193	6.0	10.0	7.6
7	181839071389	10.0	7.0	8.8
8	181839065333	9.0	7.0	8.2
9	171739073738	2.0	7.0	4.0
10	181839062787	8.0	7.0	7.6
11	181839069899	10.25	9.0	9.75
12	161639072348	4.25	7.0	5.35
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	3.0	8.0	5.0
16	181839071497	11.25	10.0	10.75
17	181839065700	2.5	7.0	4.3
18	181839069911	2.0	7.0	4.0
19	181839063258	0.0	0.0	0.0
20	181839069704	2.0	7.0	4.0
21	171739075208	0.0	7.0	2.8
22	181839063017	16.0	13.0	14.8
23	181839071607	10.0	7.0	8.8
24	181839050144	4.0	7.0	5.2
25	21069060526	2.0	10.0	5.2
26	181839080218	2.0	7.0	4.0
27	18119049455	11.66	11.66	11.66
28	171739069248	2.0	7.0	4.0
29	181839071447	12.0	7.0	10.0
30	171739066722	0.0	0.0	0.0
31	171739051910	12.25	9.0	10.95
32	161639073798	2.0	7.0	4.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	10.0	12.0	10.8
36	211439059495	0.0	0.0	0.0
37	21129045971	2.0	7.0	4.0
38	211439061314	0.0	0.0	0.0
39	161539077044	0.0	0.0	0.0
40	211339047625	11.0	15.0	12.6

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Electronique de Puissance Avancée / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	0.0	14.0	14.0
2	171739068308	0.0	14.0	14.0
3	161639071728	0.0	0.0	0.0
4	181839067860	0.0	12.5	12.5
5	181839069910	0.0	14.0	14.0
6	20059058797	0.0	6.5	6.5
7	181339061526	0.0	12.5	12.5
8	161639070158	0.0	11.0	11.0
9	171739073757	0.0	12.5	12.5
10	161639076484	0.0	0.0	0.0
11	181839062737	0.0	10.0	10.0
12	21119044832	0.0	13.5	13.5
13	181839065690	0.0	15.0	15.0
14	181839071480	0.0	12.0	12.0
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	10.0	10.0
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	10.0	10.0
19	181839065252	0.0	10.0	10.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	5.0	5.0
23	171739073704	0.0	13.5	13.5
24	181839071547	0.0	0.0	0.0
25	21941001758	0.0	16.5	16.5
26	181839063260	0.0	10.0	10.0
27	181839069826	0.0	0.0	0.0
28	161639065229	0.0	15.5	15.5
29	161639068681	0.0	10.0	10.0
30	171739066207	0.0	0.0	0.0
31	181839062975	0.0	13.5	13.5
32	181839071400	0.0	13.5	13.5
33	171739070497	0.0	10.5	10.5
34	181839067528	0.0	10.0	10.0
35	181839063034	0.0	10.0	10.0
36	181839066380	0.0	12.0	12.0
37	161539070817	0.0	0.0	0.0
38	161539070695	0.0	12.5	12.5
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Electronique de Puissance Avancée / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	0.0	15.0	15.0
2	171739070781	0.0	0.0	0.0
3	181839067834	0.0	11.0	11.0
4	181839063270	0.0	6.5	6.5
5	171739071167	0.0	12.0	12.0
6	161639075193	0.0	16.0	16.0
7	181839071389	0.0	16.0	16.0
8	181839065333	0.0	13.0	13.0
9	171739073738	0.0	15.0	15.0
10	181839062787	0.0	10.0	10.0
11	181839069899	0.0	14.0	14.0
12	161639072348	0.0	16.0	16.0
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	6.5	6.5
15	181839065194	0.0	13.0	13.0
16	181839071497	0.0	11.0	11.0
17	181839065700	0.0	16.0	16.0
18	181839069911	0.0	14.0	14.0
19	181839063258	0.0	0.0	0.0
20	181839069704	0.0	16.0	16.0
21	171739075208	0.0	10.5	10.5
22	181839063017	0.0	13.0	13.0
23	181839071607	0.0	14.0	14.0
24	181839050144	0.0	11.0	11.0
25	21069060526	0.0	12.0	12.0
26	181839080218	0.0	10.0	10.0
27	18119049455	0.0	0.0	0.0
28	171739069248	0.0	14.0	14.0
29	181839071447	0.0	14.0	14.0
30	171739066722	0.0	0.0	0.0
31	171739051910	0.0	16.0	16.0
32	161639073798	0.0	11.0	11.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.0	18.0	18.0
36	211439059495	0.0	8.5	8.5
37	21129045971	0.0	10.0	10.0
38	211439061314	0.0	13.0	13.0
39	161539077044	0.0	12.75	12.75
40	211339047625	0.0	13.0	13.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Machines Electriques Approfondies / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	0.0	16.0	16.0
2	171739068308	0.0	7.5	7.5
3	161639071728	0.0	0.0	0.0
4	181839067860	0.0	14.0	14.0
5	181839069910	0.0	7.5	7.5
6	20059058797	0.0	7.5	7.5
7	181339061526	0.0	7.5	7.5
8	161639070158	0.0	5.5	5.5
9	171739073757	0.0	13.5	13.5
10	161639076484	0.0	0.0	0.0
11	181839062737	0.0	14.0	14.0
12	21119044832	0.0	14.0	14.0
13	181839065690	0.0	7.5	7.5
14	181839071480	0.0	12.0	12.0
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	14.0	14.0
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	14.0	14.0
19	181839065252	0.0	14.0	14.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	15.5	15.5
24	181839071547	0.0	0.0	0.0
25	21941001758	0.0	16.0	16.0
26	181839063260	0.0	14.0	14.0
27	181839069826	0.0	5.5	5.5
28	161639065229	0.0	13.5	13.5
29	161639068681	0.0	7.25	7.25
30	171739066207	0.0	0.0	0.0
31	181839062975	0.0	12.0	12.0
32	181839071400	0.0	12.0	12.0
33	171739070497	0.0	0.0	0.0
34	181839067528	0.0	5.5	5.5
35	181839063034	0.0	14.0	14.0
36	181839066380	0.0	7.5	7.5
37	161539070817	0.0	0.0	0.0
38	161539070695	0.0	13.0	13.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Machines Electriques Approfondies / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	0.0	12.5	12.5
2	171739070781	0.0	0.0	0.0
3	181839067834	0.0	12.25	12.25
4	181839063270	0.0	0.0	0.0
5	171739071167	0.0	13.25	13.25
6	161639075193	0.0	13.0	13.0
7	181839071389	0.0	11.75	11.75
8	181839065333	0.0	13.0	13.0
9	171739073738	0.0	13.5	13.5
10	181839062787	0.0	5.75	5.75
11	181839069899	0.0	13.5	13.5
12	161639072348	0.0	7.5	7.5
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	0.0	13.0	13.0
16	181839071497	0.0	11.75	11.75
17	181839065700	0.0	13.0	13.0
18	181839069911	0.0	12.25	12.25
19	181839063258	0.0	0.0	0.0
20	181839069704	0.0	12.25	12.25
21	171739075208	0.0	11.0	11.0
22	181839063017	0.0	12.5	12.5
23	181839071607	0.0	7.5	7.5
24	181839050144	0.0	13.0	13.0
25	21069060526	0.0	13.0	13.0
26	181839080218	0.0	5.75	5.75
27	18119049455	0.0	13.0	13.0
28	171739069248	0.0	12.25	12.25
29	181839071447	0.0	11.75	11.75
30	171739066722	0.0	0.0	0.0
31	171739051910	0.0	13.5	13.5
32	161639073798	0.0	13.0	13.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.0	11.5	11.5
36	211439059495	0.0	7.5	7.5
37	21129045971	0.0	6.0	6.0
38	211439061314	0.0	7.5	7.5
39	161539077044	0.0	14.0	14.0
40	211339047625	0.0	12.5	12.5

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Méthodes Numériques Appliquées et Optimisation / Section A / I

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	0.0	16.5	16.5
2	171739068308	0.0	14.0	14.0
3	161639071728	0.0	0.0	0.0
4	181839067860	0.0	16.0	16.0
5	181839069910	0.0	11.0	11.0
6	20059058797	0.0	11.0	11.0
7	181339061526	0.0	11.0	11.0
8	161639070158	0.0	0.0	0.0
9	171739073757	0.0	14.5	14.5
10	161639076484	0.0	0.0	0.0
11	181839062737	0.0	14.0	14.0
12	21119044832	0.0	14.5	14.5
13	181839065690	0.0	0.0	0.0
14	181839071480	0.0	14.5	14.5
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	14.5	14.5
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	14.5	14.5
19	181839065252	0.0	15.5	15.5
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	0.0	16.5	16.5
26	181839063260	0.0	14.0	14.0
27	181839069826	0.0	0.0	0.0
28	161639065229	0.0	14.0	14.0
29	161639068681	0.0	15.5	15.5
30	171739066207	0.0	0.0	0.0
31	181839062975	0.0	14.5	14.5
32	181839071400	0.0	14.5	14.5
33	171739070497	0.0	13.0	13.0
34	181839067528	0.0	12.0	12.0
35	181839063034	0.0	14.0	14.0
36	181839066380	0.0	14.0	14.0
37	161539070817	0.0	0.0	0.0
38	161539070695	0.0	13.0	13.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Méthodes Numériques Appliquées et Optimisation / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	0.0	15.0	15.0
2	171739070781	0.0	0.0	0.0
3	181839067834	0.0	14.0	14.0
4	181839063270	0.0	0.0	0.0
5	171739071167	0.0	13.0	13.0
6	161639075193	0.0	14.0	14.0
7	181839071389	0.0	14.0	14.0
8	181839065333	0.0	15.0	15.0
9	171739073738	0.0	14.0	14.0
10	181839062787	0.0	14.0	14.0
11	181839069899	0.0	14.5	14.5
12	161639072348	0.0	12.0	12.0
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	12.0	12.0
15	181839065194	0.0	15.0	15.0
16	181839071497	0.0	14.0	14.0
17	181839065700	0.0	11.0	11.0
18	181839069911	0.0	13.0	13.0
19	181839063258	0.0	0.0	0.0
20	181839069704	0.0	14.0	14.0
21	171739075208	0.0	13.5	13.5
22	181839063017	0.0	15.5	15.5
23	181839071607	0.0	14.0	14.0
24	181839050144	0.0	15.0	15.0
25	21069060526	0.0	14.5	14.5
26	181839080218	0.0	12.0	12.0
27	18119049455	0.0	11.75	11.75
28	171739069248	0.0	14.5	14.5
29	181839071447	0.0	14.0	14.0
30	171739066722	0.0	0.0	0.0
31	171739051910	0.0	14.0	14.0
32	161639073798	0.0	14.0	14.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.0	14.0	14.0
36	211439059495	0.0	0.0	0.0
37	21129045971	0.0	0.0	0.0
38	211439061314	0.0	11.0	11.0
39	161539077044	0.0	14.5	14.5
40	211339047625	0.0	15.0	15.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : μ -Processeurs et μ -Contrôleur / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	0.0	16.5	16.5
2	171739068308	0.0	14.5	14.5
3	161639071728	0.0	0.0	0.0
4	181839067860	0.0	15.0	15.0
5	181839069910	0.0	14.5	14.5
6	20059058797	0.0	0.0	0.0
7	181339061526	0.0	14.5	14.5
8	161639070158	0.0	15.0	15.0
9	171739073757	0.0	10.5	10.5
10	161639076484	0.0	0.0	0.0
11	181839062737	0.0	16.0	16.0
12	21119044832	0.0	0.0	0.0
13	181839065690	0.0	15.0	15.0
14	181839071480	0.0	15.0	15.0
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	15.0	15.0
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	16.0	16.0
19	181839065252	0.0	15.0	15.0
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	19.0	19.0
24	181839071547	0.0	0.0	0.0
25	21941001758	0.0	16.5	16.5
26	181839063260	0.0	16.0	16.0
27	181839069826	0.0	0.0	0.0
28	161639065229	0.0	10.5	10.5
29	161639068681	0.0	15.0	15.0
30	171739066207	0.0	0.0	0.0
31	181839062975	0.0	15.0	15.0
32	181839071400	0.0	15.0	15.0
33	171739070497	0.0	12.0	12.0
34	181839067528	0.0	15.0	15.0
35	181839063034	0.0	16.0	16.0
36	181839066380	0.0	14.5	14.5
37	161539070817	0.0	0.0	0.0
38	161539070695	0.0	12.0	12.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP : μ -Processeurs et μ -Contrôleur / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	0.0	17.0	17.0
2	171739070781	0.0	0.0	0.0
3	181839067834	0.0	14.5	14.5
4	181839063270	0.0	0.0	0.0
5	171739071167	0.0	14.5	14.5
6	161639075193	0.0	16.0	16.0
7	181839071389	0.0	16.0	16.0
8	181839065333	0.0	15.0	15.0
9	171739073738	0.0	14.5	14.5
10	181839062787	0.0	14.0	14.0
11	181839069899	0.0	14.5	14.5
12	161639072348	0.0	10.5	10.5
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	0.0	15.0	15.0
16	181839071497	0.0	15.5	15.5
17	181839065700	0.0	15.0	15.0
18	181839069911	0.0	14.0	14.0
19	181839063258	0.0	0.0	0.0
20	181839069704	0.0	14.5	14.5
21	171739075208	0.0	0.0	0.0
22	181839063017	0.0	17.0	17.0
23	181839071607	0.0	8.0	8.0
24	181839050144	0.0	15.0	15.0
25	21069060526	0.0	16.0	16.0
26	181839080218	0.0	14.5	14.5
27	18119049455	0.0	11.5	11.5
28	171739069248	0.0	15.0	15.0
29	181839071447	0.0	15.5	15.5
30	171739066722	0.0	0.0	0.0
31	171739051910	0.0	15.5	15.5
32	161639073798	0.0	15.0	15.0
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.0	16.0	16.0
36	211439059495	0.0	0.0	0.0
37	21129045971	0.0	0.0	0.0
38	211439061314	0.0	10.5	10.5
39	161539077044	0.0	18.0	18.0
40	211339047625	0.0	17.0	17.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP :Réseaux de Transport et de Distribution D'énergies Electriques / Section A

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2196254017	0.0	13.55	13.55
2	171739068308	0.0	10.22	10.22
3	161639071728	0.0	0.0	0.0
4	181839067860	0.0	12.5	12.5
5	181839069910	0.0	7.85	7.85
6	20059058797	0.0	9.35	9.35
7	181339061526	0.0	7.2	7.2
8	161639070158	0.0	4.0	4.0
9	171739073757	0.0	8.85	8.85
10	161639076484	0.0	0.0	0.0
11	181839062737	0.0	11.38	11.38
12	21119044832	0.0	10.5	10.5
13	181839065690	0.0	10.9	10.9
14	181839071480	0.0	15.1	15.1
15	161639077234	0.0	0.0	0.0
16	181839065191	0.0	12.1	12.1
17	181839067833	0.0	0.0	0.0
18	181839064472	0.0	8.5	8.5
19	181839065252	0.0	12.47	12.47
20	181839073670	0.0	0.0	0.0
21	181839070801	0.0	0.0	0.0
22	18109045761	0.0	0.0	0.0
23	171739073704	0.0	0.0	0.0
24	181839071547	0.0	0.0	0.0
25	21941001758	0.0	14.22	14.22
26	181839063260	0.0	12.05	12.05
27	181839069826	0.0	5.92	5.92
28	161639065229	0.0	12.65	12.65
29	161639068681	0.0	5.22	5.22
30	171739066207	0.0	0.0	0.0
31	181839062975	0.0	13.0	13.0
32	181839071400	0.0	13.15	13.15
33	171739070497	0.0	10.0	10.0
34	181839067528	0.0	4.5	4.5
35	181839063034	0.0	11.97	11.97
36	181839066380	0.0	10.38	10.38
37	161539070817	0.0	7.0	7.0
38	161539070695	0.0	5.0	5.0
39	161539079170	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2022

Filière: Electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de

Matière: TP :Réseaux de Transport et de Distribution D'énergies Electriques / Section A

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	21039047919	0.0	12.13	12.13
2	171739070781	0.0	0.0	0.0
3	181839067834	0.0	11.65	11.65
4	181839063270	0.0	8.93	8.93
5	171739071167	0.0	7.0	7.0
6	161639075193	0.0	9.9	9.9
7	181839071389	0.0	12.33	12.33
8	181839065333	0.0	12.33	12.33
9	171739073738	0.0	9.53	9.53
10	181839062787	0.0	5.08	5.08
11	181839069899	0.0	9.63	9.63
12	161639072348	0.0	7.05	7.05
13	161639068696	0.0	0.0	0.0
14	161639066415	0.0	0.0	0.0
15	181839065194	0.0	13.38	13.38
16	181839071497	0.0	10.9	10.9
17	181839065700	0.0	2.45	2.45
18	181839069911	0.0	4.0	4.0
19	181839063258	0.0	0.0	0.0
20	181839069704	0.0	10.6	10.6
21	171739075208	0.0	0.0	0.0
22	181839063017	0.0	11.68	11.68
23	181839071607	0.0	8.7	8.7
24	181839050144	0.0	9.85	9.85
25	21069060526	0.0	10.7	10.7
26	181839080218	0.0	3.5	3.5
27	18119049455	0.0	14.5	14.5
28	171739069248	0.0	9.35	9.35
29	181839071447	0.0	12.63	12.63
30	171739066722	0.0	0.0	0.0
31	171739051910	0.0	9.03	9.03
32	161639073798	0.0	6.45	6.45
33	181839064845	0.0	0.0	0.0
34	181839066299	0.0	0.0	0.0
35	21109046356	0.0	5.25	5.25
36	211439059495	0.0	5.88	5.88
37	21129045971	0.0	0.45	0.45
38	211439061314	0.0	7.93	7.93
39	161539077044	0.0	10.0	10.0
40	211339047625	0.0	11.98	11.98

Signature de l'enseignant:

Le: