

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau:

Matière: Anglais Technique et Terminologie / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	11.0	0.0	11.0
2	181839066557	19.0	0.0	19.0
3	181839065336	17.0	0.0	17.0
4	161639065771	18.0	0.0	18.0
5	181839062792	20.0	0.0	20.0
6	181839069821	0.0	0.0	0.0
7	181839066319	16.0	0.0	16.0
8	171739066219	0.0	0.0	0.0
9	181839065370	16.0	0.0	16.0
10	171739065582	16.0	0.0	16.0
11	181839070270	0.0	0.0	0.0
12	2199928746	18.0	0.0	18.0
13	16069056588	18.0	0.0	18.0
14	1697827783	0.0	0.0	0.0
15	181839066267	0.0	0.0	0.0
16	181839066513	16.0	0.0	16.0
17	21109053861	15.0	0.0	15.0
18	181839068387	0.0	0.0	0.0
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	19.0	0.0	19.0
22	161639065379	13.0	0.0	13.0
23	171739065659	18.0	0.0	18.0
24	171739068720	15.0	0.0	15.0
25	181839068470	17.0	0.0	17.0
26	171739067318	16.0	0.0	16.0
27	181839065366	0.0	0.0	0.0
28	181839073636	20.0	0.0	20.0
29	161639075473	13.0	0.0	13.0
30	171739068656	16.0	0.0	16.0
31	181839063289	17.0	0.0	17.0
32	181839066610	19.0	0.0	19.0
33	171739064467	16.0	0.0	16.0
34	171739075123	18.0	0.0	18.0
35	181839064896	17.0	0.0	17.0
36	181839062708	15.0	0.0	15.0
37	181839065323	9.0	0.0	9.0
38	21079066061	20.0	0.0	20.0
39	181839066141	17.0	0.0	17.0
40	2000499390	16.0	0.0	16.0
41	181839062895	20.0	0.0	20.0
42	181839065353	17.0	0.0	17.0
43	181839067061	19.0	0.0	19.0
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	18.0	0.0	18.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	18.0	0.0	18.0
50	201439056335	0.0	0.0	0.0

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Anglais Technique et Terminologie / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	15.0	0.0	15.0
2	181839062765	0.0	0.0	0.0
3	181839065352	13.0	0.0	13.0
4	171739070627	14.0	0.0	14.0
5	181839070180	15.0	0.0	15.0
6	181839065694	16.0	0.0	16.0
7	181839070827	0.0	0.0	0.0
8	171739068539	9.5	0.0	9.5
9	181839066179	16.0	0.0	16.0
10	181839062809	19.0	0.0	19.0
11	181839071373	19.0	0.0	19.0
12	181839066317	16.0	0.0	16.0
13	21891164010	15.0	0.0	15.0
14	181839064897	0.0	0.0	0.0
15	181839065324	13.0	0.0	13.0
16	181839069764	13.0	0.0	13.0
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	16.0	0.0	16.0
20	181839000907	20.0	0.0	20.0
21	171739081741	17.0	0.0	17.0
22	181839065367	16.0	0.0	16.0
23	181539078434	14.0	0.0	14.0
24	181839066539	17.0	0.0	17.0
25	171739066103	10.0	0.0	10.0
26	200809052028	0.0	0.0	0.0
27	181839068466	12.0	0.0	12.0
28	171739068659	16.0	0.0	16.0
29	181839065363	16.0	0.0	16.0
30	181839066332	15.0	0.0	15.0
31	171739064425	13.0	0.0	13.0
32	181839066644	17.0	0.0	17.0
33	181839063226	16.0	0.0	16.0
34	181839066599	19.0	0.0	19.0
35	19911863013	15.0	0.0	15.0
36	171739066758	0.0	0.0	0.0
37	171739065598	13.0	0.0	13.0
38	181839067108	20.0	0.0	20.0
39	171739073795	15.0	0.0	15.0
40	181839066218	20.0	0.0	20.0
41	151539069141	15.0	0.0	15.0
42	211439057433	14.0	0.0	14.0
43	161539069036	17.0	0.0	17.0
44	161539066175	0.0	0.0	0.0
45	211539078542	18.0	0.0	18.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Electronique de Puissance Avancée / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	0.0	0.0
2	181839066557	7.0	16.0	10.6
3	181839065336	3.0	7.0	4.6
4	161639065771	2.0	7.0	4.0
5	181839062792	3.0	12.0	6.6
6	181839069821	0.0	0.0	0.0
7	181839066319	2.0	7.0	4.0
8	171739066219	0.0	0.0	0.0
9	181839065370	3.0	7.0	4.6
10	171739065582	1.0	7.0	3.4
11	181839070270	0.0	0.0	0.0
12	2199928746	10.0	9.0	9.6
13	16069056588	1.0	7.0	3.4
14	1697827783	0.0	9.0	3.6
15	181839066267	0.0	0.0	0.0
16	181839066513	1.0	12.0	5.4
17	21109053861	12.5	10.0	11.5
18	181839068387	1.0	7.0	3.4
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	8.0	15.0	10.8
22	161639065379	1.0	7.0	3.4
23	171739065659	9.5	7.0	8.5
24	171739068720	2.0	7.0	4.0
25	181839068470	5.0	7.0	5.8
26	171739067318	1.0	7.0	3.4
27	181839065366	0.0	0.0	0.0
28	181839073636	3.0	7.0	4.6
29	161639075473	0.0	7.0	2.8
30	171739068656	0.0	0.0	0.0
31	181839063289	7.0	15.0	10.2
32	181839066610	3.0	7.0	4.6
33	171739064467	1.0	7.0	3.4
34	171739075123	3.0	7.0	4.6
35	181839064896	1.0	7.0	3.4
36	181839062708	2.0	7.0	4.0
37	181839065323	3.0	7.0	4.6
38	21079066061	1.0	9.0	4.2
39	181839066141	9.5	7.0	8.5
40	2000499390	5.0	7.0	5.8
41	181839062895	8.5	15.0	11.1
42	181839065353	3.0	7.0	4.6
43	181839067061	3.0	7.0	4.6
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	1.0	0.0	0.6
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	3.0	9.0	5.4
50	201439056335	0.0	0.0	0.0

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Electronique de Puissance Avancée / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	2.5	10.0	5.5
2	181839062765	0.0	7.0	2.8
3	181839065352	3.0	7.0	4.6
4	171739070627	3.0	9.0	5.4
5	181839070180	0.0	7.0	2.8
6	181839065694	0.0	12.0	4.8
7	181839070827	0.0	0.0	0.0
8	171739068539	11.0	15.0	12.6
9	181839066179	3.0	11.0	6.2
10	181839062809	8.0	7.0	7.6
11	181839071373	1.0	7.0	3.4
12	181839066317	4.0	10.0	6.4
13	21891164010	3.0	14.0	7.4
14	181839064897	0.0	0.0	0.0
15	181839065324	4.0	7.0	5.2
16	181839069764	1.0	7.0	3.4
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	1.0	7.0	3.4
20	181839000907	10.5	20.0	14.3
21	171739081741	8.0	10.0	8.8
22	181839065367	3.0	7.0	4.6
23	181539078434	1.0	7.0	3.4
24	181839066539	1.0	7.0	3.4
25	171739066103	0.0	0.0	0.0
26	200809052028	0.0	0.0	0.0
27	181839068466	3.0	7.0	4.6
28	171739068659	2.0	7.0	4.0
29	181839065363	6.0	7.0	6.4
30	181839066332	1.0	7.0	3.4
31	171739064425	1.0	7.0	3.4
32	181839066644	4.0	7.0	5.2
33	181839063226	1.0	0.0	0.6
34	181839066599	3.0	7.0	4.6
35	19911863013	2.0	7.0	4.0
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	0.0	0.0
38	181839067108	11.0	15.0	12.6
39	171739073795	1.0	7.0	3.4
40	181839066218	5.5	10.0	7.3
41	151539069141	1.0	7.0	3.4
42	211439057433	1.0	7.0	3.4
43	161539069036	0.0	7.0	2.8
44	161539066175	0.0	0.0	0.0
45	211539078542	1.0	7.0	3.4
46	21109042023	0.0	0.0	0.0
47	21129049361	1.0	7.0	3.4

Signature de l'enseignant:

Le:

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2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Energies Renouvelables / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	11.25	0.0	11.25
2	181839066557	10.25	0.0	10.25
3	181839065336	6.0	0.0	6.0
4	161639065771	7.0	0.0	7.0
5	181839062792	13.0	0.0	13.0
6	181839069821	0.0	0.0	0.0
7	181839066319	8.5	0.0	8.5
8	171739066219	0.0	0.0	0.0
9	181839065370	6.75	0.0	6.75
10	171739065582	5.5	0.0	5.5
11	181839070270	0.0	0.0	0.0
12	2199928746	11.0	0.0	11.0
13	16069056588	7.0	0.0	7.0
14	1697827783	6.5	0.0	6.5
15	181839066267	0.0	0.0	0.0
16	181839066513	6.0	0.0	6.0
17	21109053861	18.0	0.0	18.0
18	181839068387	8.5	0.0	8.5
19	18129052789	15.0	0.0	15.0
20	171739082193	0.0	0.0	0.0
21	181839066181	8.25	0.0	8.25
22	161639065379	7.5	0.0	7.5
23	171739065659	15.0	0.0	15.0
24	171739068720	8.0	0.0	8.0
25	181839068470	8.5	0.0	8.5
26	171739067318	7.0	0.0	7.0
27	181839065366	0.0	0.0	0.0
28	181839073636	8.5	0.0	8.5
29	161639075473	0.0	0.0	0.0
30	171739068656	15.0	0.0	15.0
31	181839063289	9.25	0.0	9.25
32	181839066610	7.5	0.0	7.5
33	171739064467	15.0	0.0	15.0
34	171739075123	10.5	0.0	10.5
35	181839064896	9.25	0.0	9.25
36	181839062708	5.5	0.0	5.5
37	181839065323	9.0	0.0	9.0
38	21079066061	10.0	0.0	10.0
39	181839066141	6.5	0.0	6.5
40	2000499390	10.5	0.0	10.5
41	181839062895	12.75	0.0	12.75
42	181839065353	13.75	0.0	13.75
43	181839067061	7.0	0.0	7.0
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	4.0	0.0	4.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	6.0	0.0	6.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Energies Renouvelables / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	7.5	0.0	7.5
2	181839062765	0.0	0.0	0.0
3	181839065352	8.5	0.0	8.5
4	171739070627	8.0	0.0	8.0
5	181839070180	8.0	0.0	8.0
6	181839065694	0.0	0.0	0.0
7	181839070827	0.0	0.0	0.0
8	171739068539	11.0	0.0	11.0
9	181839066179	9.25	0.0	9.25
10	181839062809	5.0	0.0	5.0
11	181839071373	8.75	0.0	8.75
12	181839066317	9.0	0.0	9.0
13	21891164010	15.0	0.0	15.0
14	181839064897	0.0	0.0	0.0
15	181839065324	7.25	0.0	7.25
16	181839069764	7.25	0.0	7.25
17	171739070058	0.0	0.0	0.0
18	161639071780	9.0	0.0	9.0
19	181839063920	5.5	0.0	5.5
20	181839000907	15.0	0.0	15.0
21	171739081741	14.0	0.0	14.0
22	181839065367	6.25	0.0	6.25
23	181539078434	6.0	0.0	6.0
24	181839066539	8.25	0.0	8.25
25	171739066103	13.75	0.0	13.75
26	200809052028	0.0	0.0	0.0
27	181839068466	9.0	0.0	9.0
28	171739068659	5.0	0.0	5.0
29	181839065363	7.0	0.0	7.0
30	181839066332	11.25	0.0	11.25
31	171739064425	12.5	0.0	12.5
32	181839066644	7.25	0.0	7.25
33	181839063226	5.25	0.0	5.25
34	181839066599	7.25	0.0	7.25
35	19911863013	13.0	0.0	13.0
36	171739066758	15.0	0.0	15.0
37	171739065598	15.0	0.0	15.0
38	181839067108	15.75	0.0	15.75
39	171739073795	6.25	0.0	6.25
40	181839066218	9.0	0.0	9.0
41	151539069141	9.5	0.0	9.5
42	211439057433	5.5	0.0	5.5
43	161539069036	7.75	0.0	7.75
44	161539066175	0.0	0.0	0.0
45	211539078542	7.25	0.0	7.25
46	21109042023	4.0	0.0	4.0
47	21129049361	10.0	0.0	10.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Informatique et Programmation / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	11.0	0.0	11.0
2	181839066557	11.5	0.0	11.5
3	181839065336	15.0	0.0	15.0
4	161639065771	10.5	0.0	10.5
5	181839062792	12.5	0.0	12.5
6	181839069821	0.0	0.0	0.0
7	181839066319	11.0	0.0	11.0
8	171739066219	0.0	0.0	0.0
9	181839065370	11.0	0.0	11.0
10	171739065582	10.0	0.0	10.0
11	181839070270	0.0	0.0	0.0
12	2199928746	15.5	0.0	15.5
13	16069056588	11.0	0.0	11.0
14	1697827783	12.5	0.0	12.5
15	181839066267	0.0	0.0	0.0
16	181839066513	8.0	0.0	8.0
17	21109053861	11.0	0.0	11.0
18	181839068387	8.0	0.0	8.0
19	18129052789	15.0	0.0	15.0
20	171739082193	0.0	0.0	0.0
21	181839066181	12.0	0.0	12.0
22	161639065379	8.5	0.0	8.5
23	171739065659	13.0	0.0	13.0
24	171739068720	12.0	0.0	12.0
25	181839068470	11.0	0.0	11.0
26	171739067318	5.0	0.0	5.0
27	181839065366	0.0	0.0	0.0
28	181839073636	9.5	0.0	9.5
29	161639075473	7.5	0.0	7.5
30	171739068656	0.0	0.0	0.0
31	181839063289	9.0	0.0	9.0
32	181839066610	12.5	0.0	12.5
33	171739064467	12.5	0.0	12.5
34	171739075123	11.0	0.0	11.0
35	181839064896	15.0	0.0	15.0
36	181839062708	8.5	0.0	8.5
37	181839065323	10.0	0.0	10.0
38	21079066061	8.0	0.0	8.0
39	181839066141	15.0	0.0	15.0
40	2000499390	15.0	0.0	15.0
41	181839062895	13.0	0.0	13.0
42	181839065353	12.0	0.0	12.0
43	181839067061	12.5	0.0	12.5
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	7.5	0.0	7.5
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	10.0	0.0	10.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Informatique et Programmation / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	14.0	0.0	14.0
2	181839062765	0.0	0.0	0.0
3	181839065352	15.5	0.0	15.5
4	171739070627	12.0	0.0	12.0
5	181839070180	10.0	0.0	10.0
6	181839065694	7.5	0.0	7.5
7	181839070827	0.0	0.0	0.0
8	171739068539	9.0	0.0	9.0
9	181839066179	15.5	0.0	15.5
10	181839062809	12.5	0.0	12.5
11	181839071373	9.5	0.0	9.5
12	181839066317	10.0	0.0	10.0
13	21891164010	16.0	0.0	16.0
14	181839064897	0.0	0.0	0.0
15	181839065324	11.0	0.0	11.0
16	181839069764	8.0	0.0	8.0
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	12.0	0.0	12.0
20	181839000907	16.5	0.0	16.5
21	171739081741	16.5	0.0	16.5
22	181839065367	15.0	0.0	15.0
23	181539078434	7.5	0.0	7.5
24	181839066539	11.0	0.0	11.0
25	171739066103	10.25	0.0	10.25
26	200809052028	11.0	0.0	11.0
27	181839068466	10.0	0.0	10.0
28	171739068659	15.0	0.0	15.0
29	181839065363	10.0	0.0	10.0
30	181839066332	13.0	0.0	13.0
31	171739064425	12.0	0.0	12.0
32	181839066644	12.0	0.0	12.0
33	181839063226	10.0	0.0	10.0
34	181839066599	15.0	0.0	15.0
35	19911863013	9.0	0.0	9.0
36	171739066758	13.0	0.0	13.0
37	171739065598	13.5	0.0	13.5
38	181839067108	14.0	0.0	14.0
39	171739073795	12.5	0.0	12.5
40	181839066218	15.0	0.0	15.0
41	151539069141	8.5	0.0	8.5
42	211439057433	9.5	0.0	9.5
43	161539069036	9.0	0.0	9.0
44	161539066175	0.0	0.0	0.0
45	211539078542	5.0	0.0	5.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

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2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Machines Electriques Approfondies / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	0.0	0.0
2	181839066557	3.0	14.95	7.78
3	181839065336	0.0	4.23	1.69
4	161639065771	1.0	11.55	5.22
5	181839062792	3.5	7.53	5.11
6	181839069821	0.0	0.0	0.0
7	181839066319	1.5	10.0	4.9
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	7.53	3.01
10	171739065582	0.0	4.23	1.69
11	181839070270	0.0	0.0	0.0
12	2199928746	4.0	11.05	6.82
13	16069056588	3.0	11.3	6.32
14	1697827783	2.5	12.1	6.34
15	181839066267	0.0	0.0	0.0
16	181839066513	2.0	0.0	1.2
17	21109053861	4.5	14.25	8.4
18	181839068387	0.0	10.0	4.0
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	2.5	12.35	6.44
22	161639065379	0.0	4.23	1.69
23	171739065659	4.5	15.65	8.96
24	171739068720	0.0	11.05	4.42
25	181839068470	4.0	14.57	8.23
26	171739067318	0.0	4.23	1.69
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	10.0	4.0
29	161639075473	0.0	7.53	3.01
30	171739068656	0.0	0.0	0.0
31	181839063289	5.0	13.9	8.56
32	181839066610	2.5	10.0	5.5
33	171739064467	1.5	10.0	4.9
34	171739075123	0.0	7.53	3.01
35	181839064896	5.0	11.12	7.45
36	181839062708	1.5	8.35	4.24
37	181839065323	1.5	13.17	6.17
38	21079066061	2.5	10.62	5.75
39	181839066141	8.0	13.55	10.22
40	2000499390	3.0	14.57	7.63
41	181839062895	2.5	11.87	6.25
42	181839065353	0.0	0.0	0.0
43	181839067061	3.5	13.17	7.37
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	3.0	12.6	6.84
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

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2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Machines Electriques Approfondies / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	0.0	4.23	1.69
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	4.23	1.69
4	171739070627	4.5	11.55	7.32
5	181839070180	0.5	6.7	2.98
6	181839065694	1.5	11.3	5.42
7	181839070827	0.0	0.0	0.0
8	171739068539	3.5	8.83	5.63
9	181839066179	3.5	11.55	6.72
10	181839062809	2.0	12.25	6.1
11	181839071373	0.0	7.53	3.01
12	181839066317	2.0	10.0	5.2
13	21891164010	5.5	18.2	10.58
14	181839064897	0.0	0.0	0.0
15	181839065324	0.5	11.05	4.72
16	181839069764	0.0	7.53	3.01
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	3.0	11.55	6.42
20	181839000907	9.0	17.05	12.22
21	171739081741	8.0	11.05	9.22
22	181839065367	0.0	8.83	3.53
23	181539078434	1.0	0.0	0.6
24	181839066539	2.0	10.47	5.39
25	171739066103	0.0	0.0	0.0
26	200809052028	0.0	0.0	0.0
27	181839068466	1.5	10.0	4.9
28	171739068659	4.0	11.35	6.94
29	181839065363	0.5	7.53	3.31
30	181839066332	4.5	13.17	7.97
31	171739064425	0.0	0.0	0.0
32	181839066644	2.5	11.05	5.92
33	181839063226	0.5	0.0	0.3
34	181839066599	3.5	10.62	6.35
35	19911863013	1.5	14.7	6.78
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	0.0	0.0
38	181839067108	6.5	15.93	10.27
39	171739073795	0.0	13.05	5.22
40	181839066218	2.5	12.95	6.68
41	151539069141	0.5	10.0	4.3
42	211439057433	0.0	10.83	4.33
43	161539069036	2.5	11.87	6.25
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	7.53	3.01

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739070634	0.0	0.0	0.0
2	181839066557	4.0	12.0	7.2
3	181839065336	0.5	6.0	2.7
4	161639065771	10.0	7.0	8.8
5	181839062792	11.0	18.0	13.8
6	181839069821	0.0	0.0	0.0
7	181839066319	1.0	7.0	3.4
8	171739066219	0.0	0.0	0.0
9	181839065370	2.0	6.0	3.6
10	171739065582	0.5	6.0	2.7
11	181839070270	0.0	0.0	0.0
12	2199928746	4.0	6.0	4.8
13	16069056588	1.0	7.0	3.4
14	1697827783	0.0	0.0	0.0
15	181839066267	0.0	0.0	0.0
16	181839066513	2.0	0.0	1.2
17	21109053861	13.0	11.5	12.4
18	181839068387	0.5	7.0	3.1
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	2.0	11.0	5.6
22	161639065379	0.5	6.0	2.7
23	171739065659	6.0	15.0	9.6
24	171739068720	2.0	11.0	5.6
25	181839068470	2.0	12.0	6.0
26	171739067318	3.0	7.0	4.6
27	181839065366	0.0	0.0	0.0
28	181839073636	0.5	11.0	4.7
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	0.0	0.0
31	181839063289	4.0	13.0	7.6
32	181839066610	10.0	13.0	11.2
33	171739064467	0.5	10.5	4.5
34	171739075123	2.0	6.0	3.6
35	181839064896	4.0	10.0	6.4
36	181839062708	2.0	0.0	1.2
37	181839065323	2.0	11.5	5.8
38	21079066061	1.0	7.0	3.4
39	181839066141	10.0	12.0	10.8
40	2000499390	2.0	9.0	4.8
41	181839062895	10.0	14.0	11.6
42	181839065353	1.0	6.0	3.0
43	181839067061	7.0	11.0	8.6
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.5	0.0	0.3
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	2.0	10.0	5.2
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739064587	1.0	10.5	4.8
2	181839062765	0.0	0.0	0.0
3	181839065352	1.0	6.0	3.0
4	171739070627	6.0	6.0	6.0
5	181839070180	3.0	7.0	4.6
6	181839065694	0.0	12.5	5.0
7	181839070827	0.0	0.0	0.0
8	171739068539	3.0	13.5	7.2
9	181839066179	2.0	12.0	6.0
10	181839062809	6.0	8.0	6.8
11	181839071373	0.5	6.0	2.7
12	181839066317	2.0	10.0	5.2
13	21891164010	12.0	12.0	12.0
14	181839064897	0.0	0.0	0.0
15	181839065324	7.0	11.0	8.6
16	181839069764	0.5	6.0	2.7
17	171739070058	0.0	0.0	0.0
18	161639071780	0.5	0.0	0.3
19	181839063920	4.0	1.0	2.8
20	181839000907	14.0	17.5	15.4
21	171739081741	11.0	7.0	9.4
22	181839065367	1.0	6.0	3.0
23	181539078434	0.5	0.0	0.3
24	181839066539	2.0	6.0	3.6
25	171739066103	0.0	0.0	0.0
26	200809052028	0.0	0.0	0.0
27	181839068466	2.0	6.0	3.6
28	171739068659	4.0	4.0	4.0
29	181839065363	1.0	7.0	3.4
30	181839066332	1.0	8.0	3.8
31	171739064425	0.0	0.0	0.0
32	181839066644	3.0	10.0	5.8
33	181839063226	0.5	0.0	0.3
34	181839066599	6.0	11.0	8.0
35	19911863013	1.0	7.0	3.4
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	0.0	0.0
38	181839067108	20.0	18.0	19.2
39	171739073795	2.0	6.0	3.6
40	181839066218	3.0	9.0	5.4
41	151539069141	0.0	7.0	2.8
42	211439057433	1.0	7.0	3.4
43	161539069036	0.5	3.0	1.5
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.5	0.0	0.3
47	21129049361	0.5	6.0	2.7

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739070634	0.0	0.0	0.0
2	181839066557	10.0	0.0	10.0
3	181839065336	7.0	0.0	7.0
4	161639065771	10.0	0.0	10.0
5	181839062792	8.0	0.0	8.0
6	181839069821	0.0	0.0	0.0
7	181839066319	10.0	0.0	10.0
8	171739066219	0.0	0.0	0.0
9	181839065370	6.0	0.0	6.0
10	171739065582	6.0	0.0	6.0
11	181839070270	0.0	0.0	0.0
12	2199928746	13.0	0.0	13.0
13	16069056588	13.5	0.0	13.5
14	1697827783	8.5	0.0	8.5
15	181839066267	0.0	0.0	0.0
16	181839066513	8.0	0.0	8.0
17	21109053861	10.0	0.0	10.0
18	181839068387	7.0	0.0	7.0
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	10.0	0.0	10.0
22	161639065379	6.5	0.0	6.5
23	171739065659	15.0	0.0	15.0
24	171739068720	8.5	0.0	8.5
25	181839068470	7.5	0.0	7.5
26	171739067318	10.0	0.0	10.0
27	181839065366	0.0	0.0	0.0
28	181839073636	8.0	0.0	8.0
29	161639075473	6.0	0.0	6.0
30	171739068656	0.0	0.0	0.0
31	181839063289	10.0	0.0	10.0
32	181839066610	13.0	0.0	13.0
33	171739064467	10.0	0.0	10.0
34	171739075123	11.0	0.0	11.0
35	181839064896	7.0	0.0	7.0
36	181839062708	12.0	0.0	12.0
37	181839065323	11.0	0.0	11.0
38	21079066061	10.0	0.0	10.0
39	181839066141	16.0	0.0	16.0
40	2000499390	10.0	0.0	10.0
41	181839062895	8.0	0.0	8.0
42	181839065353	10.0	0.0	10.0
43	181839067061	10.0	0.0	10.0
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	8.0	0.0	8.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	8.0	0.0	8.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

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2021/2

Filière: Electrotechnique
réseaux 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	171739064587	11.0	0.0	11.0
2	181839062765	0.0	0.0	0.0
3	181839065352	10.0	0.0	10.0
4	171739070627	10.0	0.0	10.0
5	181839070180	8.5	0.0	8.5
6	181839065694	10.0	0.0	10.0
7	181839070827	0.0	0.0	0.0
8	171739068539	10.0	0.0	10.0
9	181839066179	11.0	0.0	11.0
10	181839062809	8.0	0.0	8.0
11	181839071373	6.0	0.0	6.0
12	181839066317	8.0	0.0	8.0
13	21891164010	11.0	0.0	11.0
14	181839064897	0.0	0.0	0.0
15	181839065324	10.0	0.0	10.0
16	181839069764	6.5	0.0	6.5
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	9.0	0.0	9.0
20	181839000907	18.0	0.0	18.0
21	171739081741	12.0	0.0	12.0
22	181839065367	6.0	0.0	6.0
23	181539078434	6.0	0.0	6.0
24	181839066539	12.0	0.0	12.0
25	171739066103	10.0	0.0	10.0
26	200809052028	0.0	0.0	0.0
27	181839068466	10.0	0.0	10.0
28	171739068659	11.0	0.0	11.0
29	181839065363	10.0	0.0	10.0
30	181839066332	13.0	0.0	13.0
31	171739064425	6.5	0.0	6.5
32	181839066644	8.5	0.0	8.5
33	181839063226	8.5	0.0	8.5
34	181839066599	10.0	0.0	10.0
35	19911863013	11.0	0.0	11.0
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	0.0	0.0
38	181839067108	11.5	0.0	11.5
39	171739073795	8.0	0.0	8.0
40	181839066218	10.5	0.0	10.5
41	151539069141	10.0	0.0	10.0
42	211439057433	6.0	0.0	6.0
43	161539069036	6.0	0.0	6.0
44	161539066175	0.0	0.0	0.0
45	211539078542	8.0	0.0	8.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Réseaux de Transport et de Distribution D'énergie Electrique / Section

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	0.0	0.0
2	181839066557	13.25	7.0	10.75
3	181839065336	2.25	7.0	4.15
4	161639065771	8.0	11.0	9.2
5	181839062792	11.5	9.0	10.5
6	181839069821	0.0	0.0	0.0
7	181839066319	2.0	10.0	5.2
8	171739066219	0.0	0.0	0.0
9	181839065370	2.0	7.0	4.0
10	171739065582	0.0	7.0	2.8
11	181839070270	0.0	0.0	0.0
12	2199928746	10.0	10.0	10.0
13	16069056588	12.5	7.0	10.3
14	1697827783	10.0	11.0	10.4
15	181839066267	0.0	0.0	0.0
16	181839066513	2.0	7.0	4.0
17	21109053861	12.0	19.0	14.8
18	181839068387	0.0	7.0	2.8
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	8.0	10.0	8.8
22	161639065379	0.0	7.0	2.8
23	171739065659	11.0	12.0	11.4
24	171739068720	8.75	10.0	9.25
25	181839068470	10.0	8.0	9.2
26	171739067318	0.0	0.0	0.0
27	181839065366	0.0	0.0	0.0
28	181839073636	6.25	7.0	6.55
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	0.0	0.0
31	181839063289	14.75	15.5	15.05
32	181839066610	7.25	10.0	8.35
33	171739064467	2.0	7.0	4.0
34	171739075123	0.0	7.0	2.8
35	181839064896	6.25	10.0	7.75
36	181839062708	5.75	7.0	6.25
37	181839065323	12.0	7.0	10.0
38	21079066061	8.75	11.0	9.65
39	181839066141	12.0	18.0	14.4
40	2000499390	8.5	7.0	7.9
41	181839062895	6.0	9.0	7.2
42	181839065353	13.25	7.0	10.75
43	181839067061	12.75	16.0	14.05
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	2.0	7.0	4.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	7.25	10.0	8.35
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

26

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: Réseaux de Transport et de Distribution D'énergie Electrique / Section

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	2.0	7.0	4.0
2	181839062765	0.0	0.0	0.0
3	181839065352	7.5	7.0	7.3
4	171739070627	5.75	7.0	6.25
5	181839070180	2.0	7.0	4.0
6	181839065694	10.0	10.0	10.0
7	181839070827	0.0	0.0	0.0
8	171739068539	7.5	10.0	8.5
9	181839066179	12.75	10.0	11.65
10	181839062809	14.25	7.0	11.35
11	181839071373	2.0	7.0	4.0
12	181839066317	5.5	7.0	6.1
13	21891164010	10.0	13.0	11.2
14	181839064897	0.0	0.0	0.0
15	181839065324	6.25	7.0	6.55
16	181839069764	2.0	7.0	4.0
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	14.5	7.0	11.5
20	181839000907	18.0	18.5	18.2
21	171739081741	12.0	14.0	12.8
22	181839065367	5.0	9.0	6.6
23	181539078434	2.0	7.0	4.0
24	181839066539	4.25	7.0	5.35
25	171739066103	0.0	0.0	0.0
26	200809052028	0.0	0.0	0.0
27	181839068466	14.5	7.0	11.5
28	171739068659	2.0	7.0	4.0
29	181839065363	2.5	7.0	4.3
30	181839066332	8.25	10.0	8.95
31	171739064425	2.0	7.0	4.0
32	181839066644	13.5	13.0	13.3
33	181839063226	0.0	8.0	3.2
34	181839066599	10.0	14.0	11.6
35	19911863013	7.5	8.0	7.7
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	0.0	0.0
38	181839067108	15.5	12.0	14.1
39	171739073795	2.0	8.0	4.4
40	181839066218	15.5	11.5	13.9
41	151539069141	7.5	8.0	7.7
42	211439057433	7.75	7.0	7.45
43	161539069036	0.0	7.0	2.8
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	7.0	2.8
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739070634	0.0	10.5	10.5
2	181839066557	0.0	13.5	13.5
3	181839065336	0.0	10.5	10.5
4	161639065771	0.0	10.5	10.5
5	181839062792	0.0	13.5	13.5
6	181839069821	0.0	0.0	0.0
7	181839066319	0.0	14.0	14.0
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	10.0	10.0
10	171739065582	0.0	10.0	10.0
11	181839070270	0.0	0.0	0.0
12	2199928746	0.0	10.0	10.0
13	16069056588	0.0	12.0	12.0
14	1697827783	0.0	10.0	10.0
15	181839066267	0.0	0.0	0.0
16	181839066513	0.0	11.5	11.5
17	21109053861	0.0	14.0	14.0
18	181839068387	0.0	12.5	12.5
19	18129052789	0.0	10.0	10.0
20	171739082193	0.0	0.0	0.0
21	181839066181	0.0	11.5	11.5
22	161639065379	0.0	11.0	11.0
23	171739065659	0.0	17.0	17.0
24	171739068720	0.0	12.0	12.0
25	181839068470	0.0	12.5	12.5
26	171739067318	0.0	11.0	11.0
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	14.5	14.5
29	161639075473	0.0	6.5	6.5
30	171739068656	0.0	11.75	11.75
31	181839063289	0.0	10.0	10.0
32	181839066610	0.0	12.0	12.0
33	171739064467	0.0	10.0	10.0
34	171739075123	0.0	14.0	14.0
35	181839064896	0.0	14.0	14.0
36	181839062708	0.0	13.0	13.0
37	181839065323	0.0	13.5	13.5
38	21079066061	0.0	14.5	14.5
39	181839066141	0.0	15.25	15.25
40	2000499390	0.0	16.0	16.0
41	181839062895	0.0	13.5	13.5
42	181839065353	0.0	10.0	10.0
43	181839067061	0.0	12.0	12.0
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	0.0	10.0	10.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739064587	0.0	10.0	10.0
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	12.0	12.0
4	171739070627	0.0	10.0	10.0
5	181839070180	0.0	17.0	17.0
6	181839065694	0.0	14.5	14.5
7	181839070827	0.0	0.0	0.0
8	171739068539	0.0	15.0	15.0
9	181839066179	0.0	15.0	15.0
10	181839062809	0.0	12.5	12.5
11	181839071373	0.0	12.0	12.0
12	181839066317	0.0	16.0	16.0
13	21891164010	0.0	12.0	12.0
14	181839064897	0.0	0.0	0.0
15	181839065324	0.0	12.0	12.0
16	181839069764	0.0	12.5	12.5
17	171739070058	0.0	8.0	8.0
18	161639071780	0.0	0.0	0.0
19	181839063920	0.0	12.0	12.0
20	181839000907	0.0	18.5	18.5
21	171739081741	0.0	12.0	12.0
22	181839065367	0.0	14.0	14.0
23	181539078434	0.0	0.0	0.0
24	181839066539	0.0	14.0	14.0
25	171739066103	0.0	13.5	13.5
26	200809052028	0.0	11.25	11.25
27	181839068466	0.0	13.0	13.0
28	171739068659	0.0	16.0	16.0
29	181839065363	0.0	10.5	10.5
30	181839066332	0.0	10.0	10.0
31	171739064425	0.0	11.0	11.0
32	181839066644	0.0	10.0	10.0
33	181839063226	0.0	9.5	9.5
34	181839066599	0.0	12.0	12.0
35	19911863013	0.0	14.0	14.0
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	13.0	13.0
38	181839067108	0.0	14.5	14.5
39	171739073795	0.0	11.5	11.5
40	181839066218	0.0	13.75	13.75
41	151539069141	0.0	11.5	11.5
42	211439057433	0.0	13.0	13.0
43	161539069036	0.0	11.0	11.0
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	10.0	10.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	15.0	15.0
2	181839066557	0.0	10.5	10.5
3	181839065336	0.0	7.75	7.75
4	161639065771	0.0	10.5	10.5
5	181839062792	0.0	10.25	10.25
6	181839069821	0.0	0.0	0.0
7	181839066319	0.0	9.25	9.25
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	7.25	7.25
10	171739065582	0.0	8.75	8.75
11	181839070270	0.0	0.0	0.0
12	2199928746	0.0	12.25	12.25
13	16069056588	0.0	8.25	8.25
14	1697827783	0.0	8.75	8.75
15	181839066267	0.0	0.0	0.0
16	181839066513	0.0	0.0	0.0
17	21109053861	0.0	16.25	16.25
18	181839068387	0.0	7.25	7.25
19	18129052789	0.0	15.0	15.0
20	171739082193	0.0	0.0	0.0
21	181839066181	0.0	10.25	10.25
22	161639065379	0.0	8.5	8.5
23	171739065659	0.0	16.25	16.25
24	171739068720	0.0	7.75	7.75
25	181839068470	0.0	8.5	8.5
26	171739067318	0.0	9.25	9.25
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	10.0	10.0
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	13.0	13.0
31	181839063289	0.0	10.5	10.5
32	181839066610	0.0	9.5	9.5
33	171739064467	0.0	14.0	14.0
34	171739075123	0.0	7.75	7.75
35	181839064896	0.0	13.75	13.75
36	181839062708	0.0	0.25	0.25
37	181839065323	0.0	9.5	9.5
38	21079066061	0.0	8.75	8.75
39	181839066141	0.0	14.5	14.5
40	2000499390	0.0	9.25	9.25
41	181839062895	0.0	10.0	10.0
42	181839065353	0.0	7.0	7.0
43	181839067061	0.0	10.75	10.75
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	0.0	9.25	9.25
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	0.0	14.0	14.0
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	6.25	6.25
4	171739070627	0.0	10.5	10.5
5	181839070180	0.0	7.5	7.5
6	181839065694	0.0	9.75	9.75
7	181839070827	0.0	0.0	0.0
8	171739068539	0.0	11.5	11.5
9	181839066179	0.0	6.75	6.75
10	181839062809	0.0	7.0	7.0
11	181839071373	0.0	8.0	8.0
12	181839066317	0.0	6.5	6.5
13	21891164010	0.0	15.0	15.0
14	181839064897	0.0	0.0	0.0
15	181839065324	0.0	3.5	3.5
16	181839069764	0.0	6.5	6.5
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	0.0	8.0	8.0
20	181839000907	0.0	16.0	16.0
21	171739081741	0.0	8.0	8.0
22	181839065367	0.0	6.5	6.5
23	181539078434	0.0	0.0	0.0
24	181839066539	0.0	6.75	6.75
25	171739066103	0.0	11.0	11.0
26	200809052028	0.0	16.0	16.0
27	181839068466	0.0	7.5	7.5
28	171739068659	0.0	6.5	6.5
29	181839065363	0.0	7.5	7.5
30	181839066332	0.0	11.25	11.25
31	171739064425	0.0	11.0	11.0
32	181839066644	0.0	9.5	9.5
33	181839063226	0.0	0.0	0.0
34	181839066599	0.0	7.5	7.5
35	19911863013	0.0	11.25	11.25
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	13.0	13.0
38	181839067108	0.0	17.0	17.0
39	171739073795	0.0	7.75	7.75
40	181839066218	0.0	6.75	6.75
41	151539069141	0.0	8.25	8.25
42	211439057433	0.0	7.5	7.5
43	161539069036	0.0	8.25	8.25
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	8.25	8.25

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	14.0	14.0
2	181839066557	0.0	11.13	11.13
3	181839065336	0.0	9.75	9.75
4	161639065771	0.0	10.25	10.25
5	181839062792	0.0	8.5	8.5
6	181839069821	0.0	0.0	0.0
7	181839066319	0.0	11.13	11.13
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	9.5	9.5
10	171739065582	0.0	5.75	5.75
11	181839070270	0.0	0.0	0.0
12	2199928746	0.0	10.0	10.0
13	16069056588	0.0	10.38	10.38
14	1697827783	0.0	0.0	0.0
15	181839066267	0.0	0.0	0.0
16	181839066513	0.0	0.0	0.0
17	21109053861	0.0	10.0	10.0
18	181839068387	0.0	10.38	10.38
19	18129052789	0.0	14.5	14.5
20	171739082193	0.0	0.0	0.0
21	181839066181	0.0	11.13	11.13
22	161639065379	0.0	2.75	2.75
23	171739065659	0.0	14.0	14.0
24	171739068720	0.0	8.0	8.0
25	181839068470	0.0	9.75	9.75
26	171739067318	0.0	7.88	7.88
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	8.75	8.75
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	0.0	0.0
31	181839063289	0.0	10.0	10.0
32	181839066610	0.0	10.75	10.75
33	171739064467	0.0	14.0	14.0
34	171739075123	0.0	9.5	9.5
35	181839064896	0.0	10.75	10.75
36	181839062708	0.0	0.0	0.0
37	181839065323	0.0	9.75	9.75
38	21079066061	0.0	14.0	14.0
39	181839066141	0.0	12.25	12.25
40	2000499390	0.0	10.38	10.38
41	181839062895	0.0	8.75	8.75
42	181839065353	0.0	9.5	9.5
43	181839067061	0.0	11.13	11.13
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	0.0	10.0	10.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux 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	171739064587	0.0	14.0	14.0
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	15.0	15.0
4	171739070627	0.0	13.0	13.0
5	181839070180	0.0	14.5	14.5
6	181839065694	0.0	13.0	13.0
7	181839070827	0.0	0.0	0.0
8	171739068539	0.0	0.0	0.0
9	181839066179	0.0	13.5	13.5
10	181839062809	0.0	14.5	14.5
11	181839071373	0.0	15.0	15.0
12	181839066317	0.0	15.0	15.0
13	21891164010	0.0	15.0	15.0
14	181839064897	0.0	0.0	0.0
15	181839065324	0.0	15.0	15.0
16	181839069764	0.0	14.5	14.5
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	0.0	15.0	15.0
20	181839000907	0.0	16.0	16.0
21	171739081741	0.0	14.5	14.5
22	181839065367	0.0	15.0	15.0
23	181539078434	0.0	0.0	0.0
24	181839066539	0.0	15.0	15.0
25	171739066103	0.0	13.5	13.5
26	200809052028	0.0	14.0	14.0
27	181839068466	0.0	15.0	15.0
28	171739068659	0.0	15.0	15.0
29	181839065363	0.0	15.0	15.0
30	181839066332	0.0	12.0	12.0
31	171739064425	0.0	14.0	14.0
32	181839066644	0.0	14.5	14.5
33	181839063226	0.0	13.0	13.0
34	181839066599	0.0	13.0	13.0
35	19911863013	0.0	15.0	15.0
36	171739066758	0.0	12.5	12.5
37	171739065598	0.0	14.5	14.5
38	181839067108	0.0	16.0	16.0
39	171739073795	0.0	15.0	15.0
40	181839066218	0.0	14.5	14.5
41	151539069141	0.0	14.0	14.0
42	211439057433	0.0	14.5	14.5
43	161539069036	0.0	0.0	0.0
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	13.0	13.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	18.0	18.0
2	181839066557	0.0	15.5	15.5
3	181839065336	0.0	16.5	16.5
4	161639065771	0.0	15.5	15.5
5	181839062792	0.0	15.5	15.5
6	181839069821	0.0	0.0	0.0
7	181839066319	0.0	16.0	16.0
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	16.5	16.5
10	171739065582	0.0	14.5	14.5
11	181839070270	0.0	0.0	0.0
12	2199928746	0.0	16.0	16.0
13	16069056588	0.0	14.5	14.5
14	1697827783	0.0	15.5	15.5
15	181839066267	0.0	0.0	0.0
16	181839066513	0.0	0.0	0.0
17	21109053861	0.0	16.0	16.0
18	181839068387	0.0	14.5	14.5
19	18129052789	0.0	20.0	20.0
20	171739082193	0.0	0.0	0.0
21	181839066181	0.0	15.5	15.5
22	161639065379	0.0	15.5	15.5
23	171739065659	0.0	16.5	16.5
24	171739068720	0.0	15.5	15.5
25	181839068470	0.0	0.0	0.0
26	171739067318	0.0	14.5	14.5
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	14.5	14.5
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	19.0	19.0
31	181839063289	0.0	16.0	16.0
32	181839066610	0.0	15.5	15.5
33	171739064467	0.0	17.0	17.0
34	171739075123	0.0	16.5	16.5
35	181839064896	0.0	15.5	15.5
36	181839062708	0.0	0.0	0.0
37	181839065323	0.0	16.5	16.5
38	21079066061	0.0	16.0	16.0
39	181839066141	0.0	16.0	16.0
40	2000499390	0.0	11.5	11.5
41	181839062895	0.0	15.5	15.5
42	181839065353	0.0	16.5	16.5
43	181839067061	0.0	15.5	15.5
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	0.0	16.0	16.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	0.0	17.5	17.5
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	15.0	15.0
4	171739070627	0.0	16.0	16.0
5	181839070180	0.0	16.0	16.0
6	181839065694	0.0	16.0	16.0
7	181839070827	0.0	0.0	0.0
8	171739068539	0.0	16.5	16.5
9	181839066179	0.0	15.5	15.5
10	181839062809	0.0	15.5	15.5
11	181839071373	0.0	16.0	16.0
12	181839066317	0.0	14.5	14.5
13	21891164010	0.0	17.0	17.0
14	181839064897	0.0	0.0	0.0
15	181839065324	0.0	14.0	14.0
16	181839069764	0.0	15.5	15.5
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	0.0	14.5	14.5
20	181839000907	0.0	16.5	16.5
21	171739081741	0.0	17.0	17.0
22	181839065367	0.0	15.0	15.0
23	181539078434	0.0	0.0	0.0
24	181839066539	0.0	14.5	14.5
25	171739066103	0.0	20.0	20.0
26	200809052028	0.0	17.0	17.0
27	181839068466	0.0	15.5	15.5
28	171739068659	0.0	14.5	14.5
29	181839065363	0.0	15.0	15.0
30	181839066332	0.0	10.5	10.5
31	171739064425	0.0	17.5	17.5
32	181839066644	0.0	16.0	16.0
33	181839063226	0.0	0.0	0.0
34	181839066599	0.0	16.0	16.0
35	19911863013	0.0	15.0	15.0
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	17.5	17.5
38	181839067108	0.0	16.0	16.0
39	171739073795	0.0	16.5	16.5
40	181839066218	0.0	16.5	16.5
41	151539069141	0.0	15.0	15.0
42	211439057433	0.0	16.0	16.0
43	161539069036	0.0	10.5	10.5
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Réseaux de Transport et de Distribution D'énergie Electrique / Section

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739070634	0.0	15.5	15.5
2	181839066557	0.0	13.0	13.0
3	181839065336	0.0	10.5	10.5
4	161639065771	0.0	14.25	14.25
5	181839062792	0.0	13.75	13.75
6	181839069821	0.0	0.0	0.0
7	181839066319	0.0	13.0	13.0
8	171739066219	0.0	0.0	0.0
9	181839065370	0.0	14.0	14.0
10	171739065582	0.0	13.75	13.75
11	181839070270	0.0	0.0	0.0
12	2199928746	0.0	14.0	14.0
13	16069056588	0.0	13.0	13.0
14	1697827783	0.0	14.25	14.25
15	181839066267	0.0	0.0	0.0
16	181839066513	0.0	0.0	0.0
17	21109053861	0.0	14.0	14.0
18	181839068387	0.0	13.0	13.0
19	18129052789	0.0	0.0	0.0
20	171739082193	0.0	0.0	0.0
21	181839066181	0.0	13.0	13.0
22	161639065379	0.0	14.25	14.25
23	171739065659	0.0	13.5	13.5
24	171739068720	0.0	14.0	14.0
25	181839068470	0.0	11.0	11.0
26	171739067318	0.0	13.0	13.0
27	181839065366	0.0	0.0	0.0
28	181839073636	0.0	13.75	13.75
29	161639075473	0.0	0.0	0.0
30	171739068656	0.0	10.0	10.0
31	181839063289	0.0	14.0	14.0
32	181839066610	0.0	13.5	13.5
33	171739064467	0.0	9.0	9.0
34	171739075123	0.0	14.5	14.5
35	181839064896	0.0	13.5	13.5
36	181839062708	0.0	0.0	0.0
37	181839065323	0.0	10.5	10.5
38	21079066061	0.0	10.35	10.35
39	181839066141	0.0	16.5	16.5
40	2000499390	0.0	13.0	13.0
41	181839062895	0.0	13.75	13.75
42	181839065353	0.0	14.5	14.5
43	181839067061	0.0	13.0	13.0
44	181839070828	0.0	0.0	0.0
45	211539077004	0.0	0.0	0.0
46	211539079155	0.0	0.0	0.0
47	151539053510	0.0	0.0	0.0
48	211439067136	0.0	0.0	0.0
49	1692332004	0.0	14.0	14.0
50	201439056335	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/2

Filière: Electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de

Matière: TP : Réseaux de Transport et de Distribution D'énergie Electrique / Section

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	171739064587	0.0	9.0	9.0
2	181839062765	0.0	0.0	0.0
3	181839065352	0.0	6.38	6.38
4	171739070627	0.0	8.0	8.0
5	181839070180	0.0	10.8	10.8
6	181839065694	0.0	12.05	12.05
7	181839070827	0.0	0.0	0.0
8	171739068539	0.0	12.08	12.08
9	181839066179	0.0	10.78	10.78
10	181839062809	0.0	10.18	10.18
11	181839071373	0.0	10.1	10.1
12	181839066317	0.0	13.5	13.5
13	21891164010	0.0	14.28	14.28
14	181839064897	0.0	0.0	0.0
15	181839065324	0.0	11.15	11.15
16	181839069764	0.0	10.55	10.55
17	171739070058	0.0	0.0	0.0
18	161639071780	0.0	0.0	0.0
19	181839063920	0.0	6.5	6.5
20	181839000907	0.0	15.0	15.0
21	171739081741	0.0	13.13	13.13
22	181839065367	0.0	6.38	6.38
23	181539078434	0.0	0.0	0.0
24	181839066539	0.0	13.5	13.5
25	171739066103	0.0	10.0	10.0
26	200809052028	0.0	9.0	9.0
27	181839068466	0.0	10.75	10.75
28	171739068659	0.0	6.5	6.5
29	181839065363	0.0	11.53	11.53
30	181839066332	0.0	12.4	12.4
31	171739064425	0.0	10.0	10.0
32	181839066644	0.0	13.7	13.7
33	181839063226	0.0	5.3	5.3
34	181839066599	0.0	12.8	12.8
35	19911863013	0.0	10.68	10.68
36	171739066758	0.0	0.0	0.0
37	171739065598	0.0	10.0	10.0
38	181839067108	0.0	15.0	15.0
39	171739073795	0.0	12.55	12.55
40	181839066218	0.0	13.65	13.65
41	151539069141	0.0	10.25	10.25
42	211439057433	0.0	10.1	10.1
43	161539069036	0.0	10.25	10.25
44	161539066175	0.0	0.0	0.0
45	211539078542	0.0	0.0	0.0
46	21109042023	0.0	0.0	0.0
47	21129049361	0.0	0.0	0.0

Signature de l'enseignant:

Le:

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