

2021/2022

Filière: electrotechnique
réseaux électriques

Matière: Commande des Systèmes Electro-énergétiques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	4.0	13.0	7.6	NORMALE
3	181839065336	5.0	11.5	7.6	NORMALE
4	161639065771	6.5	9.5	7.7	NORMALE
5	181839062792	8.5	10.5	9.3	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	2.0	8.5	4.6	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	7.5	8.0	7.7	NORMALE
10	171739065582	1.0	8.5	4.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	7.5	8.5	7.9	NORMALE
13	16069056588	8.5	10.0	9.1	NORMALE
14	1697827783	5.0	8.5	6.4	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	14.5	17.0	15.5	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	1.0	9.5	4.4	NORMALE
22	161639065379	7.0	9.5	8.0	NORMALE
23	171739065659	6.0	13.0	8.8	NORMALE
24	171739068720	5.5	8.0	6.5	NORMALE
25	181839068470	1.5	10.5	5.1	NORMALE
26	171739067318	0.0	8.0	3.2	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	1.0	8.5	4.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	2.0	8.5	4.6	NORMALE
32	181839066610	15.0	11.5	13.6	NORMALE
33	171739064467	10.4	10.4	10.4	NORMALE
34	171739075123	0.0	10.5	4.2	NORMALE
35	181839064896	11.0	13.5	12.0	NORMALE
36	181839062708	0.0	8.0	3.2	NORMALE
37	181839065323	4.5	14.0	8.3	NORMALE
38	21079066061	2.0	9.5	5.0	NORMALE
39	181839066141	5.5	11.0	7.7	NORMALE
40	2000499390	2.0	8.0	4.4	NORMALE
41	181839062895	3.5	10.5	6.3	NORMALE
42	181839065353	4.5	8.0	5.9	NORMALE
43	181839067061	10.0	14.0	11.6	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	6.5	10.0	7.9	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Commande des Systèmes Electro-énergétiques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	10.0	10.0	10.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	8.0	8.25	8.1	NORMALE
4	171739070627	6.0	10.5	7.8	NORMALE
5	181839070180	8.0	13.25	10.1	NORMALE
6	181839065694	5.0	14.5	8.8	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	3.0	9.0	5.4	NORMALE
9	181839066179	5.5	10.5	7.5	NORMALE
10	181839062809	0.0	10.5	4.2	NORMALE
11	181839071373	1.5	9.0	4.5	NORMALE
12	181839066317	2.5	10.5	5.7	NORMALE
13	21891164010	13.0	14.0	13.4	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	2.5	10.0	5.5	NORMALE
16	181839069764	1.0	8.25	3.9	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	4.5	10.5	6.9	NORMALE
20	181839000907	13.5	16.0	14.5	NORMALE
21	171739081741	8.0	10.5	9.0	NORMALE
22	181839065367	1.0	10.5	4.8	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	2.0	8.5	4.6	NORMALE
25	171739066103	14.0	14.0	14.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	4.5	10.5	6.9	NORMALE
28	171739068659	4.5	10.5	6.9	NORMALE
29	181839065363	9.0	10.5	9.6	NORMALE
30	181839066332	3.5	10.5	6.3	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	8.0	3.2	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	15.5	14.5	15.1	NORMALE
35	19911863013	0.0	9.0	3.6	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	11.2	11.2	11.2	NORMALE
38	181839067108	17.5	16.0	16.9	NORMALE
39	171739073795	0.0	9.0	3.6	NORMALE
40	181839066218	8.0	11.0	9.2	NORMALE
41	151539069141	2.5	8.0	4.7	NORMALE
42	211439057433	2.0	8.5	4.6	NORMALE
43	161539069036	6.0	8.5	7.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 2 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Ethique , déontologie et Propriété Intellectuelle / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	10.0	0.0	10.0	NORMALE
2	181839066557	10.0	0.0	10.0	NORMALE
3	181839065336	7.0	0.0	7.0	NORMALE
4	161639065771	19.0	0.0	19.0	NORMALE
5	181839062792	19.0	0.0	19.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	9.0	0.0	9.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	7.0	0.0	7.0	NORMALE
10	171739065582	7.75	0.0	7.75	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	12.0	0.0	12.0	NORMALE
13	16069056588	20.0	0.0	20.0	NORMALE
14	1697827783	13.0	0.0	13.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	12.0	0.0	12.0	NORMALE
17	21109053861	11.0	0.0	11.0	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	10.0	0.0	10.0	NORMALE
22	161639065379	20.0	0.0	20.0	NORMALE
23	171739065659	10.0	0.0	10.0	NORMALE
24	171739068720	12.0	0.0	12.0	NORMALE
25	181839068470	7.0	0.0	7.0	NORMALE
26	171739067318	5.0	0.0	5.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	12.0	0.0	12.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	5.0	0.0	5.0	NORMALE
32	181839066610	20.0	0.0	20.0	NORMALE
33	171739064467	14.0	0.0	14.0	NORMALE
34	171739075123	10.0	0.0	10.0	NORMALE
35	181839064896	10.0	0.0	10.0	NORMALE
36	181839062708	8.5	0.0	8.5	NORMALE
37	181839065323	10.0	0.0	10.0	NORMALE
38	21079066061	3.0	0.0	3.0	NORMALE
39	181839066141	13.0	0.0	13.0	NORMALE
40	2000499390	15.0	0.0	15.0	NORMALE
41	181839062895	18.5	0.0	18.5	NORMALE
42	181839065353	12.0	0.0	12.0	NORMALE
43	181839067061	18.5	0.0	18.5	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	20.0	0.0	20.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 3 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Ethique , déontologie et Propriété Intellectuelle / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	18.0	0.0	18.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	14.0	0.0	14.0	NORMALE
4	171739070627	0.0	0.0	0.0	NORMALE
5	181839070180	8.0	0.0	8.0	NORMALE
6	181839065694	18.5	0.0	18.5	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	12.0	0.0	12.0	NORMALE
9	181839066179	8.0	0.0	8.0	NORMALE
10	181839062809	18.0	0.0	18.0	NORMALE
11	181839071373	7.0	0.0	7.0	NORMALE
12	181839066317	12.0	0.0	12.0	NORMALE
13	21891164010	10.0	0.0	10.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	9.0	0.0	9.0	NORMALE
16	181839069764	8.0	0.0	8.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	8.0	0.0	8.0	NORMALE
20	181839000907	20.0	0.0	20.0	NORMALE
21	171739081741	19.0	0.0	19.0	NORMALE
22	181839065367	9.0	0.0	9.0	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	9.0	0.0	9.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	14.0	0.0	14.0	NORMALE
28	171739068659	10.0	0.0	10.0	NORMALE
29	181839065363	9.0	0.0	9.0	NORMALE
30	181839066332	13.0	0.0	13.0	NORMALE
31	171739064425	11.0	0.0	11.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	14.0	0.0	14.0	NORMALE
35	19911863013	9.0	0.0	9.0	NORMALE
36	171739066758	10.0	0.0	10.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	20.0	0.0	20.0	NORMALE
39	171739073795	7.0	0.0	7.0	NORMALE
40	181839066218	13.0	0.0	13.0	NORMALE
41	151539069141	6.5	0.0	6.5	NORMALE
42	211439057433	9.0	0.0	9.0	NORMALE
43	161539069036	7.0	0.0	7.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 4 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Modélisation et Optimisation des Réseaux Electriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	10.0	8.0	9.2	NORMALE
3	181839065336	8.0	8.0	8.0	NORMALE
4	161639065771	7.0	9.0	7.8	NORMALE
5	181839062792	4.0	9.0	6.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	4.0	4.0	4.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	6.0	9.0	7.2	NORMALE
10	171739065582	4.0	0.0	2.4	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	14.0	9.0	12.0	NORMALE
13	16069056588	9.0	9.0	9.0	NORMALE
14	1697827783	6.0	9.0	7.2	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	15.0	15.0	15.0	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	5.0	9.0	6.6	NORMALE
22	161639065379	6.0	7.0	6.4	NORMALE
23	171739065659	7.0	10.0	8.2	NORMALE
24	171739068720	9.0	7.0	8.2	NORMALE
25	181839068470	7.0	9.0	7.8	NORMALE
26	171739067318	3.0	0.0	1.8	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	4.0	10.0	6.4	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	8.0	10.0	8.8	NORMALE
32	181839066610	10.0	8.0	9.2	NORMALE
33	171739064467	8.0	9.0	8.4	NORMALE
34	171739075123	7.0	7.0	7.0	NORMALE
35	181839064896	10.0	9.0	9.6	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	10.0	9.0	9.6	NORMALE
38	21079066061	9.0	9.0	9.0	NORMALE
39	181839066141	9.0	8.0	8.6	NORMALE
40	2000499390	10.0	10.0	10.0	NORMALE
41	181839062895	7.0	9.0	7.8	NORMALE
42	181839065353	8.0	10.0	8.8	NORMALE
43	181839067061	4.0	8.0	5.6	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	7.0	10.0	8.2	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 5 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Modélisation et Optimisation des Réseaux Electriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	5.0	0.0	3.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	9.0	4.0	7.0	NORMALE
4	171739070627	5.0	9.0	6.6	NORMALE
5	181839070180	8.0	8.0	8.0	NORMALE
6	181839065694	4.0	9.0	6.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	10.0	8.0	9.2	NORMALE
9	181839066179	7.0	9.0	7.8	NORMALE
10	181839062809	8.0	8.0	8.0	NORMALE
11	181839071373	5.0	9.0	6.6	NORMALE
12	181839066317	9.0	10.0	9.4	NORMALE
13	21891164010	11.0	11.0	11.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	6.0	2.4	NORMALE
16	181839069764	4.0	9.0	6.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	6.0	6.0	6.0	NORMALE
20	181839000907	15.0	10.0	13.0	NORMALE
21	171739081741	7.0	4.0	5.8	NORMALE
22	181839065367	9.0	8.0	8.6	NORMALE
23	181539078434	4.0	0.0	2.4	NORMALE
24	181839066539	9.0	9.0	9.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	7.0	4.0	5.8	NORMALE
28	171739068659	5.0	9.0	6.6	NORMALE
29	181839065363	7.0	9.0	7.8	NORMALE
30	181839066332	6.0	9.0	7.2	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	8.0	9.0	8.4	NORMALE
35	19911863013	0.0	9.0	3.6	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	14.0	11.0	12.8	NORMALE
39	171739073795	5.0	7.0	5.8	NORMALE
40	181839066218	9.0	9.0	9.0	NORMALE
41	151539069141	3.0	8.0	5.0	NORMALE
42	211439057433	0.0	0.0	0.0	NORMALE
43	161539069036	5.0	8.0	6.2	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Planification des Réseaux électriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	4.0	9.0	6.0	NORMALE
3	181839065336	10.0	7.0	8.8	NORMALE
4	161639065771	3.0	9.5	5.6	NORMALE
5	181839062792	5.0	4.5	4.8	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	5.0	3.0	4.2	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	10.0	0.0	6.0	NORMALE
10	171739065582	0.0	3.0	1.2	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	10.0	11.0	10.4	NORMALE
13	16069056588	12.0	11.0	11.6	NORMALE
14	1697827783	7.0	11.5	8.8	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	7.5	11.5	9.1	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	11.5	11.5	11.5	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	2.0	7.0	4.0	NORMALE
22	161639065379	5.0	7.5	6.0	NORMALE
23	171739065659	3.5	8.0	5.3	NORMALE
24	171739068720	6.0	10.0	7.6	NORMALE
25	181839068470	2.0	7.0	4.0	NORMALE
26	171739067318	0.0	0.0	0.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.0	4.0	1.6	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	4.0	8.0	5.6	NORMALE
32	181839066610	4.0	8.5	5.8	NORMALE
33	171739064467	10.2	10.2	10.2	NORMALE
34	171739075123	10.0	1.5	6.6	NORMALE
35	181839064896	5.0	8.5	6.4	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	2.0	10.0	5.2	NORMALE
38	21079066061	3.0	11.0	6.2	NORMALE
39	181839066141	4.0	10.0	6.4	NORMALE
40	2000499390	11.0	2.0	7.4	NORMALE
41	181839062895	3.0	5.5	4.0	NORMALE
42	181839065353	10.0	0.0	6.0	NORMALE
43	181839067061	4.0	12.5	7.4	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	11.0	11.0	11.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 7 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Planification des Réseaux électriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	10.2	10.2	10.2	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	11.0	0.0	6.6	NORMALE
4	171739070627	5.0	7.0	5.8	NORMALE
5	181839070180	3.0	10.0	5.8	NORMALE
6	181839065694	6.0	9.5	7.4	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	0.0	9.0	3.6	NORMALE
9	181839066179	7.0	0.0	4.2	NORMALE
10	181839062809	5.0	4.5	4.8	NORMALE
11	181839071373	0.0	0.0	0.0	NORMALE
12	181839066317	3.0	7.5	4.8	NORMALE
13	21891164010	11.5	12.0	11.7	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	2.0	9.0	4.8	NORMALE
16	181839069764	2.0	0.0	1.2	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	8.0	5.0	6.8	NORMALE
20	181839000907	14.0	13.5	13.8	NORMALE
21	171739081741	10.5	4.0	7.9	NORMALE
22	181839065367	11.0	4.5	8.4	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	3.0	0.0	1.8	NORMALE
25	171739066103	12.3	12.3	12.3	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	12.5	5.0	9.5	NORMALE
28	171739068659	8.0	8.5	8.2	NORMALE
29	181839065363	10.0	7.5	9.0	NORMALE
30	181839066332	2.0	9.0	4.8	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	7.0	10.5	8.4	NORMALE
35	19911863013	7.0	11.0	8.6	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	9.6	9.6	9.6	NORMALE
38	181839067108	15.0	12.5	14.0	NORMALE
39	171739073795	3.0	0.0	1.8	NORMALE
40	181839066218	12.5	4.0	9.1	NORMALE
41	151539069141	0.0	7.0	2.8	NORMALE
42	211439057433	2.0	0.0	1.2	NORMALE
43	161539069036	4.0	9.0	6.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 8 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Production Centralisée et décentralisée / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	14.5	0.0	14.5	NORMALE
2	181839066557	8.0	0.0	8.0	NORMALE
3	181839065336	15.0	0.0	15.0	NORMALE
4	161639065771	13.5	0.0	13.5	NORMALE
5	181839062792	16.5	0.0	16.5	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	10.0	0.0	10.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	10.0	0.0	10.0	NORMALE
10	171739065582	0.0	0.0	0.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	14.25	0.0	14.25	NORMALE
13	16069056588	15.0	0.0	15.0	NORMALE
14	1697827783	11.5	0.0	11.5	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	11.0	0.0	11.0	NORMALE
17	21109053861	11.75	0.0	11.75	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	10.15	0.0	10.15	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	8.0	0.0	8.0	NORMALE
22	161639065379	14.5	0.0	14.5	NORMALE
23	171739065659	11.0	0.0	11.0	NORMALE
24	171739068720	13.0	0.0	13.0	NORMALE
25	181839068470	9.0	0.0	9.0	NORMALE
26	171739067318	6.0	0.0	6.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	12.0	0.0	12.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	11.0	0.0	11.0	NORMALE
32	181839066610	12.0	0.0	12.0	NORMALE
33	171739064467	13.0	0.0	13.0	NORMALE
34	171739075123	16.0	0.0	16.0	NORMALE
35	181839064896	11.0	0.0	11.0	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	9.0	0.0	9.0	NORMALE
38	21079066061	11.5	0.0	11.5	NORMALE
39	181839066141	11.0	0.0	11.0	NORMALE
40	2000499390	14.0	0.0	14.0	NORMALE
41	181839062895	15.7	0.0	15.7	NORMALE
42	181839065353	11.5	0.0	11.5	NORMALE
43	181839067061	12.0	0.0	12.0	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	13.0	0.0	13.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 9 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Production Centralisée et décentralisée / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	15.95	0.0	15.95	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	12.0	0.0	12.0	NORMALE
4	171739070627	7.5	0.0	7.5	NORMALE
5	181839070180	10.0	0.0	10.0	NORMALE
6	181839065694	11.0	0.0	11.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	8.0	0.0	8.0	NORMALE
9	181839066179	9.0	0.0	9.0	NORMALE
10	181839062809	11.5	0.0	11.5	NORMALE
11	181839071373	9.0	0.0	9.0	NORMALE
12	181839066317	11.0	0.0	11.0	NORMALE
13	21891164010	17.0	0.0	17.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	11.0	0.0	11.0	NORMALE
16	181839069764	8.0	0.0	8.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	10.0	0.0	10.0	NORMALE
20	181839000907	14.5	0.0	14.5	NORMALE
21	171739081741	7.0	0.0	7.0	NORMALE
22	181839065367	9.0	0.0	9.0	NORMALE
23	181539078434	9.0	0.0	9.0	NORMALE
24	181839066539	8.0	0.0	8.0	NORMALE
25	171739066103	11.6	0.0	11.6	NORMALE
26	200809052028	11.6	0.0	11.6	NORMALE
27	181839068466	11.75	0.0	11.75	NORMALE
28	171739068659	9.0	0.0	9.0	NORMALE
29	181839065363	10.0	0.0	10.0	NORMALE
30	181839066332	8.0	0.0	8.0	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	11.0	0.0	11.0	NORMALE
35	19911863013	7.0	0.0	7.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	20.0	0.0	20.0	NORMALE
39	171739073795	13.0	0.0	13.0	NORMALE
40	181839066218	10.0	0.0	10.0	NORMALE
41	151539069141	5.0	0.0	5.0	NORMALE
42	211439057433	11.75	0.0	11.75	NORMALE
43	161539069036	10.0	0.0	10.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 10 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Propagation des ondes électriques sur le réseau d'énergie / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	4.0	0.0	4.0	NORMALE
3	181839065336	14.0	0.0	14.0	NORMALE
4	161639065771	18.0	0.0	18.0	NORMALE
5	181839062792	10.0	0.0	10.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	4.0	0.0	4.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	14.0	0.0	14.0	NORMALE
10	171739065582	0.0	0.0	0.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	10.0	0.0	10.0	NORMALE
13	16069056588	14.0	0.0	14.0	NORMALE
14	1697827783	4.0	0.0	4.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	4.0	0.0	4.0	NORMALE
17	21109053861	16.0	0.0	16.0	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	4.0	0.0	4.0	NORMALE
22	161639065379	13.0	0.0	13.0	NORMALE
23	171739065659	6.0	0.0	6.0	NORMALE
24	171739068720	12.0	0.0	12.0	NORMALE
25	181839068470	4.0	0.0	4.0	NORMALE
26	171739067318	0.0	0.0	0.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	10.0	0.0	10.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	5.0	0.0	5.0	NORMALE
32	181839066610	12.0	0.0	12.0	NORMALE
33	171739064467	14.0	0.0	14.0	NORMALE
34	171739075123	14.0	0.0	14.0	NORMALE
35	181839064896	12.0	0.0	12.0	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	4.0	0.0	4.0	NORMALE
38	21079066061	6.0	0.0	6.0	NORMALE
39	181839066141	4.0	0.0	4.0	NORMALE
40	2000499390	10.0	0.0	10.0	NORMALE
41	181839062895	10.0	0.0	10.0	NORMALE
42	181839065353	18.0	0.0	18.0	NORMALE
43	181839067061	10.0	0.0	10.0	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	10.0	0.0	10.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 11 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Propagation des ondes électriques sur le réseau d'énergie / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	16.0	0.0	16.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	10.0	0.0	10.0	NORMALE
4	171739070627	12.0	0.0	12.0	NORMALE
5	181839070180	10.0	0.0	10.0	NORMALE
6	181839065694	12.0	0.0	12.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	2.0	0.0	2.0	NORMALE
9	181839066179	0.0	0.0	0.0	NORMALE
10	181839062809	14.0	0.0	14.0	NORMALE
11	181839071373	4.0	0.0	4.0	NORMALE
12	181839066317	8.0	0.0	8.0	NORMALE
13	21891164010	10.0	0.0	10.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	4.0	0.0	4.0	NORMALE
16	181839069764	0.0	0.0	0.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	5.0	0.0	5.0	NORMALE
20	181839000907	18.0	0.0	18.0	NORMALE
21	171739081741	14.0	0.0	14.0	NORMALE
22	181839065367	14.0	0.0	14.0	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	5.0	0.0	5.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	10.0	0.0	10.0	NORMALE
28	171739068659	10.0	0.0	10.0	NORMALE
29	181839065363	14.0	0.0	14.0	NORMALE
30	181839066332	12.0	0.0	12.0	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	18.0	0.0	18.0	NORMALE
35	19911863013	5.0	0.0	5.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	18.0	0.0	18.0	NORMALE
39	171739073795	4.0	0.0	4.0	NORMALE
40	181839066218	10.0	0.0	10.0	NORMALE
41	151539069141	2.0	0.0	2.0	NORMALE
42	211439057433	1.0	0.0	1.0	NORMALE
43	161539069036	10.0	0.0	10.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Qualité de L'énergies Electriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	10.5	7.0	9.1	NORMALE
3	181839065336	1.0	6.0	3.0	NORMALE
4	161639065771	5.5	7.0	6.1	NORMALE
5	181839062792	10.5	7.0	9.1	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	4.5	7.0	5.5	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	1.5	7.0	3.7	NORMALE
10	171739065582	0.0	0.0	0.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	9.0	7.0	8.2	NORMALE
13	16069056588	9.5	11.0	10.1	NORMALE
14	1697827783	7.0	0.0	4.2	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	17.0	20.0	18.2	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	2.0	13.0	6.4	NORMALE
22	161639065379	2.0	7.0	4.0	NORMALE
23	171739065659	4.5	6.0	5.1	NORMALE
24	171739068720	1.5	7.0	3.7	NORMALE
25	181839068470	5.0	8.0	6.2	NORMALE
26	171739067318	0.0	0.0	0.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	8.0	6.0	7.2	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	6.5	12.0	8.7	NORMALE
32	181839066610	7.5	11.0	8.9	NORMALE
33	171739064467	3.0	7.0	4.6	NORMALE
34	171739075123	1.0	10.0	4.6	NORMALE
35	181839064896	3.5	8.0	5.3	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	5.5	7.0	6.1	NORMALE
38	21079066061	7.5	7.0	7.3	NORMALE
39	181839066141	12.5	13.0	12.7	NORMALE
40	2000499390	11.0	7.0	9.4	NORMALE
41	181839062895	12.0	7.0	10.0	NORMALE
42	181839065353	10.0	7.0	8.8	NORMALE
43	181839067061	6.5	13.0	9.1	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	5.0	13.0	8.2	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Qualité de L'énergies Electriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	1.5	0.0	0.9	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	7.5	7.0	7.3	NORMALE
4	171739070627	2.5	11.0	5.9	NORMALE
5	181839070180	5.5	10.0	7.3	NORMALE
6	181839065694	6.5	7.0	6.7	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	8.0	11.0	9.2	NORMALE
9	181839066179	8.5	8.0	8.3	NORMALE
10	181839062809	7.0	8.0	7.4	NORMALE
11	181839071373	1.5	7.0	3.7	NORMALE
12	181839066317	10.0	7.0	8.8	NORMALE
13	21891164010	8.0	14.0	10.4	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	3.0	7.0	4.6	NORMALE
16	181839069764	1.0	6.0	3.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	3.0	7.0	4.6	NORMALE
20	181839000907	18.0	20.0	18.8	NORMALE
21	171739081741	4.5	11.0	7.1	NORMALE
22	181839065367	1.0	7.0	3.4	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	6.5	7.0	6.7	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	2.5	7.0	4.3	NORMALE
28	171739068659	0.0	7.0	2.8	NORMALE
29	181839065363	1.5	7.0	3.7	NORMALE
30	181839066332	2.5	7.0	4.3	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	6.5	7.0	6.7	NORMALE
35	19911863013	1.0	7.0	3.4	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	14.5	20.0	16.7	NORMALE
39	171739073795	0.0	6.0	2.4	NORMALE
40	181839066218	9.0	14.0	11.0	NORMALE
41	151539069141	1.0	7.0	3.4	NORMALE
42	211439057433	4.5	0.0	2.7	NORMALE
43	161539069036	6.0	7.0	6.4	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Surtensions et coordination de l'isolement / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	13.0	0.0	13.0	NORMALE
2	181839066557	4.0	0.0	4.0	NORMALE
3	181839065336	0.0	0.0	0.0	NORMALE
4	161639065771	10.0	0.0	10.0	NORMALE
5	181839062792	16.0	0.0	16.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	10.0	0.0	10.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	4.0	0.0	4.0	NORMALE
10	171739065582	0.0	0.0	0.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	14.0	0.0	14.0	NORMALE
13	16069056588	0.0	0.0	0.0	NORMALE
14	1697827783	12.0	0.0	12.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	6.0	0.0	6.0	NORMALE
17	21109053861	6.0	0.0	6.0	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	4.0	0.0	4.0	NORMALE
22	161639065379	14.0	0.0	14.0	NORMALE
23	171739065659	4.0	0.0	4.0	NORMALE
24	171739068720	10.0	0.0	10.0	NORMALE
25	181839068470	1.0	0.0	1.0	NORMALE
26	171739067318	0.0	0.0	0.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	4.0	0.0	4.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	0.0	0.0	0.0	NORMALE
32	181839066610	10.0	0.0	10.0	NORMALE
33	171739064467	10.0	0.0	10.0	NORMALE
34	171739075123	0.0	0.0	0.0	NORMALE
35	181839064896	14.0	0.0	14.0	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	1.0	0.0	1.0	NORMALE
38	21079066061	10.0	0.0	10.0	NORMALE
39	181839066141	2.0	0.0	2.0	NORMALE
40	2000499390	12.0	0.0	12.0	NORMALE
41	181839062895	10.0	0.0	10.0	NORMALE
42	181839065353	14.0	0.0	14.0	NORMALE
43	181839067061	10.0	0.0	10.0	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	10.0	0.0	10.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Surtensions et coordination de l'isolement / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	10.0	0.0	10.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	12.0	0.0	12.0	NORMALE
4	171739070627	12.0	0.0	12.0	NORMALE
5	181839070180	6.0	0.0	6.0	NORMALE
6	181839065694	10.0	0.0	10.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	2.0	0.0	2.0	NORMALE
9	181839066179	2.0	0.0	2.0	NORMALE
10	181839062809	6.0	0.0	6.0	NORMALE
11	181839071373	0.0	0.0	0.0	NORMALE
12	181839066317	10.0	0.0	10.0	NORMALE
13	21891164010	16.0	0.0	16.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	4.0	0.0	4.0	NORMALE
16	181839069764	1.0	0.0	1.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	10.0	0.0	10.0	NORMALE
20	181839000907	16.0	0.0	16.0	NORMALE
21	171739081741	6.0	0.0	6.0	NORMALE
22	181839065367	4.0	0.0	4.0	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	4.0	0.0	4.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	4.0	0.0	4.0	NORMALE
28	171739068659	4.0	0.0	4.0	NORMALE
29	181839065363	4.0	0.0	4.0	NORMALE
30	181839066332	10.0	0.0	10.0	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	0.0	0.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	12.0	0.0	12.0	NORMALE
35	19911863013	10.0	0.0	10.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	12.0	0.0	12.0	NORMALE
38	181839067108	16.0	0.0	16.0	NORMALE
39	171739073795	4.0	0.0	4.0	NORMALE
40	181839066218	12.0	0.0	12.0	NORMALE
41	151539069141	6.0	0.0	6.0	NORMALE
42	211439057433	4.0	0.0	4.0	NORMALE
43	161539069036	10.0	0.0	10.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Techniques de Protection des Réseaux Electriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	7.5	10.5	8.7	NORMALE
3	181839065336	5.5	10.5	7.5	NORMALE
4	161639065771	5.5	10.0	7.3	NORMALE
5	181839062792	6.0	10.0	7.6	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	6.5	10.5	8.1	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	0.5	5.0	2.3	NORMALE
10	171739065582	0.0	5.0	2.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	2.5	10.0	5.5	NORMALE
13	16069056588	6.5	10.0	7.9	NORMALE
14	1697827783	0.5	11.0	4.7	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	3.5	0.0	2.1	NORMALE
17	21109053861	7.5	10.5	8.7	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	6.5	10.5	8.1	NORMALE
22	161639065379	8.0	8.0	8.0	NORMALE
23	171739065659	0.5	8.0	3.5	NORMALE
24	171739068720	0.5	8.0	3.5	NORMALE
25	181839068470	2.5	10.5	5.7	NORMALE
26	171739067318	0.0	10.5	4.2	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	2.0	10.0	5.2	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	4.0	10.0	6.4	NORMALE
32	181839066610	3.0	13.0	7.0	NORMALE
33	171739064467	1.5	5.0	2.9	NORMALE
34	171739075123	0.5	6.0	2.7	NORMALE
35	181839064896	7.0	13.0	9.4	NORMALE
36	181839062708	0.0	7.0	2.8	NORMALE
37	181839065323	0.5	10.5	4.5	NORMALE
38	21079066061	3.5	12.0	6.9	NORMALE
39	181839066141	7.5	5.0	6.5	NORMALE
40	2000499390	7.0	7.0	7.0	NORMALE
41	181839062895	3.5	10.0	6.1	NORMALE
42	181839065353	1.0	7.0	3.4	NORMALE
43	181839067061	0.5	11.0	4.7	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	3.0	10.5	6.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 17 sur 24

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Techniques de Protection des Réseaux Electriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	10.3	10.3	10.3	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	1.0	5.0	2.6	NORMALE
4	171739070627	1.0	10.0	4.6	NORMALE
5	181839070180	2.5	10.5	5.7	NORMALE
6	181839065694	6.0	11.0	8.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	2.5	7.5	4.5	NORMALE
9	181839066179	7.0	7.0	7.0	NORMALE
10	181839062809	5.0	10.0	7.0	NORMALE
11	181839071373	0.0	10.0	4.0	NORMALE
12	181839066317	0.5	5.0	2.3	NORMALE
13	21891164010	10.0	13.0	11.2	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	10.0	4.0	NORMALE
16	181839069764	0.0	8.0	3.2	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	0.5	5.0	2.3	NORMALE
20	181839000907	10.0	14.5	11.8	NORMALE
21	171739081741	7.0	8.0	7.4	NORMALE
22	181839065367	0.5	7.0	3.1	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	5.0	5.0	5.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	1.0	10.0	4.6	NORMALE
28	171739068659	2.5	8.5	4.9	NORMALE
29	181839065363	1.0	10.5	4.8	NORMALE
30	181839066332	0.0	10.5	4.2	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	10.0	4.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	1.5	10.5	5.1	NORMALE
35	19911863013	3.0	13.0	7.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	5.5	14.5	9.1	NORMALE
39	171739073795	1.0	5.0	2.6	NORMALE
40	181839066218	6.0	11.0	8.0	NORMALE
41	151539069141	0.0	12.0	4.8	NORMALE
42	211439057433	1.0	6.0	3.0	NORMALE
43	161539069036	5.5	12.0	8.1	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Commande des Systèmes Electro-énergétiques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	0.0	15.0	15.0	NORMALE
3	181839065336	0.0	14.0	14.0	NORMALE
4	161639065771	0.0	14.5	14.5	NORMALE
5	181839062792	0.0	14.0	14.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	0.0	15.0	15.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	0.0	12.5	12.5	NORMALE
10	171739065582	0.0	13.0	13.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	0.0	14.5	14.5	NORMALE
13	16069056588	0.0	15.0	15.0	NORMALE
14	1697827783	0.0	14.5	14.5	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	0.0	16.0	16.0	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	13.0	13.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	0.0	14.0	14.0	NORMALE
22	161639065379	0.0	14.5	14.5	NORMALE
23	171739065659	0.0	16.0	16.0	NORMALE
24	171739068720	0.0	14.0	14.0	NORMALE
25	181839068470	0.0	14.0	14.0	NORMALE
26	171739067318	0.0	15.0	15.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.0	14.0	14.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	0.0	14.5	14.5	NORMALE
32	181839066610	0.0	15.0	15.0	NORMALE
33	171739064467	0.0	12.0	12.0	NORMALE
34	171739075123	0.0	12.5	12.5	NORMALE
35	181839064896	0.0	15.0	15.0	NORMALE
36	181839062708	0.0	14.0	14.0	NORMALE
37	181839065323	0.0	14.0	14.0	NORMALE
38	21079066061	0.0	15.0	15.0	NORMALE
39	181839066141	0.0	14.0	14.0	NORMALE
40	2000499390	0.0	13.5	13.5	NORMALE
41	181839062895	0.0	13.0	13.0	NORMALE
42	181839065353	0.0	12.5	12.5	NORMALE
43	181839067061	0.0	16.0	16.0	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	0.0	15.0	15.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Commande des Systèmes Electro-énergétiques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	0.0	12.5	12.5	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	0.0	13.0	13.0	NORMALE
4	171739070627	0.0	14.0	14.0	NORMALE
5	181839070180	0.0	14.5	14.5	NORMALE
6	181839065694	0.0	16.0	16.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	0.0	14.5	14.5	NORMALE
9	181839066179	0.0	14.0	14.0	NORMALE
10	181839062809	0.0	14.0	14.0	NORMALE
11	181839071373	0.0	14.0	14.0	NORMALE
12	181839066317	0.0	14.0	14.0	NORMALE
13	21891164010	0.0	15.0	15.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	14.0	14.0	NORMALE
16	181839069764	0.0	13.5	13.5	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	0.0	13.0	13.0	NORMALE
20	181839000907	0.0	16.0	16.0	NORMALE
21	171739081741	0.0	15.5	15.5	NORMALE
22	181839065367	0.0	14.0	14.0	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	0.0	14.0	14.0	NORMALE
25	171739066103	0.0	12.0	12.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	0.0	13.5	13.5	NORMALE
28	171739068659	0.0	14.0	14.0	NORMALE
29	181839065363	0.0	13.5	13.5	NORMALE
30	181839066332	0.0	14.0	14.0	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	15.0	15.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	0.0	15.0	15.0	NORMALE
35	19911863013	0.0	15.0	15.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	12.5	12.5	NORMALE
38	181839067108	0.0	16.0	16.0	NORMALE
39	171739073795	0.0	14.0	14.0	NORMALE
40	181839066218	0.0	14.5	14.5	NORMALE
41	151539069141	0.0	14.5	14.5	NORMALE
42	211439057433	0.0	13.0	13.0	NORMALE
43	161539069036	0.0	14.5	14.5	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP: Modélisation et Optimisation des Réseaux Electriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	0.0	10.5	10.5	NORMALE
3	181839065336	0.0	5.0	5.0	NORMALE
4	161639065771	0.0	5.0	5.0	NORMALE
5	181839062792	0.0	10.0	10.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	0.0	5.0	5.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	0.0	0.0	0.0	NORMALE
10	171739065582	0.0	0.0	0.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	0.0	10.25	10.25	NORMALE
13	16069056588	0.0	10.0	10.0	NORMALE
14	1697827783	0.0	10.25	10.25	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	0.0	10.25	10.25	NORMALE
18	181839068387	0.0	0.0	0.0	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	0.0	10.5	10.5	NORMALE
22	161639065379	0.0	7.5	7.5	NORMALE
23	171739065659	0.0	5.0	5.0	NORMALE
24	171739068720	0.0	5.5	5.5	NORMALE
25	181839068470	0.0	10.0	10.0	NORMALE
26	171739067318	0.0	10.0	10.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.0	5.0	5.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	0.0	10.25	10.25	NORMALE
32	181839066610	0.0	13.0	13.0	NORMALE
33	171739064467	0.0	7.0	7.0	NORMALE
34	171739075123	0.0	0.0	0.0	NORMALE
35	181839064896	0.0	13.0	13.0	NORMALE
36	181839062708	0.0	5.0	5.0	NORMALE
37	181839065323	0.0	10.0	10.0	NORMALE
38	21079066061	0.0	10.5	10.5	NORMALE
39	181839066141	0.0	5.0	5.0	NORMALE
40	2000499390	0.0	5.0	5.0	NORMALE
41	181839062895	0.0	10.0	10.0	NORMALE
42	181839065353	0.0	0.0	0.0	NORMALE
43	181839067061	0.0	10.5	10.5	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	0.0	10.25	10.25	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP: Modélisation et Optimisation des Réseaux Electriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	0.0	10.0	10.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	0.0	5.0	5.0	NORMALE
4	171739070627	0.0	10.0	10.0	NORMALE
5	181839070180	0.0	8.0	8.0	NORMALE
6	181839065694	0.0	11.0	11.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	0.0	2.5	2.5	NORMALE
9	181839066179	0.0	5.0	5.0	NORMALE
10	181839062809	0.0	2.5	2.5	NORMALE
11	181839071373	0.0	10.0	10.0	NORMALE
12	181839066317	0.0	5.0	5.0	NORMALE
13	21891164010	0.0	11.0	11.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	10.0	10.0	NORMALE
16	181839069764	0.0	5.0	5.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	0.0	5.0	5.0	NORMALE
20	181839000907	0.0	14.0	14.0	NORMALE
21	171739081741	0.0	5.5	5.5	NORMALE
22	181839065367	0.0	10.0	10.0	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	0.0	5.0	5.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	0.0	10.0	10.0	NORMALE
28	171739068659	0.0	5.0	5.0	NORMALE
29	181839065363	0.0	11.0	11.0	NORMALE
30	181839066332	0.0	10.5	10.5	NORMALE
31	171739064425	0.0	10.0	10.0	NORMALE
32	181839066644	0.0	5.5	5.5	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	0.0	8.0	8.0	NORMALE
35	19911863013	0.0	8.0	8.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	10.0	10.0	NORMALE
38	181839067108	0.0	14.0	14.0	NORMALE
39	171739073795	0.0	5.0	5.0	NORMALE
40	181839066218	0.0	10.5	10.5	NORMALE
41	151539069141	0.0	10.5	10.5	NORMALE
42	211439057433	0.0	5.0	5.0	NORMALE
43	161539069036	0.0	5.5	5.5	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Qualité de L' énergies Electriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	0.0	12.0	12.0	NORMALE
3	181839065336	0.0	4.0	4.0	NORMALE
4	161639065771	0.0	8.0	8.0	NORMALE
5	181839062792	0.0	12.0	12.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	0.0	12.0	12.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	0.0	4.0	4.0	NORMALE
10	171739065582	0.0	12.0	12.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	0.0	8.0	8.0	NORMALE
13	16069056588	0.0	12.25	12.25	NORMALE
14	1697827783	0.0	8.0	8.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	0.0	0.0	NORMALE
17	21109053861	0.0	8.0	8.0	NORMALE
18	181839068387	0.0	12.25	12.25	NORMALE
19	18129052789	0.0	10.0	10.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	0.0	12.0	12.0	NORMALE
22	161639065379	0.0	8.0	8.0	NORMALE
23	171739065659	0.0	15.0	15.0	NORMALE
24	171739068720	0.0	16.0	16.0	NORMALE
25	181839068470	0.0	4.0	4.0	NORMALE
26	171739067318	0.0	12.25	12.25	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.0	12.0	12.0	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	0.0	8.0	8.0	NORMALE
32	181839066610	0.0	16.0	16.0	NORMALE
33	171739064467	0.0	4.0	4.0	NORMALE
34	171739075123	0.0	4.0	4.0	NORMALE
35	181839064896	0.0	16.0	16.0	NORMALE
36	181839062708	0.0	0.0	0.0	NORMALE
37	181839065323	0.0	4.0	4.0	NORMALE
38	21079066061	0.0	12.0	12.0	NORMALE
39	181839066141	0.0	0.0	0.0	NORMALE
40	2000499390	0.0	12.25	12.25	NORMALE
41	181839062895	0.0	12.0	12.0	NORMALE
42	181839065353	0.0	4.0	4.0	NORMALE
43	181839067061	0.0	13.5	13.5	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.0	0.0	0.0	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	0.0	8.0	8.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP : Qualité de L' énergies Electriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739064587	0.0	4.0	4.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	0.0	4.0	4.0	NORMALE
4	171739070627	0.0	4.0	4.0	NORMALE
5	181839070180	0.0	12.5	12.5	NORMALE
6	181839065694	0.0	13.0	13.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	0.0	4.0	4.0	NORMALE
9	181839066179	0.0	4.0	4.0	NORMALE
10	181839062809	0.0	4.0	4.0	NORMALE
11	181839071373	0.0	4.0	4.0	NORMALE
12	181839066317	0.0	8.0	8.0	NORMALE
13	21891164010	0.0	8.0	8.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	4.0	4.0	NORMALE
16	181839069764	0.0	4.0	4.0	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	0.0	8.0	8.0	NORMALE
20	181839000907	0.0	18.5	18.5	NORMALE
21	171739081741	0.0	15.0	15.0	NORMALE
22	181839065367	0.0	10.75	10.75	NORMALE
23	181539078434	0.0	0.0	0.0	NORMALE
24	181839066539	0.0	8.0	8.0	NORMALE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	0.0	4.0	4.0	NORMALE
28	171739068659	0.0	8.0	8.0	NORMALE
29	181839065363	0.0	12.0	12.0	NORMALE
30	181839066332	0.0	10.75	10.75	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	0.0	7.0	7.0	NORMALE
33	181839063226	0.0	0.0	0.0	NORMALE
34	181839066599	0.0	12.5	12.5	NORMALE
35	19911863013	0.0	8.0	8.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	0.0	18.5	18.5	NORMALE
39	171739073795	0.0	4.0	4.0	NORMALE
40	181839066218	0.0	7.0	7.0	NORMALE
41	151539069141	0.0	12.0	12.0	NORMALE
42	211439057433	0.0	12.0	12.0	NORMALE
43	161539069036	0.0	12.0	12.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 24 sur 24

