



2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Anglais Technique et Terminologie / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

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

2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Anglais Technique et Terminologie / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Electronique de Puissance Avancée / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	7.0	16.0	10.6	NORMALE
3	181839065336	11.5	7.0	9.7	RATTRAPAGE
4	161639065771	9.0	7.0	8.2	RATTRAPAGE
5	181839062792	3.0	12.0	6.6	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	2.0	7.0	4.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	8.0	7.0	7.6	RATTRAPAGE
10	171739065582	1.0	7.0	3.4	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	10.0	9.0	9.6	NORMALE
13	16069056588	1.0	7.0	3.4	NORMALE
14	1697827783	0.0	9.0	3.6	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	1.0	12.0	5.4	NORMALE
17	21109053861	12.5	10.0	11.5	NORMALE
18	181839068387	1.5	7.0	3.7	RATTRAPAGE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	8.0	15.0	10.8	NORMALE
22	161639065379	1.0	7.0	3.4	NORMALE
23	171739065659	9.5	7.0	8.5	NORMALE
24	171739068720	11.5	7.0	9.7	RATTRAPAGE
25	181839068470	5.0	7.0	5.8	NORMALE
26	171739067318	1.0	7.0	3.4	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	4.5	7.0	5.5	RATTRAPAGE
29	161639075473	0.0	7.0	2.8	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	7.0	15.0	10.2	NORMALE
32	181839066610	3.0	7.0	4.6	NORMALE
33	171739064467	12.0	7.0	10.0	RATTRAPAGE
34	171739075123	3.0	7.0	4.6	NORMALE
35	181839064896	1.0	7.0	3.4	NORMALE
36	181839062708	8.0	7.0	7.6	RATTRAPAGE
37	181839065323	7.5	7.0	7.3	RATTRAPAGE
38	21079066061	10.5	9.0	9.9	RATTRAPAGE
39	181839066141	9.5	7.0	8.5	NORMALE
40	2000499390	5.0	7.0	5.8	NORMALE
41	181839062895	8.5	15.0	11.1	NORMALE
42	181839065353	11.5	7.0	9.7	RATTRAPAGE
43	181839067061	3.0	7.0	4.6	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	1.0	0.0	0.6	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	11.0	9.0	10.2	RATTRAPAGE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Electronique de Puissance Avancée / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739064587	13.5	10.0	12.1	RATTRAPAGE
2	181839062765	0.0	7.0	2.8	NORMALE
3	181839065352	11.0	7.0	9.4	RATTRAPAGE
4	171739070627	11.5	9.0	10.5	RATTRAPAGE
5	181839070180	6.0	7.0	6.4	NORMALE
6	181839065694	11.5	12.0	11.7	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	11.0	15.0	12.6	NORMALE
9	181839066179	3.0	11.0	6.2	NORMALE
10	181839062809	8.0	7.0	7.6	NORMALE
11	181839071373	1.0	7.0	3.4	NORMALE
12	181839066317	5.5	10.0	7.3	RATTRAPAGE
13	21891164010	3.0	14.0	7.4	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	4.0	7.0	5.2	NORMALE
16	181839069764	6.5	7.0	6.7	RATTRAPAGE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	9.5	7.0	8.5	RATTRAPAGE
20	181839000907	10.5	20.0	14.3	NORMALE
21	171739081741	8.0	10.0	8.8	NORMALE
22	181839065367	10.0	7.0	8.8	RATTRAPAGE
23	181539078434	1.0	7.0	3.4	NORMALE
24	181839066539	4.5	7.0	5.5	RATTRAPAGE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	12.5	7.0	10.3	RATTRAPAGE
28	171739068659	7.5	7.0	7.3	RATTRAPAGE
29	181839065363	12.5	7.0	10.3	RATTRAPAGE
30	181839066332	1.0	7.0	3.4	NORMALE
31	171739064425	1.0	7.0	3.4	NORMALE
32	181839066644	4.0	7.0	5.2	NORMALE
33	181839063226	1.0	0.0	0.6	NORMALE
34	181839066599	3.0	7.0	4.6	NORMALE
35	19911863013	3.0	7.0	4.6	RATTRAPAGE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	11.0	15.0	12.6	NORMALE
39	171739073795	1.0	7.0	3.4	NORMALE
40	181839066218	5.5	10.0	7.3	NORMALE
41	151539069141	8.5	7.0	7.9	RATTRAPAGE
42	211439057433	5.5	7.0	6.1	RATTRAPAGE
43	161539069036	3.0	7.0	4.6	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	1.0	7.0	3.4	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	1.0	7.0	3.4	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Energies Renouvelables / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	11.25	0.0	11.25	NORMALE
2	181839066557	10.25	0.0	10.25	NORMALE
3	181839065336	6.0	0.0	6.0	NORMALE
4	161639065771	11.5	0.0	11.5	RATTRAPAGE
5	181839062792	13.0	0.0	13.0	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	9.0	0.0	9.0	RATTRAPAGE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	9.0	0.0	9.0	RATTRAPAGE
10	171739065582	5.5	0.0	5.5	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	11.0	0.0	11.0	NORMALE
13	16069056588	7.0	0.0	7.0	NORMALE
14	1697827783	6.5	0.0	6.5	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	9.0	0.0	9.0	RATTRAPAGE
17	21109053861	18.0	0.0	18.0	NORMALE
18	181839068387	8.5	0.0	8.5	NORMALE
19	18129052789	15.0	0.0	15.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	8.25	0.0	8.25	NORMALE
22	161639065379	10.0	0.0	10.0	RATTRAPAGE
23	171739065659	15.0	0.0	15.0	NORMALE
24	171739068720	8.0	0.0	8.0	NORMALE
25	181839068470	13.0	0.0	13.0	RATTRAPAGE
26	171739067318	7.0	0.0	7.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	10.0	0.0	10.0	RATTRAPAGE
29	161639075473	7.0	0.0	7.0	NORMALE
30	171739068656	15.0	0.0	15.0	NORMALE
31	181839063289	9.25	0.0	9.25	NORMALE
32	181839066610	7.5	0.0	7.5	NORMALE
33	171739064467	15.0	0.0	15.0	NORMALE
34	171739075123	10.5	0.0	10.5	NORMALE
35	181839064896	9.25	0.0	9.25	NORMALE
36	181839062708	9.0	0.0	9.0	RATTRAPAGE
37	181839065323	10.0	0.0	10.0	RATTRAPAGE
38	21079066061	10.0	0.0	10.0	NORMALE
39	181839066141	6.5	0.0	6.5	NORMALE
40	2000499390	10.5	0.0	10.5	NORMALE
41	181839062895	12.75	0.0	12.75	NORMALE
42	181839065353	13.75	0.0	13.75	NORMALE
43	181839067061	7.0	0.0	7.0	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	4.0	0.0	4.0	NORMALE
47	151539053510	5.0	0.0	5.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	13.0	0.0	13.0	RATTRAPAGE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Energies Renouvelables / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Informatique et Programmation / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	11.0	0.0	11.0	NORMALE
2	181839066557	11.5	0.0	11.5	NORMALE
3	181839065336	15.0	0.0	15.0	NORMALE
4	161639065771	10.5	0.0	10.5	NORMALE
5	181839062792	12.5	0.0	12.5	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	11.0	0.0	11.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	11.0	0.0	11.0	NORMALE
10	171739065582	10.0	0.0	10.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	15.5	0.0	15.5	NORMALE
13	16069056588	11.0	0.0	11.0	NORMALE
14	1697827783	12.5	0.0	12.5	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	8.0	0.0	8.0	NORMALE
17	21109053861	11.0	0.0	11.0	NORMALE
18	181839068387	9.0	0.0	9.0	RATTRAPAGE
19	18129052789	15.0	0.0	15.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	12.0	0.0	12.0	NORMALE
22	161639065379	13.0	0.0	13.0	RATTRAPAGE
23	171739065659	13.0	0.0	13.0	NORMALE
24	171739068720	12.0	0.0	12.0	NORMALE
25	181839068470	11.0	0.0	11.0	NORMALE
26	171739067318	5.0	0.0	5.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	11.0	0.0	11.0	RATTRAPAGE
29	161639075473	7.5	0.0	7.5	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	9.0	0.0	9.0	NORMALE
32	181839066610	12.5	0.0	12.5	NORMALE
33	171739064467	12.5	0.0	12.5	NORMALE
34	171739075123	11.0	0.0	11.0	NORMALE
35	181839064896	15.0	0.0	15.0	NORMALE
36	181839062708	18.0	0.0	18.0	RATTRAPAGE
37	181839065323	10.0	0.0	10.0	NORMALE
38	21079066061	14.0	0.0	14.0	RATTRAPAGE
39	181839066141	15.0	0.0	15.0	NORMALE
40	2000499390	15.0	0.0	15.0	NORMALE
41	181839062895	13.0	0.0	13.0	NORMALE
42	181839065353	12.0	0.0	12.0	NORMALE
43	181839067061	12.5	0.0	12.5	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	7.5	0.0	7.5	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:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Informatique et Programmation / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739064587	14.0	0.0	14.0	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	15.5	0.0	15.5	NORMALE
4	171739070627	12.0	0.0	12.0	NORMALE
5	181839070180	10.0	0.0	10.0	NORMALE
6	181839065694	13.0	0.0	13.0	RATTRAPAGE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	9.0	0.0	9.0	NORMALE
9	181839066179	15.5	0.0	15.5	NORMALE
10	181839062809	17.5	0.0	17.5	NORMALE
11	181839071373	9.5	0.0	9.5	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	11.0	0.0	11.0	NORMALE
16	181839069764	10.0	0.0	10.0	RATTRAPAGE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	12.0	0.0	12.0	NORMALE
20	181839000907	16.5	0.0	16.5	NORMALE
21	171739081741	16.5	0.0	16.5	NORMALE
22	181839065367	15.0	0.0	15.0	NORMALE
23	181539078434	7.5	0.0	7.5	NORMALE
24	181839066539	11.0	0.0	11.0	NORMALE
25	171739066103	10.25	0.0	10.25	NORMALE
26	200809052028	11.0	0.0	11.0	NORMALE
27	181839068466	10.0	0.0	10.0	NORMALE
28	171739068659	15.0	0.0	15.0	NORMALE
29	181839065363	10.0	0.0	10.0	NORMALE
30	181839066332	13.0	0.0	13.0	NORMALE
31	171739064425	12.0	0.0	12.0	NORMALE
32	181839066644	12.0	0.0	12.0	NORMALE
33	181839063226	10.0	0.0	10.0	NORMALE
34	181839066599	15.0	0.0	15.0	NORMALE
35	19911863013	11.0	0.0	11.0	RATTRAPAGE
36	171739066758	13.0	0.0	13.0	NORMALE
37	171739065598	13.5	0.0	13.5	NORMALE
38	181839067108	14.0	0.0	14.0	NORMALE
39	171739073795	12.5	0.0	12.5	NORMALE
40	181839066218	15.0	0.0	15.0	NORMALE
41	151539069141	11.0	0.0	11.0	RATTRAPAGE
42	211439057433	13.0	0.0	13.0	RATTRAPAGE
43	161539069036	11.0	0.0	11.0	RATTRAPAGE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	5.0	0.0	5.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Machines Electriques Approfondies / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	3.0	14.95	7.78	NORMALE
3	181839065336	1.5	4.23	2.59	RATTRAPAGE
4	161639065771	4.5	11.55	7.32	RATTRAPAGE
5	181839062792	3.5	7.53	5.11	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	1.5	10.0	4.9	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	1.5	7.53	3.91	RATTRAPAGE
10	171739065582	0.0	4.23	1.69	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	4.0	11.05	6.82	NORMALE
13	16069056588	3.0	11.3	6.32	NORMALE
14	1697827783	2.5	12.1	6.34	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	2.0	0.0	1.2	NORMALE
17	21109053861	4.5	14.25	8.4	NORMALE
18	181839068387	1.5	10.0	4.9	RATTRAPAGE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	2.5	12.35	6.44	NORMALE
22	161639065379	5.0	4.23	4.69	RATTRAPAGE
23	171739065659	4.5	15.65	8.96	NORMALE
24	171739068720	1.5	11.05	5.32	RATTRAPAGE
25	181839068470	4.0	14.57	8.23	NORMALE
26	171739067318	0.0	4.23	1.69	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	1.5	10.0	4.9	RATTRAPAGE
29	161639075473	0.5	7.53	3.31	RATTRAPAGE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	5.0	13.9	8.56	NORMALE
32	181839066610	2.5	10.0	5.5	NORMALE
33	171739064467	3.0	10.0	5.8	RATTRAPAGE
34	171739075123	2.5	7.53	4.51	RATTRAPAGE
35	181839064896	5.0	11.12	7.45	NORMALE
36	181839062708	1.5	8.35	4.24	NORMALE
37	181839065323	8.0	13.17	10.07	RATTRAPAGE
38	21079066061	6.5	10.62	8.15	RATTRAPAGE
39	181839066141	8.0	13.55	10.22	NORMALE
40	2000499390	3.0	14.57	7.63	NORMALE
41	181839062895	2.5	11.87	6.25	NORMALE
42	181839065353	2.5	0.0	1.5	RATTRAPAGE
43	181839067061	3.5	13.17	7.37	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	12.6	6.84	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Machines Electriques Approfondies / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739064587	1.5	4.23	2.59	RATTRAPAGE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	2.0	4.23	2.89	RATTRAPAGE
4	171739070627	4.5	11.55	7.32	NORMALE
5	181839070180	2.0	6.7	3.88	RATTRAPAGE
6	181839065694	3.0	11.3	6.32	RATTRAPAGE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	5.5	8.83	6.83	RATTRAPAGE
9	181839066179	3.5	11.55	6.72	NORMALE
10	181839062809	2.0	12.25	6.1	NORMALE
11	181839071373	0.0	7.53	3.01	NORMALE
12	181839066317	3.0	10.0	5.8	RATTRAPAGE
13	21891164010	5.5	18.2	10.58	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	3.0	11.05	6.22	RATTRAPAGE
16	181839069764	1.0	7.53	3.61	RATTRAPAGE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.5	0.0	0.3	NORMALE
19	181839063920	5.5	11.55	7.92	RATTRAPAGE
20	181839000907	9.0	17.05	12.22	NORMALE
21	171739081741	8.0	11.05	9.22	NORMALE
22	181839065367	1.0	8.83	4.13	RATTRAPAGE
23	181539078434	1.0	0.0	0.6	NORMALE
24	181839066539	2.5	10.47	5.69	RATTRAPAGE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	1.5	10.0	4.9	NORMALE
28	171739068659	6.0	11.35	8.14	RATTRAPAGE
29	181839065363	1.5	7.53	3.91	RATTRAPAGE
30	181839066332	4.5	13.17	7.97	NORMALE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	2.5	11.05	5.92	NORMALE
33	181839063226	0.5	0.0	0.3	NORMALE
34	181839066599	3.5	10.62	6.35	NORMALE
35	19911863013	3.0	14.7	7.68	RATTRAPAGE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	6.5	15.93	10.27	NORMALE
39	171739073795	1.5	13.05	6.12	RATTRAPAGE
40	181839066218	2.5	12.95	6.68	NORMALE
41	151539069141	2.0	10.0	5.2	RATTRAPAGE
42	211439057433	1.5	10.83	5.23	RATTRAPAGE
43	161539069036	2.5	11.87	6.25	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	7.53	3.01	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	4.0	12.0	7.2	NORMALE
3	181839065336	2.0	6.0	3.6	RATTRAPAGE
4	161639065771	10.0	7.0	8.8	NORMALE
5	181839062792	11.0	18.0	13.8	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	1.0	7.0	3.4	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	2.0	6.0	3.6	NORMALE
10	171739065582	13.0	6.0	10.2	RATTRAPAGE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	4.0	6.0	4.8	NORMALE
13	16069056588	1.0	7.0	3.4	NORMALE
14	1697827783	0.0	0.0	0.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	2.0	0.0	1.2	NORMALE
17	21109053861	13.0	11.5	12.4	NORMALE
18	181839068387	0.5	7.0	3.1	NORMALE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	2.0	11.0	5.6	NORMALE
22	161639065379	0.5	6.0	2.7	NORMALE
23	171739065659	6.0	15.0	9.6	NORMALE
24	171739068720	2.0	11.0	5.6	NORMALE
25	181839068470	8.0	12.0	9.6	RATTRAPAGE
26	171739067318	3.0	7.0	4.6	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.5	11.0	4.7	NORMALE
29	161639075473	0.0	0.0	0.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	4.0	13.0	7.6	NORMALE
32	181839066610	10.0	13.0	11.2	NORMALE
33	171739064467	2.0	10.5	5.4	RATTRAPAGE
34	171739075123	2.0	6.0	3.6	NORMALE
35	181839064896	4.0	10.0	6.4	NORMALE
36	181839062708	3.0	0.0	1.8	RATTRAPAGE
37	181839065323	8.0	11.5	9.4	RATTRAPAGE
38	21079066061	2.0	7.0	4.0	RATTRAPAGE
39	181839066141	10.0	12.0	10.8	NORMALE
40	2000499390	2.0	9.0	4.8	NORMALE
41	181839062895	10.0	14.0	11.6	NORMALE
42	181839065353	3.0	6.0	4.2	RATTRAPAGE
43	181839067061	7.0	11.0	8.6	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	0.5	0.0	0.3	NORMALE
47	151539053510	0.0	0.0	0.0	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	2.0	10.0	5.2	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

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

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739064587	1.0	10.5	4.8	NORMALE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	1.0	6.0	3.0	NORMALE
4	171739070627	6.0	6.0	6.0	NORMALE
5	181839070180	3.0	7.0	4.6	NORMALE
6	181839065694	3.0	12.5	6.8	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	10.0	13.5	11.4	RATTRAPAGE
9	181839066179	2.0	12.0	6.0	NORMALE
10	181839062809	6.0	8.0	6.8	NORMALE
11	181839071373	0.5	6.0	2.7	NORMALE
12	181839066317	8.0	10.0	8.8	RATTRAPAGE
13	21891164010	12.0	12.0	12.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	9.0	11.0	9.8	RATTRAPAGE
16	181839069764	0.5	6.0	2.7	NORMALE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.5	0.0	0.3	NORMALE
19	181839063920	4.0	1.0	2.8	NORMALE
20	181839000907	14.0	17.5	15.4	NORMALE
21	171739081741	11.0	7.0	9.4	NORMALE
22	181839065367	1.0	6.0	3.0	NORMALE
23	181539078434	0.5	0.0	0.3	NORMALE
24	181839066539	3.5	6.0	4.5	RATTRAPAGE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	2.0	6.0	3.6	NORMALE
28	171739068659	4.0	4.0	4.0	NORMALE
29	181839065363	1.0	7.0	3.4	NORMALE
30	181839066332	2.0	8.0	4.4	RATTRAPAGE
31	171739064425	0.0	0.0	0.0	NORMALE
32	181839066644	3.0	10.0	5.8	NORMALE
33	181839063226	0.5	0.0	0.3	NORMALE
34	181839066599	6.0	11.0	8.0	NORMALE
35	19911863013	2.0	7.0	4.0	RATTRAPAGE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	20.0	18.0	19.2	NORMALE
39	171739073795	2.0	6.0	3.6	NORMALE
40	181839066218	3.0	9.0	5.4	NORMALE
41	151539069141	4.0	7.0	5.2	NORMALE
42	211439057433	2.0	7.0	4.0	RATTRAPAGE
43	161539069036	0.5	3.0	1.5	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	0.0	0.0	NORMALE
46	21109042023	0.5	0.0	0.3	NORMALE
47	21129049361	0.5	6.0	2.7	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière:  $\mu$ -Processeurs et  $\mu$ -Contrôleurs / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	10.0	0.0	10.0	NORMALE
3	181839065336	7.0	0.0	7.0	NORMALE
4	161639065771	10.0	0.0	10.0	NORMALE
5	181839062792	8.0	0.0	8.0	NORMALE
6	181839069821	10.0	0.0	10.0	RATTRAPAGE
7	181839066319	10.0	0.0	10.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	6.0	0.0	6.0	NORMALE
10	171739065582	6.0	0.0	6.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	13.0	0.0	13.0	NORMALE
13	16069056588	13.5	0.0	13.5	NORMALE
14	1697827783	8.5	0.0	8.5	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	8.0	0.0	8.0	NORMALE
17	21109053861	10.0	0.0	10.0	NORMALE
18	181839068387	7.0	0.0	7.0	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	12.5	0.0	12.5	RATTRAPAGE
23	171739065659	15.0	0.0	15.0	NORMALE
24	171739068720	8.5	0.0	8.5	NORMALE
25	181839068470	7.5	0.0	7.5	NORMALE
26	171739067318	10.0	0.0	10.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	8.0	0.0	8.0	NORMALE
29	161639075473	8.0	0.0	8.0	RATTRAPAGE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	10.0	0.0	10.0	NORMALE
32	181839066610	13.0	0.0	13.0	NORMALE
33	171739064467	10.0	0.0	10.0	NORMALE
34	171739075123	11.0	0.0	11.0	NORMALE
35	181839064896	7.0	0.0	7.0	NORMALE
36	181839062708	12.0	0.0	12.0	NORMALE
37	181839065323	11.0	0.0	11.0	NORMALE
38	21079066061	10.0	0.0	10.0	NORMALE
39	181839066141	16.0	0.0	16.0	NORMALE
40	2000499390	10.0	0.0	10.0	NORMALE
41	181839062895	8.0	0.0	8.0	NORMALE
42	181839065353	10.0	0.0	10.0	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	8.0	0.0	8.0	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	RATTRAPAGE
50	201439056335	0.0	0.0	0.0	NORMALE

2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière:  $\mu$ -Processeurs et  $\mu$ -Contrôleurs / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	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	10.0	0.0	10.0	NORMALE
5	181839070180	8.5	0.0	8.5	NORMALE
6	181839065694	10.0	0.0	10.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	10.0	0.0	10.0	NORMALE
9	181839066179	11.0	0.0	11.0	NORMALE
10	181839062809	8.0	0.0	8.0	NORMALE
11	181839071373	6.0	0.0	6.0	NORMALE
12	181839066317	8.0	0.0	8.0	NORMALE
13	21891164010	11.0	0.0	11.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	10.0	0.0	10.0	NORMALE
16	181839069764	8.0	0.0	8.0	RATTRAPAGE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	5.0	0.0	5.0	NORMALE
19	181839063920	9.0	0.0	9.0	NORMALE
20	181839000907	18.0	0.0	18.0	NORMALE
21	171739081741	12.0	0.0	12.0	NORMALE
22	181839065367	6.0	0.0	6.0	NORMALE
23	181539078434	6.0	0.0	6.0	NORMALE
24	181839066539	12.0	0.0	12.0	NORMALE
25	171739066103	10.0	0.0	10.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	10.0	0.0	10.0	NORMALE
28	171739068659	11.0	0.0	11.0	NORMALE
29	181839065363	10.0	0.0	10.0	NORMALE
30	181839066332	13.0	0.0	13.0	NORMALE
31	171739064425	6.5	0.0	6.5	NORMALE
32	181839066644	8.5	0.0	8.5	NORMALE
33	181839063226	8.5	0.0	8.5	NORMALE
34	181839066599	10.0	0.0	10.0	NORMALE
35	19911863013	11.0	0.0	11.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	11.5	0.0	11.5	NORMALE
39	171739073795	8.0	0.0	8.0	NORMALE
40	181839066218	10.5	0.0	10.5	NORMALE
41	151539069141	10.0	0.0	10.0	NORMALE
42	211439057433	6.0	0.0	6.0	NORMALE
43	161539069036	6.0	0.0	6.0	NORMALE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	8.0	0.0	8.0	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: Réseaux de Transport et de Distribution D'énergie Electrique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	0.0	0.0	NORMALE
2	181839066557	13.25	7.0	10.75	NORMALE
3	181839065336	12.0	7.0	10.0	RATTRAPAGE
4	161639065771	19.25	11.0	15.95	RATTRAPAGE
5	181839062792	11.5	9.0	10.5	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	6.0	10.0	7.6	RATTRAPAGE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	4.75	7.0	5.65	RATTRAPAGE
10	171739065582	8.0	7.0	7.6	RATTRAPAGE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	10.0	10.0	10.0	NORMALE
13	16069056588	12.5	7.0	10.3	NORMALE
14	1697827783	15.0	15.0	15.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	7.5	7.0	7.3	RATTRAPAGE
17	21109053861	12.0	19.0	14.8	NORMALE
18	181839068387	14.5	7.0	11.5	RATTRAPAGE
19	18129052789	0.0	0.0	0.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	8.0	10.0	8.8	NORMALE
22	161639065379	18.0	7.0	13.6	RATTRAPAGE
23	171739065659	11.0	12.0	11.4	NORMALE
24	171739068720	16.0	10.0	13.6	RATTRAPAGE
25	181839068470	10.0	8.0	9.2	NORMALE
26	171739067318	0.0	0.0	0.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	10.0	7.0	8.8	RATTRAPAGE
29	161639075473	5.0	0.0	3.0	NORMALE
30	171739068656	0.0	0.0	0.0	NORMALE
31	181839063289	14.75	15.5	15.05	NORMALE
32	181839066610	7.25	10.0	8.35	NORMALE
33	171739064467	5.0	7.0	5.8	RATTRAPAGE
34	171739075123	8.0	7.0	7.6	RATTRAPAGE
35	181839064896	6.25	10.0	7.75	NORMALE
36	181839062708	7.0	7.0	7.0	RATTRAPAGE
37	181839065323	12.0	7.0	10.0	NORMALE
38	21079066061	10.0	11.0	10.4	RATTRAPAGE
39	181839066141	12.0	18.0	14.4	NORMALE
40	2000499390	8.5	7.0	7.9	NORMALE
41	181839062895	6.0	9.0	7.2	NORMALE
42	181839065353	13.25	7.0	10.75	NORMALE
43	181839067061	12.75	16.0	14.05	NORMALE
44	181839070828	0.0	0.0	0.0	NORMALE
45	211539077004	0.0	0.0	0.0	NORMALE
46	211539079155	2.0	7.0	4.0	NORMALE
47	151539053510	3.0	0.0	1.8	NORMALE
48	211439067136	0.0	0.0	0.0	NORMALE
49	1692332004	16.0	10.0	13.6	RATTRAPAGE
50	201439056335	0.0	0.0	0.0	NORMALE

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: Réseaux de Transport et de Distribution D'énergie Electrique / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739064587	17.0	17.0	17.0	RATTRAPAGE
2	181839062765	0.0	0.0	0.0	NORMALE
3	181839065352	10.0	7.0	8.8	RATTRAPAGE
4	171739070627	10.5	7.0	9.1	RATTRAPAGE
5	181839070180	10.0	7.0	8.8	RATTRAPAGE
6	181839065694	10.0	10.0	10.0	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	17.5	10.0	14.5	RATTRAPAGE
9	181839066179	12.75	10.0	11.65	NORMALE
10	181839062809	14.25	7.0	11.35	NORMALE
11	181839071373	2.0	7.0	4.0	NORMALE
12	181839066317	10.0	7.0	8.8	RATTRAPAGE
13	21891164010	10.0	13.0	11.2	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	12.0	7.0	10.0	RATTRAPAGE
16	181839069764	4.0	7.0	5.2	RATTRAPAGE
17	171739070058	0.0	0.0	0.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	14.5	7.0	11.5	NORMALE
20	181839000907	18.0	18.5	18.2	NORMALE
21	171739081741	12.0	14.0	12.8	NORMALE
22	181839065367	5.0	9.0	6.6	NORMALE
23	181539078434	2.0	7.0	4.0	NORMALE
24	181839066539	9.25	7.0	8.35	RATTRAPAGE
25	171739066103	0.0	0.0	0.0	NORMALE
26	200809052028	0.0	0.0	0.0	NORMALE
27	181839068466	14.5	7.0	11.5	NORMALE
28	171739068659	12.0	7.0	10.0	RATTRAPAGE
29	181839065363	11.5	7.0	9.7	RATTRAPAGE
30	181839066332	8.25	10.0	8.95	NORMALE
31	171739064425	2.0	7.0	4.0	NORMALE
32	181839066644	13.5	13.0	13.3	NORMALE
33	181839063226	0.0	8.0	3.2	NORMALE
34	181839066599	10.0	14.0	11.6	NORMALE
35	19911863013	7.5	8.0	7.7	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	0.0	0.0	NORMALE
38	181839067108	15.5	12.0	14.1	NORMALE
39	171739073795	4.0	8.0	5.6	RATTRAPAGE
40	181839066218	15.5	11.5	13.9	NORMALE
41	151539069141	14.5	8.0	11.9	RATTRAPAGE
42	211439057433	7.75	7.0	7.45	NORMALE
43	161539069036	5.0	7.0	5.8	RATTRAPAGE
44	161539066175	0.0	0.0	0.0	NORMALE
45	211539078542	0.0	7.0	2.8	NORMALE
46	21109042023	0.0	0.0	0.0	NORMALE
47	21129049361	0.0	0.0	0.0	NORMALE

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	171739070634	0.0	10.5	10.5	NORMALE
2	181839066557	0.0	13.5	13.5	NORMALE
3	181839065336	0.0	10.5	10.5	NORMALE
4	161639065771	0.0	10.5	10.5	NORMALE
5	181839062792	0.0	13.5	13.5	NORMALE
6	181839069821	0.0	0.0	0.0	NORMALE
7	181839066319	0.0	14.0	14.0	NORMALE
8	171739066219	0.0	0.0	0.0	NORMALE
9	181839065370	0.0	10.0	10.0	NORMALE
10	171739065582	0.0	10.0	10.0	NORMALE
11	181839070270	0.0	0.0	0.0	NORMALE
12	2199928746	0.0	10.0	10.0	NORMALE
13	16069056588	0.0	12.0	12.0	NORMALE
14	1697827783	0.0	10.0	10.0	NORMALE
15	181839066267	0.0	0.0	0.0	NORMALE
16	181839066513	0.0	11.5	11.5	NORMALE
17	21109053861	0.0	14.0	14.0	NORMALE
18	181839068387	0.0	12.5	12.5	NORMALE
19	18129052789	0.0	10.0	10.0	NORMALE
20	171739082193	0.0	0.0	0.0	NORMALE
21	181839066181	0.0	11.5	11.5	NORMALE
22	161639065379	0.0	11.0	11.0	NORMALE
23	171739065659	0.0	17.0	17.0	NORMALE
24	171739068720	0.0	12.0	12.0	NORMALE
25	181839068470	0.0	12.5	12.5	NORMALE
26	171739067318	0.0	11.0	11.0	NORMALE
27	181839065366	0.0	0.0	0.0	NORMALE
28	181839073636	0.0	14.5	14.5	NORMALE
29	161639075473	0.0	6.5	6.5	NORMALE
30	171739068656	0.0	11.75	11.75	NORMALE
31	181839063289	0.0	10.0	10.0	NORMALE
32	181839066610	0.0	12.0	12.0	NORMALE
33	171739064467	0.0	10.0	10.0	NORMALE
34	171739075123	0.0	14.0	14.0	NORMALE
35	181839064896	0.0	14.0	14.0	NORMALE
36	181839062708	0.0	13.0	13.0	NORMALE
37	181839065323	0.0	13.5	13.5	NORMALE
38	21079066061	0.0	14.5	14.5	NORMALE
39	181839066141	0.0	15.25	15.25	NORMALE
40	2000499390	0.0	16.0	16.0	NORMALE
41	181839062895	0.0	13.5	13.5	NORMALE
42	181839065353	0.0	10.0	10.0	NORMALE
43	181839067061	0.0	12.0	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	0.0	10.0	10.0	NORMALE
50	201439056335	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

#	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	12.0	12.0	NORMALE
4	171739070627	0.0	10.0	10.0	NORMALE
5	181839070180	0.0	17.0	17.0	NORMALE
6	181839065694	0.0	14.5	14.5	NORMALE
7	181839070827	0.0	0.0	0.0	NORMALE
8	171739068539	0.0	15.0	15.0	NORMALE
9	181839066179	0.0	15.0	15.0	NORMALE
10	181839062809	0.0	12.5	12.5	NORMALE
11	181839071373	0.0	12.0	12.0	NORMALE
12	181839066317	0.0	16.0	16.0	NORMALE
13	21891164010	0.0	12.0	12.0	NORMALE
14	181839064897	0.0	0.0	0.0	NORMALE
15	181839065324	0.0	12.0	12.0	NORMALE
16	181839069764	0.0	12.5	12.5	NORMALE
17	171739070058	0.0	8.0	8.0	NORMALE
18	161639071780	0.0	0.0	0.0	NORMALE
19	181839063920	0.0	12.0	12.0	NORMALE
20	181839000907	0.0	18.5	18.5	NORMALE
21	171739081741	0.0	12.0	12.0	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	13.5	13.5	NORMALE
26	200809052028	0.0	11.25	11.25	NORMALE
27	181839068466	0.0	13.0	13.0	NORMALE
28	171739068659	0.0	16.0	16.0	NORMALE
29	181839065363	0.0	10.5	10.5	NORMALE
30	181839066332	0.0	10.0	10.0	NORMALE
31	171739064425	0.0	11.0	11.0	NORMALE
32	181839066644	0.0	10.0	10.0	NORMALE
33	181839063226	0.0	9.5	9.5	NORMALE
34	181839066599	0.0	12.0	12.0	NORMALE
35	19911863013	0.0	14.0	14.0	NORMALE
36	171739066758	0.0	0.0	0.0	NORMALE
37	171739065598	0.0	13.0	13.0	NORMALE
38	181839067108	0.0	14.5	14.5	NORMALE
39	171739073795	0.0	11.5	11.5	NORMALE
40	181839066218	0.0	13.75	13.75	NORMALE
41	151539069141	0.0	11.5	11.5	NORMALE
42	211439057433	0.0	13.0	13.0	NORMALE
43	161539069036	0.0	11.0	11.0	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	10.0	10.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

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

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: TP :  $\mu$ -Processeurs et  $\mu$ -Contrôleurs / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2019

Matière: TP :  $\mu$ -Processeurs et  $\mu$ -Contrôleurs / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: TP : Réseaux de Transport et de Distribution D'énergie Electrique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique  
réseaux électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 المؤرخ في 09 أوت 2021

Matière: TP : Réseaux de Transport et de Distribution D'énergie Electrique / Section A / 2

**PV de délibération par matière (Session Rattrapage)**

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

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