



2021/2022

Filière: electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2012 قرار رقم 1212 للموزع في 09 أوت 2012

Matière: Anglais Technique et Terminologie / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Anglais Technique et Terminologie / Section A / 2

PV de délibération par matière (Session Normale)

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Electronique de Puissance Avancée / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Electronique de Puissance Avancée / Section A / 2

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Energies Renouvelables / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Energies Renouvelables / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	21039047919	12.0	0.0	12.0	NORMALE
2	171739070781	0.0	0.0	0.0	NORMALE
3	181839067834	7.0	0.0	7.0	NORMALE
4	181839063270	0.0	0.0	0.0	NORMALE
5	171739071167	10.0	0.0	10.0	NORMALE
6	161639075193	17.5	0.0	17.5	NORMALE
7	181839071389	8.0	0.0	8.0	NORMALE
8	181839065333	9.5	0.0	9.5	NORMALE
9	171739073738	4.0	0.0	4.0	NORMALE
10	181839062787	5.5	0.0	5.5	NORMALE
11	181839069899	9.25	0.0	9.25	NORMALE
12	161639072348	5.5	0.0	5.5	NORMALE
13	161639068696	0.0	0.0	0.0	NORMALE
14	161639066415	10.0	0.0	10.0	NORMALE
15	181839065194	10.0	0.0	10.0	NORMALE
16	181839071497	12.5	0.0	12.5	NORMALE
17	181839065700	7.67	0.0	7.67	NORMALE
18	181839069911	6.0	0.0	6.0	NORMALE
19	181839063258	0.0	0.0	0.0	NORMALE
20	181839069704	5.0	0.0	5.0	NORMALE
21	171739075208	11.25	0.0	11.25	NORMALE
22	181839063017	8.0	0.0	8.0	NORMALE
23	181839071607	10.75	0.0	10.75	NORMALE
24	181839050144	7.0	0.0	7.0	NORMALE
25	21069060526	6.0	0.0	6.0	NORMALE
26	181839080218	7.0	0.0	7.0	NORMALE
27	18119049455	8.0	0.0	8.0	NORMALE
28	171739069248	10.0	0.0	10.0	NORMALE
29	181839071447	2.5	0.0	2.5	NORMALE
30	171739066722	0.0	0.0	0.0	NORMALE
31	171739051910	10.5	0.0	10.5	NORMALE
32	161639073798	2.0	0.0	2.0	NORMALE
33	181839064845	0.0	0.0	0.0	NORMALE
34	181839066299	0.0	0.0	0.0	NORMALE
35	21109046356	11.5	0.0	11.5	NORMALE
36	211439059495	0.0	0.0	0.0	NORMALE
37	21129045971	10.0	0.0	10.0	NORMALE
38	211439061314	6.0	0.0	6.0	NORMALE
39	161539077044	13.75	0.0	13.75	NORMALE
40	211339047625	13.5	0.0	13.5	NORMALE

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Informatique et Programmation / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Informatique et Programmation / Section A / 2

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Machines Electriques Approfondies / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Machines Electriques Approfondies / Section A / 2

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 للموزع في 09 أوت N°

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

PV de délibération par matière (Session Normale)

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Réseaux de Transport et de Distribution D'énergies Electriques / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: Réseaux de Transport et de Distribution D'énergies Electriques / Section A / 2

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

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

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: TP :Réseaux de Transport et de Distribution D'énergies Electriques / Section A / 1

PV de délibération par matière (Session Normale)

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

2021/2022

Filière: electrotechnique
machines électriques

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

Matière: TP :Réseaux de Transport et de Distribution D'énergies Electriques / Section A / 2

PV de délibération par matière (Session Normale)

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