

2021/2022

Filière: electrotechnique
commandes électriques

Matière: Asservissements échantillonnés et Régulation numérique / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	12.5	13.0	12.7	NORMALE
2	181839066566	4.0	6.0	4.8	NORMALE
3	181839071029	4.0	8.5	5.8	NORMALE
4	181839063983	1.0	0.0	0.6	NORMALE
5	181839062753	1.0	0.0	0.6	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	10.0	9.0	9.6	NORMALE
9	181839071971	4.0	7.0	5.2	NORMALE
10	171739076623	3.0	0.0	1.8	NORMALE
11	171739068675	0.0	0.0	0.0	NORMALE
12	181839069896	2.5	8.0	4.7	NORMALE
13	20119034996	9.0	8.5	8.8	NORMALE
14	181839069387	2.0	6.0	3.6	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	8.0	6.0	7.2	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	2.0	8.0	4.4	NORMALE
19	181839073067	11.0	6.5	9.2	NORMALE
20	171739067705	5.0	6.5	5.6	NORMALE
21	171739064457	4.5	6.5	5.3	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	10.5	13.0	11.5	NORMALE
25	2195320242	0.0	0.0	0.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	8.5	11.5	9.7	NORMALE
28	181839067622	10.5	7.5	9.3	NORMALE
29	181839066208	11.0	9.0	10.2	NORMALE
30	181839070186	7.5	8.0	7.7	NORMALE
31	181839068824	2.5	6.0	3.9	NORMALE
32	181839066500	10.5	8.5	9.7	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	5.5	9.5	7.1	NORMALE
35	161639066786	2.0	8.0	4.4	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	8.0	8.0	8.0	NORMALE
38	171739071467	5.0	7.5	6.0	NORMALE
39	181839065292	10.5	10.0	10.3	NORMALE
40	151539069434	0.0	0.0	0.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	2.0	0.0	1.2	NORMALE

2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Asservissements échantillonnés et Régulation numérique / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	11.5	10.0	10.9	NORMALE
2	171739065620	6.0	7.0	6.4	NORMALE
3	171739064586	15.5	16.5	15.9	NORMALE
4	171739068320	8.0	8.5	8.2	NORMALE
5	181839070282	9.0	8.5	8.8	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	5.5	10.5	7.5	NORMALE
8	181839068233	8.0	12.5	9.8	NORMALE
9	181839065205	4.5	6.0	5.1	NORMALE
10	161639083438	5.0	6.0	5.4	NORMALE
11	181839080164	3.0	6.0	4.2	NORMALE
12	171739066731	0.0	0.0	0.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	9.5	9.5	9.5	NORMALE
15	171739069261	5.0	5.5	5.2	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	6.0	7.0	6.4	NORMALE
18	171739081409	5.5	7.0	6.1	NORMALE
19	181839070760	7.0	8.0	7.4	NORMALE
20	161639065547	2.0	8.0	4.4	NORMALE
21	181839063860	1.0	6.5	3.2	NORMALE
22	181839065316	2.0	0.0	1.2	NORMALE
23	181839069013	5.5	6.5	5.9	NORMALE
24	161639065128	6.5	6.0	6.3	NORMALE
25	181839071013	12.0	13.5	12.6	NORMALE
26	171739068725	11.0	10.0	10.6	NORMALE
27	171739064328	2.0	0.0	1.2	NORMALE
28	181839072966	0.0	6.0	2.4	NORMALE
29	161639074126	2.0	7.5	4.2	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	7.5	10.0	8.5	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	1.0	0.0	0.6	NORMALE
34	181839063065	6.0	8.5	7.0	NORMALE
35	181839071170	5.0	0.0	3.0	NORMALE
36	181839062713	0.0	0.0	0.0	NORMALE
37	181839066501	4.5	5.0	4.7	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	4.0	8.0	5.6	NORMALE
40	181839062981	9.0	12.5	10.4	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	8.0	9.0	8.4	NORMALE
43	181839067151	12.5	12.0	12.3	NORMALE
44	151539066901	9.0	8.5	8.8	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	2.0	8.5	4.6	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Diagnostic des défaillances des systèmes de commande / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	5.0	17.0	9.8	NORMALE
2	181839066566	3.5	0.0	2.1	NORMALE
3	181839071029	9.75	15.0	11.85	NORMALE
4	181839063983	1.5	8.0	4.1	NORMALE
5	181839062753	2.0	0.0	1.2	NORMALE
6	171739069210	1.0	0.0	0.6	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	11.5	15.0	12.9	NORMALE
9	181839071971	5.0	12.5	8.0	NORMALE
10	171739076623	10.6	10.6	10.6	NORMALE
11	171739068675	1.25	0.0	0.75	NORMALE
12	181839069896	2.75	13.5	7.05	NORMALE
13	20119034996	4.75	14.5	8.65	NORMALE
14	181839069387	2.0	12.5	6.2	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	1.5	13.0	6.1	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	4.25	10.0	6.55	NORMALE
19	181839073067	11.25	13.0	11.95	NORMALE
20	171739067705	3.0	13.0	7.0	NORMALE
21	171739064457	3.0	13.0	7.0	NORMALE
22	171739065366	1.5	0.0	0.9	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	3.75	15.5	8.45	NORMALE
25	2195320242	3.25	17.5	8.95	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	7.75	14.0	10.25	NORMALE
28	181839067622	12.5	13.0	12.7	NORMALE
29	181839066208	10.25	13.5	11.55	NORMALE
30	181839070186	4.25	14.0	8.15	NORMALE
31	181839068824	0.25	12.5	5.15	NORMALE
32	181839066500	7.75	13.5	10.05	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	4.75	13.0	8.05	NORMALE
35	161639066786	1.5	13.0	6.1	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	7.0	3.0	5.4	NORMALE
38	171739071467	9.0	12.5	10.4	NORMALE
39	181839065292	5.5	8.0	6.5	NORMALE
40	151539069434	12.4	12.4	12.4	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	15.0	15.0	15.0	NORMALE
43	161539077062	0.0	13.5	5.4	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Diagnostic des défaillances des systèmes de commande / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	6.25	14.0	9.35	NORMALE
2	171739065620	7.5	14.5	10.3	NORMALE
3	171739064586	14.5	15.5	14.9	NORMALE
4	171739068320	3.0	11.5	6.4	NORMALE
5	181839070282	3.25	14.0	7.55	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	7.75	13.5	10.05	NORMALE
8	181839068233	6.25	16.0	10.15	NORMALE
9	181839065205	1.0	7.5	3.6	NORMALE
10	161639083438	1.0	12.5	5.6	NORMALE
11	181839080164	0.0	3.0	1.2	NORMALE
12	171739066731	12.55	12.55	12.55	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	8.0	15.0	10.8	NORMALE
15	171739069261	2.5	11.5	6.1	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	3.0	14.0	7.4	NORMALE
18	171739081409	3.25	14.0	7.55	NORMALE
19	181839070760	2.25	13.5	6.75	NORMALE
20	161639065547	11.5	13.0	12.1	NORMALE
21	181839063860	9.5	3.0	6.9	NORMALE
22	181839065316	2.75	2.0	2.45	NORMALE
23	181839069013	5.5	14.5	9.1	NORMALE
24	161639065128	5.5	14.0	8.9	NORMALE
25	181839071013	8.75	16.5	11.85	NORMALE
26	171739068725	4.0	1.0	2.8	NORMALE
27	171739064328	0.5	0.0	0.3	NORMALE
28	181839072966	7.5	14.0	10.1	NORMALE
29	161639074126	2.5	13.0	6.7	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	2.25	13.0	6.55	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	6.5	13.0	9.1	NORMALE
35	181839071170	2.0	11.5	5.8	NORMALE
36	181839062713	0.25	0.0	0.15	NORMALE
37	181839066501	6.0	15.5	9.8	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	4.5	12.5	7.7	NORMALE
40	181839062981	9.75	18.0	13.05	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	11.75	16.5	13.65	NORMALE
43	181839067151	14.0	16.0	14.8	NORMALE
44	151539066901	9.5	11.0	10.1	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	6.5	13.0	9.1	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: éthique déontologie et propriété intellectuelle / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	14.0	0.0	14.0	NORMALE
2	181839066566	13.0	0.0	13.0	NORMALE
3	181839071029	20.0	0.0	20.0	NORMALE
4	181839063983	13.0	0.0	13.0	NORMALE
5	181839062753	5.0	0.0	5.0	NORMALE
6	171739069210	16.0	0.0	16.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	14.0	0.0	14.0	NORMALE
9	181839071971	13.0	0.0	13.0	NORMALE
10	171739076623	13.5	0.0	13.5	NORMALE
11	171739068675	13.0	0.0	13.0	NORMALE
12	181839069896	17.0	0.0	17.0	NORMALE
13	20119034996	18.0	0.0	18.0	NORMALE
14	181839069387	10.0	0.0	10.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	18.0	0.0	18.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	12.0	0.0	12.0	NORMALE
19	181839073067	13.0	0.0	13.0	NORMALE
20	171739067705	15.0	0.0	15.0	NORMALE
21	171739064457	15.0	0.0	15.0	NORMALE
22	171739065366	11.0	0.0	11.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	14.0	0.0	14.0	NORMALE
25	2195320242	18.0	0.0	18.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	15.0	0.0	15.0	NORMALE
28	181839067622	17.0	0.0	17.0	NORMALE
29	181839066208	16.0	0.0	16.0	NORMALE
30	181839070186	11.0	0.0	11.0	NORMALE
31	181839068824	18.0	0.0	18.0	NORMALE
32	181839066500	15.0	0.0	15.0	NORMALE
33	171739075610	14.0	0.0	14.0	NORMALE
34	181839070831	16.0	0.0	16.0	NORMALE
35	161639066786	14.0	0.0	14.0	NORMALE
36	171739066721	10.0	0.0	10.0	NORMALE
37	181839066550	10.0	0.0	10.0	NORMALE
38	171739071467	16.0	0.0	16.0	NORMALE
39	181839065292	14.0	0.0	14.0	NORMALE
40	151539069434	13.5	0.0	13.5	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	10.0	0.0	10.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	11.0	0.0	11.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: éthique déontologie et propriété intellectuelle / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	15.0	0.0	15.0	NORMALE
2	171739065620	19.0	0.0	19.0	NORMALE
3	171739064586	14.0	0.0	14.0	NORMALE
4	171739068320	13.0	0.0	13.0	NORMALE
5	181839070282	13.0	0.0	13.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	15.5	0.0	15.5	NORMALE
8	181839068233	11.0	0.0	11.0	NORMALE
9	181839065205	17.0	0.0	17.0	NORMALE
10	161639083438	17.5	0.0	17.5	NORMALE
11	181839080164	2.0	0.0	2.0	NORMALE
12	171739066731	10.25	0.0	10.25	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	16.0	0.0	16.0	NORMALE
15	171739069261	16.0	0.0	16.0	NORMALE
16	171739075667	14.0	0.0	14.0	NORMALE
17	171739074303	15.0	0.0	15.0	NORMALE
18	171739081409	14.0	0.0	14.0	NORMALE
19	181839070760	17.0	0.0	17.0	NORMALE
20	161639065547	20.0	0.0	20.0	NORMALE
21	181839063860	13.0	0.0	13.0	NORMALE
22	181839065316	12.0	0.0	12.0	NORMALE
23	181839069013	15.0	0.0	15.0	NORMALE
24	161639065128	17.0	0.0	17.0	NORMALE
25	181839071013	20.0	0.0	20.0	NORMALE
26	171739068725	18.0	0.0	18.0	NORMALE
27	171739064328	13.5	0.0	13.5	NORMALE
28	181839072966	14.0	0.0	14.0	NORMALE
29	161639074126	18.0	0.0	18.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	14.0	0.0	14.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	12.0	0.0	12.0	NORMALE
34	181839063065	14.0	0.0	14.0	NORMALE
35	181839071170	11.0	0.0	11.0	NORMALE
36	181839062713	2.0	0.0	2.0	NORMALE
37	181839066501	17.0	0.0	17.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	17.0	0.0	17.0	NORMALE
40	181839062981	16.0	0.0	16.0	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	15.0	0.0	15.0	NORMALE
43	181839067151	15.0	0.0	15.0	NORMALE
44	151539066901	18.0	0.0	18.0	NORMALE
45	161539074323	12.0	0.0	12.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	16.0	0.0	16.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Implé. d une comm. num. en T R / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	13.25	0.0	13.25	NORMALE
2	181839066566	16.0	0.0	16.0	NORMALE
3	181839071029	18.0	0.0	18.0	NORMALE
4	181839063983	13.0	0.0	13.0	NORMALE
5	181839062753	3.5	0.0	3.5	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	18.0	0.0	18.0	NORMALE
9	181839071971	10.0	0.0	10.0	NORMALE
10	171739076623	12.0	0.0	12.0	NORMALE
11	171739068675	13.5	0.0	13.5	NORMALE
12	181839069896	10.0	0.0	10.0	NORMALE
13	20119034996	18.0	0.0	18.0	NORMALE
14	181839069387	10.0	0.0	10.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	16.0	0.0	16.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	0.0	0.0	NORMALE
19	181839073067	13.0	0.0	13.0	NORMALE
20	171739067705	16.0	0.0	16.0	NORMALE
21	171739064457	13.0	0.0	13.0	NORMALE
22	171739065366	17.0	0.0	17.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	13.25	0.0	13.25	NORMALE
25	2195320242	15.75	0.0	15.75	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	13.25	0.0	13.25	NORMALE
28	181839067622	13.25	0.0	13.25	NORMALE
29	181839066208	13.5	0.0	13.5	NORMALE
30	181839070186	10.0	0.0	10.0	NORMALE
31	181839068824	10.0	0.0	10.0	NORMALE
32	181839066500	13.5	0.0	13.5	NORMALE
33	171739075610	17.0	0.0	17.0	NORMALE
34	181839070831	10.0	0.0	10.0	NORMALE
35	161639066786	13.0	0.0	13.0	NORMALE
36	171739066721	18.0	0.0	18.0	NORMALE
37	181839066550	13.5	0.0	13.5	NORMALE
38	171739071467	10.0	0.0	10.0	NORMALE
39	181839065292	13.0	0.0	13.0	NORMALE
40	151539069434	15.0	0.0	15.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	10.0	0.0	10.0	NORMALE
43	161539077062	13.0	0.0	13.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	10.0	0.0	10.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Implé. d une comm. num. en T R / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	16.0	0.0	16.0	NORMALE
2	171739065620	17.5	0.0	17.5	NORMALE
3	171739064586	14.0	0.0	14.0	NORMALE
4	171739068320	16.0	0.0	16.0	NORMALE
5	181839070282	16.0	0.0	16.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	10.0	0.0	10.0	NORMALE
8	181839068233	11.5	0.0	11.5	NORMALE
9	181839065205	10.75	0.0	10.75	NORMALE
10	161639083438	16.5	0.0	16.5	NORMALE
11	181839080164	8.0	0.0	8.0	NORMALE
12	171739066731	17.5	0.0	17.5	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	15.25	0.0	15.25	NORMALE
15	171739069261	8.0	0.0	8.0	NORMALE
16	171739075667	18.0	0.0	18.0	NORMALE
17	171739074303	16.0	0.0	16.0	NORMALE
18	171739081409	17.5	0.0	17.5	NORMALE
19	181839070760	16.0	0.0	16.0	NORMALE
20	161639065547	11.0	0.0	11.0	NORMALE
21	181839063860	11.0	0.0	11.0	NORMALE
22	181839065316	10.75	0.0	10.75	NORMALE
23	181839069013	16.5	0.0	16.5	NORMALE
24	161639065128	17.5	0.0	17.5	NORMALE
25	181839071013	14.0	0.0	14.0	NORMALE
26	171739068725	11.75	0.0	11.75	NORMALE
27	171739064328	18.0	0.0	18.0	NORMALE
28	181839072966	17.5	0.0	17.5	NORMALE
29	161639074126	16.5	0.0	16.5	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	11.75	0.0	11.75	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	11.0	0.0	11.0	NORMALE
35	181839071170	10.0	0.0	10.0	NORMALE
36	181839062713	11.5	0.0	11.5	NORMALE
37	181839066501	15.25	0.0	15.25	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	11.0	0.0	11.0	NORMALE
40	181839062981	11.5	0.0	11.5	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	15.25	0.0	15.25	NORMALE
43	181839067151	11.5	0.0	11.5	NORMALE
44	151539066901	11.75	0.0	11.75	NORMALE
45	161539074323	10.0	0.0	10.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	16.5	0.0	16.5	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Modélisation et identification des systèmes électriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	15.0	17.0	15.8	NORMALE
2	181839066566	5.0	2.0	3.8	NORMALE
3	181839071029	7.0	12.0	9.0	NORMALE
4	181839063983	0.0	0.0	0.0	NORMALE
5	181839062753	3.0	5.0	3.8	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	12.0	14.0	12.8	NORMALE
9	181839071971	1.0	5.0	2.6	NORMALE
10	171739076623	1.0	0.0	0.6	NORMALE
11	171739068675	2.0	0.0	1.2	NORMALE
12	181839069896	0.0	2.0	0.8	NORMALE
13	20119034996	6.0	9.0	7.2	NORMALE
14	181839069387	4.0	5.0	4.4	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	2.0	4.0	2.8	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	3.0	4.0	3.4	NORMALE
19	181839073067	11.0	11.0	11.0	NORMALE
20	171739067705	5.0	2.0	3.8	NORMALE
21	171739064457	2.0	8.0	4.4	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	9.0	16.0	11.8	NORMALE
25	2195320242	3.0	6.0	4.2	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	5.0	8.0	6.2	NORMALE
28	181839067622	10.0	14.0	11.6	NORMALE
29	181839066208	14.0	16.0	14.8	NORMALE
30	181839070186	2.0	9.0	4.8	NORMALE
31	181839068824	0.0	2.0	0.8	NORMALE
32	181839066500	11.0	14.0	12.2	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	3.0	10.0	5.8	NORMALE
35	161639066786	5.0	2.0	3.8	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	5.0	8.0	6.2	NORMALE
38	171739071467	1.0	6.0	3.0	NORMALE
39	181839065292	0.0	8.0	3.2	NORMALE
40	151539069434	0.0	0.0	0.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Modélisation et identification des systèmes électriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	9.0	10.0	9.4	NORMALE
2	171739065620	12.0	8.0	10.4	NORMALE
3	171739064586	16.0	20.0	17.6	NORMALE
4	171739068320	5.0	8.0	6.2	NORMALE
5	181839070282	3.0	8.0	5.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	5.0	9.0	6.6	NORMALE
8	181839068233	10.0	17.0	12.8	NORMALE
9	181839065205	2.0	6.0	3.6	NORMALE
10	161639083438	3.0	5.0	3.8	NORMALE
11	181839080164	0.0	2.0	0.8	NORMALE
12	171739066731	0.0	0.0	0.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	10.0	8.0	9.2	NORMALE
15	171739069261	4.0	2.0	3.2	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	3.0	6.0	4.2	NORMALE
18	171739081409	4.0	5.0	4.4	NORMALE
19	181839070760	6.0	8.0	6.8	NORMALE
20	161639065547	4.0	7.0	5.2	NORMALE
21	181839063860	4.0	12.0	7.2	NORMALE
22	181839065316	0.0	0.0	0.0	NORMALE
23	181839069013	2.0	2.0	2.0	NORMALE
24	161639065128	5.0	5.0	5.0	NORMALE
25	181839071013	12.0	17.0	14.0	NORMALE
26	171739068725	8.0	10.0	8.8	NORMALE
27	171739064328	2.0	2.0	2.0	NORMALE
28	181839072966	6.0	10.0	7.6	NORMALE
29	161639074126	3.0	8.0	5.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	8.0	14.0	10.4	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	8.0	14.0	10.4	NORMALE
35	181839071170	0.0	4.0	1.6	NORMALE
36	181839062713	0.0	4.0	1.6	NORMALE
37	181839066501	6.0	12.0	8.4	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	4.0	15.0	8.4	NORMALE
40	181839062981	12.0	17.0	14.0	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	6.0	10.0	7.6	NORMALE
43	181839067151	12.0	18.0	14.4	NORMALE
44	151539066901	12.0	10.0	11.2	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	8.0	3.2	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Qualité de l'énergie élect. / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	11.0	0.0	11.0	NORMALE
2	181839066566	2.25	0.0	2.25	NORMALE
3	181839071029	13.5	0.0	13.5	NORMALE
4	181839063983	2.0	0.0	2.0	NORMALE
5	181839062753	0.25	0.0	0.25	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	12.25	0.0	12.25	NORMALE
9	181839071971	2.5	0.0	2.5	NORMALE
10	171739076623	5.0	0.0	5.0	NORMALE
11	171739068675	11.5	0.0	11.5	NORMALE
12	181839069896	0.5	0.0	0.5	NORMALE
13	20119034996	10.5	0.0	10.5	NORMALE
14	181839069387	4.0	0.0	4.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	2.75	0.0	2.75	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	6.5	0.0	6.5	NORMALE
19	181839073067	3.75	0.0	3.75	NORMALE
20	171739067705	3.0	0.0	3.0	NORMALE
21	171739064457	2.75	0.0	2.75	NORMALE
22	171739065366	9.0	0.0	9.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	3.75	0.0	3.75	NORMALE
25	2195320242	14.0	0.0	14.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	1.75	0.0	1.75	NORMALE
28	181839067622	5.0	0.0	5.0	NORMALE
29	181839066208	9.5	0.0	9.5	NORMALE
30	181839070186	6.5	0.0	6.5	NORMALE
31	181839068824	0.0	0.0	0.0	NORMALE
32	181839066500	10.25	0.0	10.25	NORMALE
33	171739075610	4.0	0.0	4.0	NORMALE
34	181839070831	10.0	0.0	10.0	NORMALE
35	161639066786	10.5	0.0	10.5	NORMALE
36	171739066721	8.0	0.0	8.0	NORMALE
37	181839066550	5.0	0.0	5.0	NORMALE
38	171739071467	2.0	0.0	2.0	NORMALE
39	181839065292	6.75	0.0	6.75	NORMALE
40	151539069434	5.0	0.0	5.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Qualité de l'énergie élect. / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	7.5	0.0	7.5	NORMALE
2	171739065620	3.75	0.0	3.75	NORMALE
3	171739064586	11.0	0.0	11.0	NORMALE
4	171739068320	6.25	0.0	6.25	NORMALE
5	181839070282	3.75	0.0	3.75	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	10.0	0.0	10.0	NORMALE
8	181839068233	10.5	0.0	10.5	NORMALE
9	181839065205	1.25	0.0	1.25	NORMALE
10	161639083438	7.25	0.0	7.25	NORMALE
11	181839080164	2.0	0.0	2.0	NORMALE
12	171739066731	6.0	0.0	6.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	4.0	0.0	4.0	NORMALE
15	171739069261	1.75	0.0	1.75	NORMALE
16	171739075667	3.5	0.0	3.5	NORMALE
17	171739074303	2.0	0.0	2.0	NORMALE
18	171739081409	4.5	0.0	4.5	NORMALE
19	181839070760	1.75	0.0	1.75	NORMALE
20	161639065547	2.0	0.0	2.0	NORMALE
21	181839063860	0.0	0.0	0.0	NORMALE
22	181839065316	2.0	0.0	2.0	NORMALE
23	181839069013	3.25	0.0	3.25	NORMALE
24	161639065128	3.0	0.0	3.0	NORMALE
25	181839071013	9.0	0.0	9.0	NORMALE
26	171739068725	1.75	0.0	1.75	NORMALE
27	171739064328	5.0	0.0	5.0	NORMALE
28	181839072966	5.25	0.0	5.25	NORMALE
29	161639074126	9.0	0.0	9.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	3.75	0.0	3.75	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.5	0.0	0.5	NORMALE
34	181839063065	2.5	0.0	2.5	NORMALE
35	181839071170	4.0	0.0	4.0	NORMALE
36	181839062713	0.0	0.0	0.0	NORMALE
37	181839066501	9.75	0.0	9.75	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	9.25	0.0	9.25	NORMALE
40	181839062981	8.0	0.0	8.0	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	9.25	0.0	9.25	NORMALE
43	181839067151	11.0	0.0	11.0	NORMALE
44	151539066901	12.5	0.0	12.5	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	9.5	0.0	9.5	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: Technique de la commande électrique / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	3.5	4.0	3.7	NORMALE
2	181839066566	2.5	4.0	3.1	NORMALE
3	181839071029	3.0	4.0	3.4	NORMALE
4	181839063983	1.5	0.0	0.9	NORMALE
5	181839062753	2.5	4.0	3.1	NORMALE
6	171739069210	1.5	0.0	0.9	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	15.0	4.25	10.7	NORMALE
9	181839071971	3.5	4.0	3.7	NORMALE
10	171739076623	0.0	4.0	1.6	NORMALE
11	171739068675	0.0	0.0	0.0	NORMALE
12	181839069896	3.0	4.0	3.4	NORMALE
13	20119034996	4.5	4.5	4.5	NORMALE
14	181839069387	1.5	4.0	2.5	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	0.0	4.0	1.6	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	1.5	4.0	2.5	NORMALE
19	181839073067	4.0	5.0	4.4	NORMALE
20	171739067705	2.0	4.0	2.8	NORMALE
21	171739064457	2.0	4.0	2.8	NORMALE
22	171739065366	3.0	0.0	1.8	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	5.0	4.0	4.6	NORMALE
25	2195320242	4.5	6.0	5.1	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	16.0	12.0	14.4	NORMALE
28	181839067622	9.0	7.0	8.2	NORMALE
29	181839066208	17.5	4.5	12.3	NORMALE
30	181839070186	0.0	4.0	1.6	NORMALE
31	181839068824	0.0	4.0	1.6	NORMALE
32	181839066500	18.0	6.0	13.2	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	7.0	5.0	6.2	NORMALE
35	161639066786	0.0	4.0	1.6	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	12.5	4.0	9.1	NORMALE
38	171739071467	4.0	4.0	4.0	NORMALE
39	181839065292	1.5	4.0	2.5	NORMALE
40	151539069434	0.0	0.0	0.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	4.0	1.6	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09

Matière: Technique de la commande électrique / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	4.0	1.6	NORMALE
2	171739065620	2.5	4.0	3.1	NORMALE
3	171739064586	15.0	16.5	15.6	NORMALE
4	171739068320	4.0	4.0	4.0	NORMALE
5	181839070282	2.5	4.0	3.1	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	6.0	6.0	6.0	NORMALE
8	181839068233	14.5	10.0	12.7	NORMALE
9	181839065205	0.0	4.0	1.6	NORMALE
10	161639083438	0.0	4.0	1.6	NORMALE
11	181839080164	0.0	4.0	1.6	NORMALE
12	171739066731	0.0	0.0	0.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	18.5	4.0	12.7	NORMALE
15	171739069261	1.5	4.0	2.5	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	10.0	4.0	7.6	NORMALE
18	171739081409	1.5	4.0	2.5	NORMALE
19	181839070760	1.5	4.0	2.5	NORMALE
20	161639065547	1.5	4.0	2.5	NORMALE
21	181839063860	3.0	4.0	3.4	NORMALE
22	181839065316	0.0	0.0	0.0	NORMALE
23	181839069013	2.0	4.0	2.8	NORMALE
24	161639065128	4.0	4.0	4.0	NORMALE
25	181839071013	11.5	15.0	12.9	NORMALE
26	171739068725	8.5	4.0	6.7	NORMALE
27	171739064328	1.0	0.0	0.6	NORMALE
28	181839072966	1.0	4.0	2.2	NORMALE
29	161639074126	3.5	4.0	3.7	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	7.5	6.5	7.1	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	3.0	0.0	1.8	NORMALE
34	181839063065	0.0	4.0	1.6	NORMALE
35	181839071170	4.5	6.0	5.1	NORMALE
36	181839062713	1.5	4.0	2.5	NORMALE
37	181839066501	10.5	4.5	8.1	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	3.0	4.0	3.4	NORMALE
40	181839062981	12.0	5.5	9.4	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	15.5	5.0	11.3	NORMALE
43	181839067151	16.0	16.0	16.0	NORMALE
44	151539066901	4.0	11.0	6.8	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	1.5	4.0	2.5	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP Asservissements échantillonnés et Régulation numérique / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	12.5	12.5	NORMALE
2	181839066566	0.0	10.5	10.5	NORMALE
3	181839071029	0.0	11.5	11.5	NORMALE
4	181839063983	0.0	10.0	10.0	NORMALE
5	181839062753	0.0	0.0	0.0	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	11.5	11.5	NORMALE
9	181839071971	0.0	11.5	11.5	NORMALE
10	171739076623	0.0	11.5	11.5	NORMALE
11	171739068675	0.0	12.0	12.0	NORMALE
12	181839069896	0.0	11.0	11.0	NORMALE
13	20119034996	0.0	11.5	11.5	NORMALE
14	181839069387	0.0	11.5	11.5	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	0.0	10.5	10.5	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	11.0	11.0	NORMALE
19	181839073067	0.0	11.5	11.5	NORMALE
20	171739067705	0.0	10.0	10.0	NORMALE
21	171739064457	0.0	11.5	11.5	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	12.5	12.5	NORMALE
25	2195320242	0.0	10.0	10.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	10.5	10.5	NORMALE
28	181839067622	0.0	10.5	10.5	NORMALE
29	181839066208	0.0	12.0	12.0	NORMALE
30	181839070186	0.0	11.0	11.0	NORMALE
31	181839068824	0.0	11.5	11.5	NORMALE
32	181839066500	0.0	11.5	11.5	NORMALE
33	171739075610	0.0	11.0	11.0	NORMALE
34	181839070831	0.0	11.0	11.0	NORMALE
35	161639066786	0.0	11.0	11.0	NORMALE
36	171739066721	0.0	11.5	11.5	NORMALE
37	181839066550	0.0	12.0	12.0	NORMALE
38	171739071467	0.0	11.5	11.5	NORMALE
39	181839065292	0.0	11.5	11.5	NORMALE
40	151539069434	0.0	11.5	11.5	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 ن°

Matière: TP Asservissements échantillonnés et Régulation numérique / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	11.0	11.0	NORMALE
2	171739065620	0.0	10.0	10.0	NORMALE
3	171739064586	0.0	11.0	11.0	NORMALE
4	171739068320	0.0	10.5	10.5	NORMALE
5	181839070282	0.0	11.5	11.5	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	12.5	12.5	NORMALE
8	181839068233	0.0	11.0	11.0	NORMALE
9	181839065205	0.0	11.0	11.0	NORMALE
10	161639083438	0.0	11.0	11.0	NORMALE
11	181839080164	0.0	11.0	11.0	NORMALE
12	171739066731	0.0	0.0	0.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	11.5	11.5	NORMALE
15	171739069261	0.0	11.0	11.0	NORMALE
16	171739075667	0.0	11.5	11.5	NORMALE
17	171739074303	0.0	11.5	11.5	NORMALE
18	171739081409	0.0	10.5	10.5	NORMALE
19	181839070760	0.0	11.5	11.5	NORMALE
20	161639065547	0.0	11.5	11.5	NORMALE
21	181839063860	0.0	10.5	10.5	NORMALE
22	181839065316	0.0	0.0	0.0	NORMALE
23	181839069013	0.0	11.0	11.0	NORMALE
24	161639065128	0.0	10.0	10.0	NORMALE
25	181839071013	0.0	11.0	11.0	NORMALE
26	171739068725	0.0	11.5	11.5	NORMALE
27	171739064328	0.0	11.5	11.5	NORMALE
28	181839072966	0.0	11.5	11.5	NORMALE
29	161639074126	0.0	11.0	11.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	11.5	11.5	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	0.0	11.5	11.5	NORMALE
35	181839071170	0.0	12.5	12.5	NORMALE
36	181839062713	0.0	11.0	11.0	NORMALE
37	181839066501	0.0	11.5	11.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	11.5	11.5	NORMALE
40	181839062981	0.0	11.0	11.0	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	11.5	11.5	NORMALE
43	181839067151	0.0	11.0	11.0	NORMALE
44	151539066901	0.0	11.5	11.5	NORMALE
45	161539074323	0.0	12.5	12.5	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	11.0	11.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP Diagnostic des défaillances des systèmes de commande / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	15.5	15.5	NORMALE
2	181839066566	0.0	2.0	2.0	NORMALE
3	181839071029	0.0	14.5	14.5	NORMALE
4	181839063983	0.0	11.5	11.5	NORMALE
5	181839062753	0.0	15.0	15.0	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	14.5	14.5	NORMALE
9	181839071971	0.0	13.0	13.0	NORMALE
10	171739076623	0.0	13.0	13.0	NORMALE
11	171739068675	0.0	12.5	12.5	NORMALE
12	181839069896	0.0	13.0	13.0	NORMALE
13	20119034996	0.0	14.5	14.5	NORMALE
14	181839069387	0.0	11.0	11.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	0.0	14.5	14.5	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	7.0	7.0	NORMALE
19	181839073067	0.0	12.5	12.5	NORMALE
20	171739067705	0.0	14.5	14.5	NORMALE
21	171739064457	0.0	14.0	14.0	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	14.0	14.0	NORMALE
25	2195320242	0.0	17.0	17.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	14.5	14.5	NORMALE
28	181839067622	0.0	14.0	14.0	NORMALE
29	181839066208	0.0	13.0	13.0	NORMALE
30	181839070186	0.0	13.5	13.5	NORMALE
31	181839068824	0.0	12.5	12.5	NORMALE
32	181839066500	0.0	13.0	13.0	NORMALE
33	171739075610	0.0	10.0	10.0	NORMALE
34	181839070831	0.0	13.0	13.0	NORMALE
35	161639066786	0.0	13.5	13.5	NORMALE
36	171739066721	0.0	10.0	10.0	NORMALE
37	181839066550	0.0	8.5	8.5	NORMALE
38	171739071467	0.0	13.5	13.5	NORMALE
39	181839065292	0.0	13.0	13.0	NORMALE
40	151539069434	0.0	11.5	11.5	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	15.0	15.0	NORMALE
43	161539077062	0.0	13.5	13.5	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP Diagnostic des défaillances des systèmes de commande / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	14.0	14.0	NORMALE
2	171739065620	0.0	13.5	13.5	NORMALE
3	171739064586	0.0	14.5	14.5	NORMALE
4	171739068320	0.0	9.0	9.0	NORMALE
5	181839070282	0.0	14.0	14.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	13.0	13.0	NORMALE
8	181839068233	0.0	14.5	14.5	NORMALE
9	181839065205	0.0	7.0	7.0	NORMALE
10	161639083438	0.0	13.0	13.0	NORMALE
11	181839080164	0.0	9.0	9.0	NORMALE
12	171739066731	0.0	13.0	13.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	15.5	15.5	NORMALE
15	171739069261	0.0	9.0	9.0	NORMALE
16	171739075667	0.0	10.0	10.0	NORMALE
17	171739074303	0.0	14.0	14.0	NORMALE
18	171739081409	0.0	13.5	13.5	NORMALE
19	181839070760	0.0	14.0	14.0	NORMALE
20	161639065547	0.0	13.5	13.5	NORMALE
21	181839063860	0.0	7.0	7.0	NORMALE
22	181839065316	0.0	7.0	7.0	NORMALE
23	181839069013	0.0	13.0	13.0	NORMALE
24	161639065128	0.0	13.5	13.5	NORMALE
25	181839071013	0.0	14.5	14.5	NORMALE
26	171739068725	0.0	3.0	3.0	NORMALE
27	171739064328	0.0	10.0	10.0	NORMALE
28	181839072966	0.0	13.0	13.0	NORMALE
29	161639074126	0.0	13.5	13.5	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	13.5	13.5	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	0.0	9.0	9.0	NORMALE
35	181839071170	0.0	8.5	8.5	NORMALE
36	181839062713	0.0	14.5	14.5	NORMALE
37	181839066501	0.0	15.5	15.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	13.5	13.5	NORMALE
40	181839062981	0.0	15.5	15.5	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	15.5	15.5	NORMALE
43	181839067151	0.0	14.5	14.5	NORMALE
44	151539066901	0.0	8.0	8.0	NORMALE
45	161539074323	0.0	10.0	10.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	13.0	13.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP Modélisation et identification des systèmes électriques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	14.67	14.67	NORMALE
2	181839066566	0.0	6.67	6.67	NORMALE
3	181839071029	0.0	12.67	12.67	NORMALE
4	181839063983	0.0	11.0	11.0	NORMALE
5	181839062753	0.0	4.0	4.0	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	12.67	12.67	NORMALE
9	181839071971	0.0	10.0	10.0	NORMALE
10	171739076623	0.0	11.33	11.33	NORMALE
11	171739068675	0.0	0.0	0.0	NORMALE
12	181839069896	0.0	10.0	10.0	NORMALE
13	20119034996	0.0	12.67	12.67	NORMALE
14	181839069387	0.0	10.0	10.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	0.0	10.0	10.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	9.67	9.67	NORMALE
19	181839073067	0.0	11.0	11.0	NORMALE
20	171739067705	0.0	10.0	10.0	NORMALE
21	171739064457	0.0	10.67	10.67	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	13.67	13.67	NORMALE
25	2195320242	0.0	10.67	10.67	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	13.67	13.67	NORMALE
28	181839067622	0.0	0.0	0.0	NORMALE
29	181839066208	0.0	8.33	8.33	NORMALE
30	181839070186	0.0	10.0	10.0	NORMALE
31	181839068824	0.0	10.0	10.0	NORMALE
32	181839066500	0.0	8.33	8.33	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	0.0	11.0	11.0	NORMALE
35	161639066786	0.0	11.0	11.0	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	0.0	12.67	12.67	NORMALE
38	171739071467	0.0	10.0	10.0	NORMALE
39	181839065292	0.0	10.67	10.67	NORMALE
40	151539069434	0.0	0.0	0.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	14.0	14.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	3.67	3.67	NORMALE

Signature de l'enseignant:

Le:

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Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP Modélisation et identification des systèmes électriques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	12.67	12.67	NORMALE
2	171739065620	0.0	10.67	10.67	NORMALE
3	171739064586	0.0	15.0	15.0	NORMALE
4	171739068320	0.0	10.33	10.33	NORMALE
5	181839070282	0.0	12.67	12.67	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	10.67	10.67	NORMALE
8	181839068233	0.0	12.33	12.33	NORMALE
9	181839065205	0.0	10.33	10.33	NORMALE
10	161639083438	0.0	10.33	10.33	NORMALE
11	181839080164	0.0	9.33	9.33	NORMALE
12	171739066731	0.0	11.17	11.17	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	12.67	12.67	NORMALE
15	171739069261	0.0	9.33	9.33	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	0.0	12.33	12.33	NORMALE
18	171739081409	0.0	10.67	10.67	NORMALE
19	181839070760	0.0	12.33	12.33	NORMALE
20	161639065547	0.0	11.33	11.33	NORMALE
21	181839063860	0.0	10.67	10.67	NORMALE
22	181839065316	0.0	0.0	0.0	NORMALE
23	181839069013	0.0	10.33	10.33	NORMALE
24	161639065128	0.0	10.67	10.67	NORMALE
25	181839071013	0.0	15.0	15.0	NORMALE
26	171739068725	0.0	11.0	11.0	NORMALE
27	171739064328	0.0	0.0	0.0	NORMALE
28	181839072966	0.0	10.67	10.67	NORMALE
29	161639074126	0.0	10.33	10.33	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	11.0	11.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	0.0	11.33	11.33	NORMALE
35	181839071170	0.0	4.0	4.0	NORMALE
36	181839062713	0.0	12.33	12.33	NORMALE
37	181839066501	0.0	12.67	12.67	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	11.33	11.33	NORMALE
40	181839062981	0.0	12.33	12.33	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	12.67	12.67	NORMALE
43	181839067151	0.0	12.33	12.33	NORMALE
44	151539066901	0.0	10.67	10.67	NORMALE
45	161539074323	0.0	10.0	10.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	10.33	10.33	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2021

Matière: TP Technique de la commande électrique / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	3.0	3.0	NORMALE
2	181839066566	0.0	3.75	3.75	NORMALE
3	181839071029	0.0	3.0	3.0	NORMALE
4	181839063983	0.0	0.0	0.0	NORMALE
5	181839062753	0.0	3.0	3.0	NORMALE
6	171739069210	0.0	0.0	0.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	3.75	3.75	NORMALE
9	181839071971	0.0	3.0	3.0	NORMALE
10	171739076623	0.0	3.0	3.0	NORMALE
11	171739068675	0.0	0.0	0.0	NORMALE
12	181839069896	0.0	7.0	7.0	NORMALE
13	20119034996	0.0	4.5	4.5	NORMALE
14	181839069387	0.0	3.0	3.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	0.0	3.0	3.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	4.5	4.5	NORMALE
19	181839073067	0.0	6.0	6.0	NORMALE
20	171739067705	0.0	3.0	3.0	NORMALE
21	171739064457	0.0	3.0	3.0	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	7.0	7.0	NORMALE
25	2195320242	0.0	5.5	5.5	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	10.5	10.5	NORMALE
28	181839067622	0.0	5.5	5.5	NORMALE
29	181839066208	0.0	6.0	6.0	NORMALE
30	181839070186	0.0	3.0	3.0	NORMALE
31	181839068824	0.0	3.0	3.0	NORMALE
32	181839066500	0.0	3.0	3.0	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	0.0	3.0	3.0	NORMALE
35	161639066786	0.0	3.0	3.0	NORMALE
36	171739066721	0.0	0.0	0.0	NORMALE
37	181839066550	0.0	11.5	11.5	NORMALE
38	171739071467	0.0	6.0	6.0	NORMALE
39	181839065292	0.0	3.0	3.0	NORMALE
40	151539069434	0.0	0.0	0.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	0.0	0.0	NORMALE
43	161539077062	0.0	0.0	0.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: TP Technique de la commande électrique / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	12.0	12.0	NORMALE
2	171739065620	0.0	3.75	3.75	NORMALE
3	171739064586	0.0	16.0	16.0	NORMALE
4	171739068320	0.0	4.5	4.5	NORMALE
5	181839070282	0.0	5.5	5.5	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	7.0	7.0	NORMALE
8	181839068233	0.0	10.0	10.0	NORMALE
9	181839065205	0.0	3.0	3.0	NORMALE
10	161639083438	0.0	3.75	3.75	NORMALE
11	181839080164	0.0	6.0	6.0	NORMALE
12	171739066731	0.0	0.0	0.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	7.0	7.0	NORMALE
15	171739069261	0.0	3.0	3.0	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	0.0	3.0	3.0	NORMALE
18	171739081409	0.0	4.5	4.5	NORMALE
19	181839070760	0.0	3.0	3.0	NORMALE
20	161639065547	0.0	4.5	4.5	NORMALE
21	181839063860	0.0	6.0	6.0	NORMALE
22	181839065316	0.0	0.0	0.0	NORMALE
23	181839069013	0.0	12.0	12.0	NORMALE
24	161639065128	0.0	3.0	3.0	NORMALE
25	181839071013	0.0	7.0	7.0	NORMALE
26	171739068725	0.0	5.5	5.5	NORMALE
27	171739064328	0.0	0.0	0.0	NORMALE
28	181839072966	0.0	3.0	3.0	NORMALE
29	161639074126	0.0	3.0	3.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	7.0	7.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	0.0	3.0	3.0	NORMALE
35	181839071170	0.0	3.0	3.0	NORMALE
36	181839062713	0.0	3.0	3.0	NORMALE
37	181839066501	0.0	5.5	5.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	3.75	3.75	NORMALE
40	181839062981	0.0	7.5	7.5	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	15.0	15.0	NORMALE
43	181839067151	0.0	13.0	13.0	NORMALE
44	151539066901	0.0	3.0	3.0	NORMALE
45	161539074323	0.0	0.0	0.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	4.5	4.5	NORMALE

Signature de l'enseignant:

Le:

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