



2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Anglais Technique et Terminologie / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	18.0	0.0	18.0	NORMALE
2	181839066566	18.0	0.0	18.0	NORMALE
3	181839071029	20.0	0.0	20.0	NORMALE
4	181839063983	16.0	0.0	16.0	NORMALE
5	181839062753	18.0	0.0	18.0	NORMALE
6	171739069210	16.0	0.0	16.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	16.0	0.0	16.0	NORMALE
9	181839071971	18.0	0.0	18.0	NORMALE
10	171739076623	16.0	0.0	16.0	NORMALE
11	171739068675	16.0	0.0	16.0	NORMALE
12	181839069896	18.0	0.0	18.0	NORMALE
13	20119034996	18.0	0.0	18.0	NORMALE
14	181839069387	15.0	0.0	15.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	17.0	0.0	17.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	17.0	0.0	17.0	NORMALE
19	181839073067	18.0	0.0	18.0	NORMALE
20	171739067705	20.0	0.0	20.0	NORMALE
21	171739064457	19.0	0.0	19.0	NORMALE
22	171739065366	13.0	0.0	13.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	17.0	0.0	17.0	NORMALE
25	2195320242	20.0	0.0	20.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	16.0	0.0	16.0	NORMALE
28	181839067622	19.0	0.0	19.0	NORMALE
29	181839066208	17.0	0.0	17.0	NORMALE
30	181839070186	16.0	0.0	16.0	NORMALE
31	181839068824	17.0	0.0	17.0	NORMALE
32	181839066500	16.0	0.0	16.0	NORMALE
33	171739075610	12.0	0.0	12.0	NORMALE
34	181839070831	16.0	0.0	16.0	NORMALE
35	161639066786	0.0	0.0	0.0	NORMALE
36	171739066721	8.0	0.0	8.0	NORMALE
37	181839066550	15.0	0.0	15.0	NORMALE
38	171739071467	17.0	0.0	17.0	NORMALE
39	181839065292	18.0	0.0	18.0	NORMALE
40	151539069434	8.0	0.0	8.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	11.0	0.0	11.0	NORMALE
43	161539077062	12.0	0.0	12.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	16.0	0.0	16.0	NORMALE

2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Anglais Technique et Terminologie / Section A / 2

#	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	20.0	0.0	20.0	NORMALE
4	171739068320	16.0	0.0	16.0	NORMALE
5	181839070282	15.0	0.0	15.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	17.0	0.0	17.0	NORMALE
8	181839068233	14.0	0.0	14.0	NORMALE
9	181839065205	16.0	0.0	16.0	NORMALE
10	161639083438	15.0	0.0	15.0	NORMALE
11	181839080164	16.0	0.0	16.0	NORMALE
12	171739066731	13.0	0.0	13.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	16.0	0.0	16.0	NORMALE
15	171739069261	14.0	0.0	14.0	NORMALE
16	171739075667	14.0	0.0	14.0	NORMALE
17	171739074303	17.0	0.0	17.0	NORMALE
18	171739081409	19.0	0.0	19.0	NORMALE
19	181839070760	17.0	0.0	17.0	NORMALE
20	161639065547	20.0	0.0	20.0	NORMALE
21	181839063860	19.0	0.0	19.0	NORMALE
22	181839065316	18.0	0.0	18.0	NORMALE
23	181839069013	18.0	0.0	18.0	NORMALE
24	161639065128	16.0	0.0	16.0	NORMALE
25	181839071013	18.0	0.0	18.0	NORMALE
26	171739068725	16.0	0.0	16.0	NORMALE
27	171739064328	19.0	0.0	19.0	NORMALE
28	181839072966	19.0	0.0	19.0	NORMALE
29	161639074126	20.0	0.0	20.0	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	18.0	0.0	18.0	NORMALE
34	181839063065	19.0	0.0	19.0	NORMALE
35	181839071170	16.0	0.0	16.0	NORMALE
36	181839062713	18.0	0.0	18.0	NORMALE
37	181839066501	13.0	0.0	13.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	17.0	0.0	17.0	NORMALE
40	181839062981	17.0	0.0	17.0	NORMALE
41	161639075066	14.0	0.0	14.0	NORMALE
42	181839066416	16.0	0.0	16.0	NORMALE
43	181839067151	17.0	0.0	17.0	NORMALE
44	151539066901	19.0	0.0	19.0	NORMALE
45	161539074323	16.0	0.0	16.0	NORMALE
46	201439056467	18.0	0.0	18.0	NORMALE
47	19129038797	18.0	0.0	18.0	NORMALE

2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Electronique de Puissance Avancée / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	14.0	12.0	13.2	NORMALE
2	181839066566	6.0	7.0	6.4	NORMALE
3	181839071029	2.0	9.0	4.8	NORMALE
4	181839063983	2.5	8.0	4.7	NORMALE
5	181839062753	5.0	10.0	7.0	NORMALE
6	171739069210	2.0	7.0	4.0	NORMALE
7	171739069278	1.0	7.0	3.4	NORMALE
8	181839071062	3.0	12.0	6.6	NORMALE
9	181839071971	3.0	7.0	4.6	NORMALE
10	171739076623	4.9	4.9	4.9	NORMALE
11	171739068675	1.0	7.0	3.4	NORMALE
12	181839069896	3.0	8.0	5.0	NORMALE
13	20119034996	6.0	7.0	6.4	NORMALE
14	181839069387	1.0	7.0	3.4	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	7.0	11.0	8.6	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	4.0	7.0	5.2	NORMALE
19	181839073067	13.0	7.0	10.6	NORMALE
20	171739067705	7.0	7.0	7.0	NORMALE
21	171739064457	1.0	7.0	3.4	NORMALE
22	171739065366	1.0	7.0	3.4	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	12.0	12.0	12.0	NORMALE
25	2195320242	2.0	11.0	5.6	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	7.0	14.0	9.8	NORMALE
28	181839067622	1.0	8.0	3.8	NORMALE
29	181839066208	7.0	14.0	9.8	NORMALE
30	181839070186	5.0	7.0	5.8	NORMALE
31	181839068824	4.0	7.0	5.2	NORMALE
32	181839066500	8.0	18.0	12.0	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	9.5	9.0	9.3	NORMALE
35	161639066786	0.0	7.0	2.8	NORMALE
36	171739066721	7.95	7.95	7.95	NORMALE
37	181839066550	1.0	7.0	3.4	NORMALE
38	171739071467	8.0	12.0	9.6	NORMALE
39	181839065292	3.0	7.0	4.6	NORMALE
40	151539069434	9.8	9.8	9.8	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	7.75	7.75	7.75	NORMALE
43	161539077062	1.0	0.0	0.6	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	6.0	7.0	6.4	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Electronique de Puissance Avancée / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	171839079595	3.0	11.0	6.2	NORMALE
2	171739065620	11.0	20.0	14.6	NORMALE
3	171739064586	11.0	18.0	13.8	NORMALE
4	171739068320	3.0	7.0	4.6	NORMALE
5	181839070282	1.0	9.0	4.2	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	10.5	18.0	13.5	NORMALE
8	181839068233	3.0	14.0	7.4	NORMALE
9	181839065205	4.0	7.0	5.2	NORMALE
10	161639083438	2.0	11.0	5.6	NORMALE
11	181839080164	0.0	7.0	2.8	NORMALE
12	171739066731	4.6	4.6	4.6	NORMALE
13	171739065511	0.0	7.0	2.8	NORMALE
14	181839066564	8.0	15.0	10.8	NORMALE
15	171739069261	2.0	7.0	4.0	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	1.0	9.0	4.2	NORMALE
18	171739081409	5.0	8.0	6.2	NORMALE
19	181839070760	6.0	18.0	10.8	NORMALE
20	161639065547	7.0	7.0	7.0	NORMALE
21	181839063860	9.0	12.0	10.2	NORMALE
22	181839065316	3.0	7.0	4.6	NORMALE
23	181839069013	12.0	11.0	11.6	NORMALE
24	161639065128	6.0	15.0	9.6	NORMALE
25	181839071013	7.0	14.0	9.8	NORMALE
26	171739068725	5.0	14.0	8.6	NORMALE
27	171739064328	7.0	7.0	7.0	NORMALE
28	181839072966	3.0	7.0	4.6	NORMALE
29	161639074126	7.0	14.0	9.8	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	6.0	8.0	6.8	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	1.0	7.0	3.4	NORMALE
34	181839063065	1.0	7.0	3.4	NORMALE
35	181839071170	6.0	9.0	7.2	NORMALE
36	181839062713	3.0	7.0	4.6	NORMALE
37	181839066501	8.0	7.0	7.6	NORMALE
38	181839067092	0.0	7.0	2.8	NORMALE
39	181839071031	1.0	9.0	4.2	NORMALE
40	181839062981	7.5	20.0	12.5	NORMALE
41	161639075066	1.0	7.0	3.4	NORMALE
42	181839066416	7.0	10.0	8.2	NORMALE
43	181839067151	11.0	20.0	14.6	NORMALE
44	151539066901	7.0	14.0	9.8	NORMALE
45	161539074323	5.35	5.35	5.35	NORMALE
46	201439056467	0.0	7.0	2.8	NORMALE
47	19129038797	13.0	9.0	11.4	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Energies Renouvelables / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	12.0	0.0	12.0	NORMALE
2	181839066566	4.0	0.0	4.0	NORMALE
3	181839071029	15.75	0.0	15.75	NORMALE
4	181839063983	5.0	0.0	5.0	NORMALE
5	181839062753	5.0	0.0	5.0	NORMALE
6	171739069210	8.5	0.0	8.5	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	13.25	0.0	13.25	NORMALE
9	181839071971	4.0	0.0	4.0	NORMALE
10	171739076623	14.5	0.0	14.5	NORMALE
11	171739068675	13.75	0.0	13.75	NORMALE
12	181839069896	9.5	0.0	9.5	NORMALE
13	20119034996	12.75	0.0	12.75	NORMALE
14	181839069387	8.25	0.0	8.25	NORMALE
15	181839051169	7.0	0.0	7.0	NORMALE
16	181839067132	6.5	0.0	6.5	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	14.0	0.0	14.0	NORMALE
19	181839073067	11.25	0.0	11.25	NORMALE
20	171739067705	5.0	0.0	5.0	NORMALE
21	171739064457	9.5	0.0	9.5	NORMALE
22	171739065366	13.75	0.0	13.75	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	8.5	0.0	8.5	NORMALE
25	2195320242	15.25	0.0	15.25	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	9.25	0.0	9.25	NORMALE
28	181839067622	13.25	0.0	13.25	NORMALE
29	181839066208	12.0	0.0	12.0	NORMALE
30	181839070186	8.75	0.0	8.75	NORMALE
31	181839068824	7.75	0.0	7.75	NORMALE
32	181839066500	8.0	0.0	8.0	NORMALE
33	171739075610	10.0	0.0	10.0	NORMALE
34	181839070831	6.25	0.0	6.25	NORMALE
35	161639066786	6.25	0.0	6.25	NORMALE
36	171739066721	10.0	0.0	10.0	NORMALE
37	181839066550	12.0	0.0	12.0	NORMALE
38	171739071467	9.0	0.0	9.0	NORMALE
39	181839065292	12.75	0.0	12.75	NORMALE
40	151539069434	12.5	0.0	12.5	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	11.25	0.0	11.25	NORMALE
43	161539077062	11.25	0.0	11.25	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	6.0	0.0	6.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Energies Renouvelables / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	171839079595	10.0	0.0	10.0	NORMALE
2	171739065620	7.0	0.0	7.0	NORMALE
3	171739064586	14.0	0.0	14.0	NORMALE
4	171739068320	6.0	0.0	6.0	NORMALE
5	181839070282	12.25	0.0	12.25	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	13.25	0.0	13.25	NORMALE
8	181839068233	10.0	0.0	10.0	NORMALE
9	181839065205	5.0	0.0	5.0	NORMALE
10	161639083438	6.5	0.0	6.5	NORMALE
11	181839080164	7.75	0.0	7.75	NORMALE
12	171739066731	14.5	0.0	14.5	NORMALE
13	171739065511	16.25	0.0	16.25	NORMALE
14	181839066564	10.75	0.0	10.75	NORMALE
15	171739069261	9.75	0.0	9.75	NORMALE
16	171739075667	17.5	0.0	17.5	NORMALE
17	171739074303	10.5	0.0	10.5	NORMALE
18	171739081409	7.0	0.0	7.0	NORMALE
19	181839070760	9.75	0.0	9.75	NORMALE
20	161639065547	5.75	0.0	5.75	NORMALE
21	181839063860	6.25	0.0	6.25	NORMALE
22	181839065316	7.75	0.0	7.75	NORMALE
23	181839069013	6.25	0.0	6.25	NORMALE
24	161639065128	7.75	0.0	7.75	NORMALE
25	181839071013	17.75	0.0	17.75	NORMALE
26	171739068725	11.5	0.0	11.5	NORMALE
27	171739064328	7.75	0.0	7.75	NORMALE
28	181839072966	10.75	0.0	10.75	NORMALE
29	161639074126	7.0	0.0	7.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	12.0	0.0	12.0	NORMALE
32	171739075313	5.5	0.0	5.5	NORMALE
33	181839069904	5.0	0.0	5.0	NORMALE
34	181839063065	8.75	0.0	8.75	NORMALE
35	181839071170	6.25	0.0	6.25	NORMALE
36	181839062713	6.25	0.0	6.25	NORMALE
37	181839066501	11.25	0.0	11.25	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	7.5	0.0	7.5	NORMALE
40	181839062981	13.25	0.0	13.25	NORMALE
41	161639075066	5.5	0.0	5.5	NORMALE
42	181839066416	15.5	0.0	15.5	NORMALE
43	181839067151	18.0	0.0	18.0	NORMALE
44	151539066901	15.75	0.0	15.75	NORMALE
45	161539074323	13.75	0.0	13.75	NORMALE
46	201439056467	11.25	0.0	11.25	NORMALE
47	19129038797	11.0	0.0	11.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Informatique et programmation / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	18.0	0.0	18.0	NORMALE
2	181839066566	10.0	0.0	10.0	NORMALE
3	181839071029	16.0	0.0	16.0	NORMALE
4	181839063983	10.0	0.0	10.0	NORMALE
5	181839062753	9.0	0.0	9.0	NORMALE
6	171739069210	9.0	0.0	9.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	13.0	0.0	13.0	NORMALE
9	181839071971	15.5	0.0	15.5	NORMALE
10	171739076623	10.25	0.0	10.25	NORMALE
11	171739068675	14.0	0.0	14.0	NORMALE
12	181839069896	16.5	0.0	16.5	NORMALE
13	20119034996	12.0	0.0	12.0	NORMALE
14	181839069387	10.0	0.0	10.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	10.0	0.0	10.0	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	12.5	0.0	12.5	NORMALE
19	181839073067	12.0	0.0	12.0	NORMALE
20	171739067705	8.0	0.0	8.0	NORMALE
21	171739064457	12.0	0.0	12.0	NORMALE
22	171739065366	13.5	0.0	13.5	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	16.0	0.0	16.0	NORMALE
25	2195320242	14.0	0.0	14.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	11.5	0.0	11.5	NORMALE
28	181839067622	16.0	0.0	16.0	NORMALE
29	181839066208	11.0	0.0	11.0	NORMALE
30	181839070186	8.0	0.0	8.0	NORMALE
31	181839068824	12.0	0.0	12.0	NORMALE
32	181839066500	12.5	0.0	12.5	NORMALE
33	171739075610	14.0	0.0	14.0	NORMALE
34	181839070831	12.5	0.0	12.5	NORMALE
35	161639066786	12.5	0.0	12.5	NORMALE
36	171739066721	10.5	0.0	10.5	NORMALE
37	181839066550	12.0	0.0	12.0	NORMALE
38	171739071467	13.5	0.0	13.5	NORMALE
39	181839065292	11.0	0.0	11.0	NORMALE
40	151539069434	11.0	0.0	11.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	12.0	0.0	12.0	NORMALE
43	161539077062	13.0	0.0	13.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	11.0	0.0	11.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

Matière: Informatique et programmation / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	171839079595	14.5	0.0	14.5	NORMALE
2	171739065620	14.5	0.0	14.5	NORMALE
3	171739064586	16.0	0.0	16.0	NORMALE
4	171739068320	9.0	0.0	9.0	NORMALE
5	181839070282	15.0	0.0	15.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	10.5	0.0	10.5	NORMALE
8	181839068233	11.5	0.0	11.5	NORMALE
9	181839065205	10.0	0.0	10.0	NORMALE
10	161639083438	9.0	0.0	9.0	NORMALE
11	181839080164	0.0	0.0	0.0	NORMALE
12	171739066731	11.0	0.0	11.0	NORMALE
13	171739065511	12.0	0.0	12.0	NORMALE
14	181839066564	0.0	0.0	0.0	NORMALE
15	171739069261	7.5	0.0	7.5	NORMALE
16	171739075667	10.5	0.0	10.5	NORMALE
17	171739074303	14.0	0.0	14.0	NORMALE
18	171739081409	8.0	0.0	8.0	NORMALE
19	181839070760	12.5	0.0	12.5	NORMALE
20	161639065547	10.0	0.0	10.0	NORMALE
21	181839063860	13.0	0.0	13.0	NORMALE
22	181839065316	14.0	0.0	14.0	NORMALE
23	181839069013	19.5	0.0	19.5	NORMALE
24	161639065128	13.5	0.0	13.5	NORMALE
25	181839071013	16.0	0.0	16.0	NORMALE
26	171739068725	12.5	0.0	12.5	NORMALE
27	171739064328	11.0	0.0	11.0	NORMALE
28	181839072966	10.0	0.0	10.0	NORMALE
29	161639074126	12.0	0.0	12.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	12.0	0.0	12.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	8.5	0.0	8.5	NORMALE
34	181839063065	11.5	0.0	11.5	NORMALE
35	181839071170	10.5	0.0	10.5	NORMALE
36	181839062713	9.0	0.0	9.0	NORMALE
37	181839066501	10.5	0.0	10.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	13.0	0.0	13.0	NORMALE
40	181839062981	14.0	0.0	14.0	NORMALE
41	161639075066	7.0	0.0	7.0	NORMALE
42	181839066416	17.5	0.0	17.5	NORMALE
43	181839067151	15.0	0.0	15.0	NORMALE
44	151539066901	14.5	0.0	14.5	NORMALE
45	161539074323	15.0	0.0	15.0	NORMALE
46	201439056467	11.0	0.0	11.0	NORMALE
47	19129038797	11.0	0.0	11.0	NORMALE

2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

Matière: Machines Electriques Approfondies / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	5.5	10.0	7.3	NORMALE
2	181839066566	3.0	11.05	6.22	NORMALE
3	181839071029	6.0	13.17	8.87	NORMALE
4	181839063983	1.0	0.0	0.6	NORMALE
5	181839062753	2.0	14.35	6.94	NORMALE
6	171739069210	0.0	7.53	3.01	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	4.5	13.75	8.2	NORMALE
9	181839071971	0.5	10.0	4.3	NORMALE
10	171739076623	9.4	9.4	9.4	NORMALE
11	171739068675	1.0	7.53	3.61	NORMALE
12	181839069896	2.5	10.0	5.5	NORMALE
13	20119034996	3.0	9.07	5.43	NORMALE
14	181839069387	0.0	4.23	1.69	NORMALE
15	181839051169	0.0	7.53	3.01	NORMALE
16	181839067132	2.5	9.27	5.21	NORMALE
17	2196251071	0.0	12.35	4.94	NORMALE
18	161639070768	0.0	8.35	3.34	NORMALE
19	181839073067	6.0	10.37	7.75	NORMALE
20	171739067705	0.0	11.3	4.52	NORMALE
21	171739064457	3.5	12.35	7.04	NORMALE
22	171739065366	0.0	4.23	1.69	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	6.5	12.8	9.02	NORMALE
25	2195320242	6.5	12.7	8.98	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	5.5	10.48	7.49	NORMALE
28	181839067622	6.5	14.77	9.81	NORMALE
29	181839066208	7.0	11.87	8.95	NORMALE
30	181839070186	3.0	8.57	5.23	NORMALE
31	181839068824	0.0	8.83	3.53	NORMALE
32	181839066500	8.0	12.45	9.78	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	2.5	10.6	5.74	NORMALE
35	161639066786	1.5	10.0	4.9	NORMALE
36	171739066721	10.6	10.6	10.6	NORMALE
37	181839066550	3.5	13.17	7.37	NORMALE
38	171739071467	4.5	7.53	5.71	NORMALE
39	181839065292	3.5	15.65	8.36	NORMALE
40	151539069434	11.8	11.8	11.8	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	13.2	13.2	13.2	NORMALE
43	161539077062	10.0	10.0	10.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	10.0	4.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

Matière: Machines Electriques Approfondies / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	171839079595	2.0	11.3	5.72	NORMALE
2	171739065620	4.5	11.77	7.41	NORMALE
3	171739064586	4.5	14.95	8.68	NORMALE
4	171739068320	0.0	11.3	4.52	NORMALE
5	181839070282	3.5	12.85	7.24	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	4.5	12.35	7.64	NORMALE
8	181839068233	5.5	15.65	9.56	NORMALE
9	181839065205	1.5	10.0	4.9	NORMALE
10	161639083438	1.5	9.55	4.72	NORMALE
11	181839080164	0.0	5.53	2.21	NORMALE
12	171739066731	6.4	6.4	6.4	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	4.5	14.77	8.61	NORMALE
15	171739069261	2.5	10.45	5.68	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	2.5	7.53	4.51	NORMALE
18	171739081409	1.0	10.0	4.6	NORMALE
19	181839070760	1.5	7.53	3.91	NORMALE
20	161639065547	3.0	11.3	6.32	NORMALE
21	181839063860	2.5	16.7	8.18	NORMALE
22	181839065316	0.0	11.05	4.42	NORMALE
23	181839069013	5.0	11.05	7.42	NORMALE
24	161639065128	2.0	8.83	4.73	NORMALE
25	181839071013	7.0	13.52	9.61	NORMALE
26	171739068725	7.5	14.0	10.1	NORMALE
27	171739064328	4.5	10.0	6.7	NORMALE
28	181839072966	3.0	11.3	6.32	NORMALE
29	161639074126	3.0	13.17	7.07	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	5.0	8.05	6.22	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	4.0	11.3	6.92	NORMALE
35	181839071170	2.0	11.87	5.95	NORMALE
36	181839062713	0.0	12.35	4.94	NORMALE
37	181839066501	4.5	10.47	6.89	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	2.5	10.0	5.5	NORMALE
40	181839062981	7.0	16.35	10.74	NORMALE
41	161639075066	0.0	4.23	1.69	NORMALE
42	181839066416	8.5	11.3	9.62	NORMALE
43	181839067151	8.5	16.7	11.78	NORMALE
44	151539066901	5.0	16.7	9.68	NORMALE
45	161539074323	7.8	7.8	7.8	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	2.0	11.3	5.72	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	17.0	17.5	17.2	NORMALE
2	181839066566	1.0	7.0	3.4	NORMALE
3	181839071029	8.0	13.0	10.0	NORMALE
4	181839063983	1.0	7.0	3.4	NORMALE
5	181839062753	1.0	5.0	2.6	NORMALE
6	171739069210	0.5	4.0	1.9	NORMALE
7	171739069278	0.5	0.0	0.3	NORMALE
8	181839071062	10.0	17.0	12.8	NORMALE
9	181839071971	0.5	3.0	1.5	NORMALE
10	171739076623	4.2	4.2	4.2	NORMALE
11	171739068675	0.5	0.0	0.3	NORMALE
12	181839069896	1.0	6.0	3.0	NORMALE
13	20119034996	10.0	16.0	12.4	NORMALE
14	181839069387	0.5	3.0	1.5	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	3.0	9.0	5.4	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	1.0	8.0	3.8	NORMALE
19	181839073067	3.0	7.0	4.6	NORMALE
20	171739067705	4.0	13.0	7.6	NORMALE
21	171739064457	0.5	6.0	2.7	NORMALE
22	171739065366	0.5	0.0	0.3	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	18.0	18.0	18.0	NORMALE
25	2195320242	1.0	8.0	3.8	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	5.0	9.0	6.6	NORMALE
28	181839067622	8.0	10.0	8.8	NORMALE
29	181839066208	14.0	15.0	14.4	NORMALE
30	181839070186	2.0	10.0	5.2	NORMALE
31	181839068824	0.5	3.0	1.5	NORMALE
32	181839066500	12.0	16.0	13.6	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	1.0	8.0	3.8	NORMALE
35	161639066786	1.0	7.0	3.4	NORMALE
36	171739066721	9.4	9.4	9.4	NORMALE
37	181839066550	7.0	6.0	6.6	NORMALE
38	171739071467	2.0	4.0	2.8	NORMALE
39	181839065292	2.0	7.0	4.0	NORMALE
40	151539069434	8.8	8.8	8.8	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	10.0	10.0	10.0	NORMALE
43	161539077062	3.0	6.0	4.2	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	2.0	9.0	4.8	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	7.0	13.0	9.4	NORMALE
2	171739065620	17.5	12.0	15.3	NORMALE
3	171739064586	17.0	12.5	15.2	NORMALE
4	171739068320	3.0	6.0	4.2	NORMALE
5	181839070282	2.0	9.0	4.8	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	8.0	8.5	8.2	NORMALE
8	181839068233	20.0	14.0	17.6	NORMALE
9	181839065205	1.0	9.0	4.2	NORMALE
10	161639083438	3.0	6.0	4.2	NORMALE
11	181839080164	2.0	6.0	3.6	NORMALE
12	171739066731	7.2	7.2	7.2	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	6.0	6.0	6.0	NORMALE
15	171739069261	2.0	7.0	4.0	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	0.5	9.0	3.9	NORMALE
18	171739081409	0.5	4.0	1.9	NORMALE
19	181839070760	2.0	16.5	7.8	NORMALE
20	161639065547	2.0	10.5	5.4	NORMALE
21	181839063860	14.0	15.0	14.4	NORMALE
22	181839065316	1.0	8.0	3.8	NORMALE
23	181839069013	2.0	6.0	3.6	NORMALE
24	161639065128	7.0	13.0	9.4	NORMALE
25	181839071013	7.0	13.0	9.4	NORMALE
26	171739068725	11.0	16.5	13.2	NORMALE
27	171739064328	2.5	1.0	1.9	NORMALE
28	181839072966	2.0	6.0	3.6	NORMALE
29	161639074126	2.0	7.0	4.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	3.0	10.5	6.0	NORMALE
32	171739075313	0.5	0.0	0.3	NORMALE
33	181839069904	0.5	6.0	2.7	NORMALE
34	181839063065	6.0	13.0	8.8	NORMALE
35	181839071170	2.0	6.0	3.6	NORMALE
36	181839062713	0.5	6.0	2.7	NORMALE
37	181839066501	10.0	7.0	8.8	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	2.0	12.0	6.0	NORMALE
40	181839062981	12.0	13.0	12.4	NORMALE
41	161639075066	0.0	6.0	2.4	NORMALE
42	181839066416	1.0	6.0	3.0	NORMALE
43	181839067151	17.0	16.5	16.8	NORMALE
44	151539066901	17.0	16.0	16.6	NORMALE
45	161539074323	3.7	3.7	3.7	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	6.0	16.5	10.2	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	11.0	0.0	11.0	NORMALE
2	181839066566	10.0	0.0	10.0	NORMALE
3	181839071029	10.0	0.0	10.0	NORMALE
4	181839063983	10.5	0.0	10.5	NORMALE
5	181839062753	12.5	0.0	12.5	NORMALE
6	171739069210	10.0	0.0	10.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	11.5	0.0	11.5	NORMALE
9	181839071971	11.0	0.0	11.0	NORMALE
10	171739076623	8.5	0.0	8.5	NORMALE
11	171739068675	10.0	0.0	10.0	NORMALE
12	181839069896	8.0	0.0	8.0	NORMALE
13	20119034996	13.0	0.0	13.0	NORMALE
14	181839069387	10.0	0.0	10.0	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	8.5	0.0	8.5	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	11.0	0.0	11.0	NORMALE
19	181839073067	10.0	0.0	10.0	NORMALE
20	171739067705	10.0	0.0	10.0	NORMALE
21	171739064457	11.5	0.0	11.5	NORMALE
22	171739065366	8.0	0.0	8.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	10.0	0.0	10.0	NORMALE
25	2195320242	16.0	0.0	16.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	11.5	0.0	11.5	NORMALE
28	181839067622	16.0	0.0	16.0	NORMALE
29	181839066208	13.0	0.0	13.0	NORMALE
30	181839070186	12.0	0.0	12.0	NORMALE
31	181839068824	10.0	0.0	10.0	NORMALE
32	181839066500	13.0	0.0	13.0	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	12.0	0.0	12.0	NORMALE
35	161639066786	11.0	0.0	11.0	NORMALE
36	171739066721	10.0	0.0	10.0	NORMALE
37	181839066550	11.0	0.0	11.0	NORMALE
38	171739071467	11.0	0.0	11.0	NORMALE
39	181839065292	11.0	0.0	11.0	NORMALE
40	151539069434	7.0	0.0	7.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	10.5	0.0	10.5	NORMALE
43	161539077062	8.5	0.0	8.5	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	11.0	0.0	11.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	10.0	0.0	10.0	NORMALE
2	171739065620	10.0	0.0	10.0	NORMALE
3	171739064586	12.5	0.0	12.5	NORMALE
4	171739068320	10.5	0.0	10.5	NORMALE
5	181839070282	12.5	0.0	12.5	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	16.0	0.0	16.0	NORMALE
8	181839068233	10.0	0.0	10.0	NORMALE
9	181839065205	8.5	0.0	8.5	NORMALE
10	161639083438	7.0	0.0	7.0	NORMALE
11	181839080164	7.0	0.0	7.0	NORMALE
12	171739066731	14.0	0.0	14.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	11.0	0.0	11.0	NORMALE
15	171739069261	10.0	0.0	10.0	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	10.0	0.0	10.0	NORMALE
18	171739081409	10.5	0.0	10.5	NORMALE
19	181839070760	10.0	0.0	10.0	NORMALE
20	161639065547	6.5	0.0	6.5	NORMALE
21	181839063860	10.0	0.0	10.0	NORMALE
22	181839065316	7.5	0.0	7.5	NORMALE
23	181839069013	10.0	0.0	10.0	NORMALE
24	161639065128	10.5	0.0	10.5	NORMALE
25	181839071013	16.0	0.0	16.0	NORMALE
26	171739068725	0.0	0.0	0.0	NORMALE
27	171739064328	10.0	0.0	10.0	NORMALE
28	181839072966	12.0	0.0	12.0	NORMALE
29	161639074126	10.0	0.0	10.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	10.0	0.0	10.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	7.5	0.0	7.5	NORMALE
34	181839063065	10.0	0.0	10.0	NORMALE
35	181839071170	6.0	0.0	6.0	NORMALE
36	181839062713	10.0	0.0	10.0	NORMALE
37	181839066501	14.0	0.0	14.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	16.0	0.0	16.0	NORMALE
40	181839062981	11.5	0.0	11.5	NORMALE
41	161639075066	6.5	0.0	6.5	NORMALE
42	181839066416	14.0	0.0	14.0	NORMALE
43	181839067151	17.0	0.0	17.0	NORMALE
44	151539066901	14.0	0.0	14.0	NORMALE
45	161539074323	11.0	0.0	11.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	8.5	0.0	8.5	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	12.5	16.0	13.9	NORMALE
2	181839066566	3.0	8.0	5.0	NORMALE
3	181839071029	10.0	17.0	12.8	NORMALE
4	181839063983	2.0	7.0	4.0	NORMALE
5	181839062753	7.25	7.0	7.15	NORMALE
6	171739069210	7.5	7.0	7.3	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	14.25	11.0	12.95	NORMALE
9	181839071971	8.75	7.0	8.05	NORMALE
10	171739076623	6.6	6.6	6.6	NORMALE
11	171739068675	7.5	7.0	7.3	NORMALE
12	181839069896	13.75	10.0	12.25	NORMALE
13	20119034996	11.75	7.0	9.85	NORMALE
14	181839069387	4.25	7.0	5.35	NORMALE
15	181839051169	0.0	0.0	0.0	NORMALE
16	181839067132	12.25	7.0	10.15	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	8.0	7.0	7.6	NORMALE
19	181839073067	12.25	16.0	13.75	NORMALE
20	171739067705	6.0	7.0	6.4	NORMALE
21	171739064457	5.25	8.0	6.35	NORMALE
22	171739065366	5.0	7.0	5.8	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	15.0	19.0	16.6	NORMALE
25	2195320242	8.0	9.0	8.4	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	8.75	13.0	10.45	NORMALE
28	181839067622	13.5	14.0	13.7	NORMALE
29	181839066208	10.0	14.0	11.6	NORMALE
30	181839070186	12.75	7.0	10.45	NORMALE
31	181839068824	2.0	7.0	4.0	NORMALE
32	181839066500	17.5	20.0	18.5	NORMALE
33	171739075610	0.0	0.0	0.0	NORMALE
34	181839070831	10.0	10.0	10.0	NORMALE
35	161639066786	0.0	7.0	2.8	NORMALE
36	171739066721	10.65	10.65	10.65	NORMALE
37	181839066550	7.0	13.0	9.4	NORMALE
38	171739071467	14.25	7.0	11.35	NORMALE
39	181839065292	10.0	10.0	10.0	NORMALE
40	151539069434	3.0	3.0	3.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	16.2	16.2	16.2	NORMALE
43	161539077062	10.25	7.0	8.95	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	4.75	7.0	5.65	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	7.75	10.0	8.65	NORMALE
2	171739065620	14.25	10.0	12.55	NORMALE
3	171739064586	16.25	16.0	16.15	NORMALE
4	171739068320	8.0	10.0	8.8	NORMALE
5	181839070282	4.75	10.0	6.85	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	12.0	10.0	11.2	NORMALE
8	181839068233	14.0	13.0	13.6	NORMALE
9	181839065205	2.75	7.0	4.45	NORMALE
10	161639083438	8.5	10.0	9.1	NORMALE
11	181839080164	0.0	7.0	2.8	NORMALE
12	171739066731	12.3	12.3	12.3	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	7.5	16.5	11.1	NORMALE
15	171739069261	2.0	10.0	5.2	NORMALE
16	171739075667	0.0	0.0	0.0	NORMALE
17	171739074303	4.75	8.0	6.05	NORMALE
18	171739081409	4.25	7.0	5.35	NORMALE
19	181839070760	11.25	11.0	11.15	NORMALE
20	161639065547	11.5	7.0	9.7	NORMALE
21	181839063860	14.25	14.0	14.15	NORMALE
22	181839065316	10.75	10.0	10.45	NORMALE
23	181839069013	15.5	10.0	13.3	NORMALE
24	161639065128	12.0	9.0	10.8	NORMALE
25	181839071013	12.5	13.5	12.9	NORMALE
26	171739068725	14.75	16.0	15.25	NORMALE
27	171739064328	7.0	10.0	8.2	NORMALE
28	181839072966	11.5	8.0	10.1	NORMALE
29	161639074126	12.25	15.0	13.35	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	12.75	14.0	13.25	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	2.0	7.0	4.0	NORMALE
34	181839063065	7.0	10.0	8.2	NORMALE
35	181839071170	10.75	10.0	10.45	NORMALE
36	181839062713	2.0	9.0	4.8	NORMALE
37	181839066501	13.25	12.0	12.75	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	8.75	7.0	8.05	NORMALE
40	181839062981	16.5	17.0	16.7	NORMALE
41	161639075066	3.25	7.0	4.75	NORMALE
42	181839066416	10.0	9.0	9.6	NORMALE
43	181839067151	18.0	20.0	18.8	NORMALE
44	151539066901	10.25	14.5	11.95	NORMALE
45	161539074323	8.8	8.8	8.8	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	13.5	15.0	14.1	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	12.5	12.5	NORMALE
2	181839066566	0.0	11.5	11.5	NORMALE
3	181839071029	0.0	12.0	12.0	NORMALE
4	181839063983	0.0	15.0	15.0	NORMALE
5	181839062753	0.0	12.0	12.0	NORMALE
6	171739069210	0.0	6.5	6.5	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	13.0	13.0	NORMALE
9	181839071971	0.0	15.0	15.0	NORMALE
10	171739076623	11.75	11.75	11.75	NORMALE
11	171739068675	8.5	8.5	8.5	NORMALE
12	181839069896	0.0	11.0	11.0	NORMALE
13	20119034996	0.0	15.0	15.0	NORMALE
14	181839069387	0.0	12.0	12.0	NORMALE
15	181839051169	0.0	6.0	6.0	NORMALE
16	181839067132	0.0	13.0	13.0	NORMALE
17	2196251071	0.0	7.5	7.5	NORMALE
18	161639070768	0.0	13.0	13.0	NORMALE
19	181839073067	0.0	15.0	15.0	NORMALE
20	171739067705	0.0	10.0	10.0	NORMALE
21	171739064457	0.0	13.0	13.0	NORMALE
22	171739065366	0.0	10.0	10.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	14.0	14.0	NORMALE
25	2195320242	0.0	13.0	13.0	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	9.0	9.0	NORMALE
28	181839067622	0.0	12.0	12.0	NORMALE
29	181839066208	0.0	16.0	16.0	NORMALE
30	181839070186	0.0	16.0	16.0	NORMALE
31	181839068824	0.0	13.0	13.0	NORMALE
32	181839066500	0.0	13.0	13.0	NORMALE
33	171739075610	9.0	9.0	9.0	NORMALE
34	181839070831	0.0	13.0	13.0	NORMALE
35	161639066786	0.0	14.0	14.0	NORMALE
36	171739066721	9.0	9.0	9.0	NORMALE
37	181839066550	0.0	12.0	12.0	NORMALE
38	171739071467	0.0	14.0	14.0	NORMALE
39	181839065292	0.0	16.0	16.0	NORMALE
40	151539069434	11.75	11.75	11.75	NORMALE
41	21129048570	0.0	5.0	5.0	NORMALE
42	191539066881	9.0	9.0	9.0	NORMALE
43	161539077062	9.0	9.0	9.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	12.0	12.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	13.0	13.0	NORMALE
2	171739065620	0.0	16.0	16.0	NORMALE
3	171739064586	0.0	18.0	18.0	NORMALE
4	171739068320	0.0	12.0	12.0	NORMALE
5	181839070282	0.0	12.0	12.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	17.0	17.0	NORMALE
8	181839068233	0.0	16.0	16.0	NORMALE
9	181839065205	0.0	14.0	14.0	NORMALE
10	161639083438	0.0	12.0	12.0	NORMALE
11	181839080164	0.0	15.0	15.0	NORMALE
12	171739066731	11.0	11.0	11.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	13.0	13.0	NORMALE
15	171739069261	0.0	13.0	13.0	NORMALE
16	171739075667	11.75	11.75	11.75	NORMALE
17	171739074303	0.0	12.0	12.0	NORMALE
18	171739081409	0.0	14.0	14.0	NORMALE
19	181839070760	0.0	12.0	12.0	NORMALE
20	161639065547	0.0	15.0	15.0	NORMALE
21	181839063860	0.0	12.0	12.0	NORMALE
22	181839065316	0.0	15.0	15.0	NORMALE
23	181839069013	0.0	13.0	13.0	NORMALE
24	161639065128	0.0	15.0	15.0	NORMALE
25	181839071013	0.0	13.0	13.0	NORMALE
26	171739068725	0.0	12.0	12.0	NORMALE
27	171739064328	0.0	11.0	11.0	NORMALE
28	181839072966	0.0	12.0	12.0	NORMALE
29	161639074126	0.0	12.0	12.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	10.0	10.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	10.0	10.0	NORMALE
34	181839063065	0.0	12.0	12.0	NORMALE
35	181839071170	0.0	11.0	11.0	NORMALE
36	181839062713	0.0	13.0	13.0	NORMALE
37	181839066501	0.0	13.0	13.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	13.0	13.0	NORMALE
40	181839062981	0.0	15.0	15.0	NORMALE
41	161639075066	0.0	6.5	6.5	NORMALE
42	181839066416	0.0	12.0	12.0	NORMALE
43	181839067151	0.0	13.0	13.0	NORMALE
44	151539066901	0.0	15.0	15.0	NORMALE
45	161539074323	11.25	11.25	11.25	NORMALE
46	201439056467	13.25	13.25	13.25	NORMALE
47	19129038797	0.0	13.0	13.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

Matière: TP Machines Electriques Approfondies / Section A / 1

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	11.25	11.25	NORMALE
2	181839066566	0.0	8.75	8.75	NORMALE
3	181839071029	0.0	12.0	12.0	NORMALE
4	181839063983	0.0	6.5	6.5	NORMALE
5	181839062753	0.0	7.25	7.25	NORMALE
6	171739069210	0.0	7.5	7.5	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	8.5	8.5	NORMALE
9	181839071971	0.0	14.25	14.25	NORMALE
10	171739076623	0.0	15.0	15.0	NORMALE
11	171739068675	0.0	12.0	12.0	NORMALE
12	181839069896	0.0	9.25	9.25	NORMALE
13	20119034996	0.0	8.25	8.25	NORMALE
14	181839069387	0.0	11.25	11.25	NORMALE
15	181839051169	0.0	4.0	4.0	NORMALE
16	181839067132	0.0	6.75	6.75	NORMALE
17	2196251071	0.0	9.25	9.25	NORMALE
18	161639070768	0.0	12.75	12.75	NORMALE
19	181839073067	0.0	15.5	15.5	NORMALE
20	171739067705	0.0	10.5	10.5	NORMALE
21	171739064457	0.0	12.0	12.0	NORMALE
22	171739065366	0.0	13.0	13.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	9.75	9.75	NORMALE
25	2195320242	0.0	12.25	12.25	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	10.25	10.25	NORMALE
28	181839067622	0.0	10.0	10.0	NORMALE
29	181839066208	0.0	11.0	11.0	NORMALE
30	181839070186	0.0	7.75	7.75	NORMALE
31	181839068824	0.0	6.75	6.75	NORMALE
32	181839066500	0.0	13.75	13.75	NORMALE
33	171739075610	0.0	11.0	11.0	NORMALE
34	181839070831	0.0	8.75	8.75	NORMALE
35	161639066786	0.0	7.75	7.75	NORMALE
36	171739066721	0.0	11.0	11.0	NORMALE
37	181839066550	0.0	7.25	7.25	NORMALE
38	171739071467	0.0	13.0	13.0	NORMALE
39	181839065292	0.0	8.5	8.5	NORMALE
40	151539069434	0.0	12.0	12.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	13.0	13.0	NORMALE
43	161539077062	0.0	11.0	11.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	12.5	12.5	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

Matière: TP Machines Electriques Approfondies / Section A / 2

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	8.75	8.75	NORMALE
2	171739065620	0.0	10.5	10.5	NORMALE
3	171739064586	0.0	14.0	14.0	NORMALE
4	171739068320	0.0	7.25	7.25	NORMALE
5	181839070282	0.0	10.75	10.75	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	8.5	8.5	NORMALE
8	181839068233	0.0	14.75	14.75	NORMALE
9	181839065205	0.0	7.0	7.0	NORMALE
10	161639083438	0.0	9.75	9.75	NORMALE
11	181839080164	0.0	10.0	10.0	NORMALE
12	171739066731	0.0	13.0	13.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	14.25	14.25	NORMALE
15	171739069261	0.0	10.25	10.25	NORMALE
16	171739075667	0.0	11.0	11.0	NORMALE
17	171739074303	0.0	14.75	14.75	NORMALE
18	171739081409	0.0	10.5	10.5	NORMALE
19	181839070760	0.0	14.25	14.25	NORMALE
20	161639065547	0.0	11.0	11.0	NORMALE
21	181839063860	0.0	10.0	10.0	NORMALE
22	181839065316	0.0	14.5	14.5	NORMALE
23	181839069013	0.0	11.25	11.25	NORMALE
24	161639065128	0.0	9.0	9.0	NORMALE
25	181839071013	0.0	12.5	12.5	NORMALE
26	171739068725	0.0	15.5	15.5	NORMALE
27	171739064328	0.0	0.0	0.0	NORMALE
28	181839072966	0.0	14.0	14.0	NORMALE
29	161639074126	0.0	9.75	9.75	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	12.25	12.25	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	6.25	6.25	NORMALE
34	181839063065	0.0	9.5	9.5	NORMALE
35	181839071170	0.0	10.25	10.25	NORMALE
36	181839062713	0.0	6.5	6.5	NORMALE
37	181839066501	0.0	12.0	12.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	10.0	10.0	NORMALE
40	181839062981	0.0	16.5	16.5	NORMALE
41	161639075066	0.0	4.0	4.0	NORMALE
42	181839066416	0.0	13.75	13.75	NORMALE
43	181839067151	0.0	16.75	16.75	NORMALE
44	151539066901	0.0	14.25	14.25	NORMALE
45	161539074323	0.0	11.0	11.0	NORMALE
46	201439056467	0.0	11.0	11.0	NORMALE
47	19129038797	0.0	9.0	9.0	NORMALE

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	13.5	13.5	NORMALE
2	181839066566	0.0	7.25	7.25	NORMALE
3	181839071029	0.0	12.0	12.0	NORMALE
4	181839063983	0.0	11.88	11.88	NORMALE
5	181839062753	0.0	7.0	7.0	NORMALE
6	171739069210	0.0	7.0	7.0	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	12.0	12.0	NORMALE
9	181839071971	0.0	7.5	7.5	NORMALE
10	171739076623	0.0	14.5	14.5	NORMALE
11	171739068675	0.0	13.0	13.0	NORMALE
12	181839069896	0.0	9.75	9.75	NORMALE
13	20119034996	0.0	11.75	11.75	NORMALE
14	181839069387	0.0	7.5	7.5	NORMALE
15	181839051169	0.0	7.0	7.0	NORMALE
16	181839067132	0.0	10.63	10.63	NORMALE
17	2196251071	0.0	2.75	2.75	NORMALE
18	161639070768	0.0	0.0	0.0	NORMALE
19	181839073067	0.0	11.0	11.0	NORMALE
20	171739067705	0.0	8.13	8.13	NORMALE
21	171739064457	0.0	11.0	11.0	NORMALE
22	171739065366	0.0	13.0	13.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	13.5	13.5	NORMALE
25	2195320242	0.0	10.5	10.5	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	13.5	13.5	NORMALE
28	181839067622	0.0	5.25	5.25	NORMALE
29	181839066208	0.0	12.25	12.25	NORMALE
30	181839070186	0.0	9.0	9.0	NORMALE
31	181839068824	0.0	7.5	7.5	NORMALE
32	181839066500	0.0	12.25	12.25	NORMALE
33	171739075610	0.0	12.5	12.5	NORMALE
34	181839070831	0.0	11.88	11.88	NORMALE
35	161639066786	0.0	11.88	11.88	NORMALE
36	171739066721	0.0	14.5	14.5	NORMALE
37	181839066550	0.0	11.63	11.63	NORMALE
38	171739071467	0.0	7.5	7.5	NORMALE
39	181839065292	0.0	10.75	10.75	NORMALE
40	151539069434	0.0	14.0	14.0	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	13.5	13.5	NORMALE
43	161539077062	0.0	13.5	13.5	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	9.75	9.75	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	14.5	14.5	NORMALE
2	171739065620	0.0	15.5	15.5	NORMALE
3	171739064586	0.0	15.0	15.0	NORMALE
4	171739068320	0.0	13.5	13.5	NORMALE
5	181839070282	0.0	14.5	14.5	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	14.5	14.5	NORMALE
8	181839068233	0.0	14.5	14.5	NORMALE
9	181839065205	0.0	14.0	14.0	NORMALE
10	161639083438	0.0	14.5	14.5	NORMALE
11	181839080164	0.0	13.5	13.5	NORMALE
12	171739066731	0.0	13.5	13.5	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	14.5	14.5	NORMALE
15	171739069261	0.0	13.0	13.0	NORMALE
16	171739075667	0.0	13.0	13.0	NORMALE
17	171739074303	0.0	13.5	13.5	NORMALE
18	171739081409	0.0	14.0	14.0	NORMALE
19	181839070760	0.0	14.5	14.5	NORMALE
20	161639065547	0.0	14.0	14.0	NORMALE
21	181839063860	0.0	14.5	14.5	NORMALE
22	181839065316	0.0	13.5	13.5	NORMALE
23	181839069013	0.0	14.5	14.5	NORMALE
24	161639065128	0.0	15.5	15.5	NORMALE
25	181839071013	0.0	15.0	15.0	NORMALE
26	171739068725	0.0	14.0	14.0	NORMALE
27	171739064328	0.0	14.0	14.0	NORMALE
28	181839072966	0.0	14.5	14.5	NORMALE
29	161639074126	0.0	14.5	14.5	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	12.0	12.0	NORMALE
34	181839063065	0.0	14.0	14.0	NORMALE
35	181839071170	0.0	13.5	13.5	NORMALE
36	181839062713	0.0	14.0	14.0	NORMALE
37	181839066501	0.0	14.5	14.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	15.0	15.0	NORMALE
40	181839062981	0.0	14.0	14.0	NORMALE
41	161639075066	0.0	12.0	12.0	NORMALE
42	181839066416	0.0	14.5	14.5	NORMALE
43	181839067151	0.0	14.5	14.5	NORMALE
44	151539066901	0.0	14.5	14.5	NORMALE
45	161539074323	0.0	12.5	12.5	NORMALE
46	201439056467	0.0	13.0	13.0	NORMALE
47	19129038797	0.0	14.5	14.5	NORMALE

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	15.5	15.5	NORMALE
2	181839066566	0.0	16.0	16.0	NORMALE
3	181839071029	0.0	16.5	16.5	NORMALE
4	181839063983	0.0	15.0	15.0	NORMALE
5	181839062753	0.0	15.5	15.5	NORMALE
6	171739069210	0.0	15.5	15.5	NORMALE
7	171739069278	0.0	0.0	0.0	NORMALE
8	181839071062	0.0	16.5	16.5	NORMALE
9	181839071971	0.0	14.0	14.0	NORMALE
10	171739076623	0.0	18.0	18.0	NORMALE
11	171739068675	0.0	11.0	11.0	NORMALE
12	181839069896	0.0	15.0	15.0	NORMALE
13	20119034996	0.0	16.5	16.5	NORMALE
14	181839069387	0.0	14.0	14.0	NORMALE
15	181839051169	0.0	10.5	10.5	NORMALE
16	181839067132	0.0	15.5	15.5	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	14.0	14.0	NORMALE
19	181839073067	0.0	16.0	16.0	NORMALE
20	171739067705	0.0	15.5	15.5	NORMALE
21	171739064457	0.0	16.0	16.0	NORMALE
22	171739065366	0.0	0.0	0.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	15.5	15.5	NORMALE
25	2195320242	0.0	17.5	17.5	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	15.5	15.5	NORMALE
28	181839067622	0.0	0.0	0.0	NORMALE
29	181839066208	0.0	16.5	16.5	NORMALE
30	181839070186	0.0	16.5	16.5	NORMALE
31	181839068824	0.0	15.0	15.0	NORMALE
32	181839066500	0.0	16.0	16.0	NORMALE
33	171739075610	0.0	16.0	16.0	NORMALE
34	181839070831	0.0	15.0	15.0	NORMALE
35	161639066786	0.0	15.0	15.0	NORMALE
36	171739066721	0.0	16.0	16.0	NORMALE
37	181839066550	0.0	16.5	16.5	NORMALE
38	171739071467	0.0	14.0	14.0	NORMALE
39	181839065292	0.0	15.5	15.5	NORMALE
40	151539069434	0.0	19.5	19.5	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	17.5	17.5	NORMALE
43	161539077062	0.0	15.0	15.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	15.0	15.0	NORMALE

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2021/2022

Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	15.5	15.5	NORMALE
2	171739065620	0.0	17.0	17.0	NORMALE
3	171739064586	0.0	16.5	16.5	NORMALE
4	171739068320	0.0	16.0	16.0	NORMALE
5	181839070282	0.0	15.5	15.5	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	15.5	15.5	NORMALE
8	181839068233	0.0	15.0	15.0	NORMALE
9	181839065205	0.0	15.0	15.0	NORMALE
10	161639083438	0.0	17.0	17.0	NORMALE
11	181839080164	0.0	15.5	15.5	NORMALE
12	171739066731	0.0	15.5	15.5	NORMALE
13	171739065511	0.0	17.5	17.5	NORMALE
14	181839066564	0.0	17.5	17.5	NORMALE
15	171739069261	0.0	15.5	15.5	NORMALE
16	171739075667	0.0	16.0	16.0	NORMALE
17	171739074303	0.0	15.5	15.5	NORMALE
18	171739081409	0.0	17.0	17.0	NORMALE
19	181839070760	0.0	15.5	15.5	NORMALE
20	161639065547	0.0	14.5	14.5	NORMALE
21	181839063860	0.0	15.0	15.0	NORMALE
22	181839065316	0.0	15.0	15.0	NORMALE
23	181839069013	0.0	17.0	17.0	NORMALE
24	161639065128	0.0	18.0	18.0	NORMALE
25	181839071013	0.0	16.5	16.5	NORMALE
26	171739068725	0.0	15.5	15.5	NORMALE
27	171739064328	0.0	16.0	16.0	NORMALE
28	181839072966	0.0	17.0	17.0	NORMALE
29	161639074126	0.0	17.0	17.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	15.0	15.0	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	0.0	0.0	NORMALE
34	181839063065	0.0	14.5	14.5	NORMALE
35	181839071170	0.0	15.0	15.0	NORMALE
36	181839062713	0.0	15.5	15.5	NORMALE
37	181839066501	0.0	17.5	17.5	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	14.5	14.5	NORMALE
40	181839062981	0.0	15.5	15.5	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	17.5	17.5	NORMALE
43	181839067151	0.0	15.0	15.0	NORMALE
44	151539066901	0.0	17.0	17.0	NORMALE
45	161539074323	0.0	16.0	16.0	NORMALE
46	201439056467	0.0	20.0	20.0	NORMALE
47	19129038797	0.0	17.0	17.0	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	181839063047	0.0	10.75	10.75	NORMALE
2	181839066566	0.0	11.65	11.65	NORMALE
3	181839071029	0.0	11.4	11.4	NORMALE
4	181839063983	0.0	10.88	10.88	NORMALE
5	181839062753	0.0	12.6	12.6	NORMALE
6	171739069210	0.0	12.45	12.45	NORMALE
7	171739069278	0.0	5.03	5.03	NORMALE
8	181839071062	0.0	12.03	12.03	NORMALE
9	181839071971	0.0	12.0	12.0	NORMALE
10	171739076623	0.0	12.5	12.5	NORMALE
11	171739068675	0.0	10.0	10.0	NORMALE
12	181839069896	0.0	10.83	10.83	NORMALE
13	20119034996	0.0	11.93	11.93	NORMALE
14	181839069387	0.0	12.0	12.0	NORMALE
15	181839051169	0.0	10.75	10.75	NORMALE
16	181839067132	0.0	11.6	11.6	NORMALE
17	2196251071	0.0	0.0	0.0	NORMALE
18	161639070768	0.0	0.0	0.0	NORMALE
19	181839073067	0.0	13.58	13.58	NORMALE
20	171739067705	0.0	11.0	11.0	NORMALE
21	171739064457	0.0	13.28	13.28	NORMALE
22	171739065366	0.0	6.0	6.0	NORMALE
23	161639073894	0.0	0.0	0.0	NORMALE
24	171739081444	0.0	11.5	11.5	NORMALE
25	2195320242	0.0	10.23	10.23	NORMALE
26	171739074735	0.0	0.0	0.0	NORMALE
27	181839063196	0.0	11.65	11.65	NORMALE
28	181839067622	0.0	11.38	11.38	NORMALE
29	181839066208	0.0	12.3	12.3	NORMALE
30	181839070186	0.0	12.45	12.45	NORMALE
31	181839068824	0.0	12.0	12.0	NORMALE
32	181839066500	0.0	14.45	14.45	NORMALE
33	171739075610	0.0	11.75	11.75	NORMALE
34	181839070831	0.0	12.9	12.9	NORMALE
35	161639066786	0.0	13.48	13.48	NORMALE
36	171739066721	0.0	11.75	11.75	NORMALE
37	181839066550	0.0	12.38	12.38	NORMALE
38	171739071467	0.0	7.0	7.0	NORMALE
39	181839065292	0.0	12.3	12.3	NORMALE
40	151539069434	0.0	10.75	10.75	NORMALE
41	21129048570	0.0	0.0	0.0	NORMALE
42	191539066881	0.0	10.7	10.7	NORMALE
43	161539077062	0.0	11.0	11.0	NORMALE
44	161339053225	0.0	0.0	0.0	NORMALE
45	131339037246	0.0	12.18	12.18	NORMALE

Signature de l'enseignant:

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Filière: electrotechnique
commandes électriques

Niveau:

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

#	Matricule	Examen	CC	MG	Session
1	171839079595	0.0	12.0	12.0	NORMALE
2	171739065620	0.0	14.25	14.25	NORMALE
3	171739064586	0.0	15.5	15.5	NORMALE
4	171739068320	0.0	12.0	12.0	NORMALE
5	181839070282	0.0	8.0	8.0	NORMALE
6	181839069785	0.0	0.0	0.0	NORMALE
7	181839070819	0.0	14.0	14.0	NORMALE
8	181839068233	0.0	16.0	16.0	NORMALE
9	181839065205	0.0	13.0	13.0	NORMALE
10	161639083438	0.0	15.0	15.0	NORMALE
11	181839080164	0.0	12.0	12.0	NORMALE
12	171739066731	0.0	10.0	10.0	NORMALE
13	171739065511	0.0	0.0	0.0	NORMALE
14	181839066564	0.0	16.0	16.0	NORMALE
15	171739069261	0.0	7.0	7.0	NORMALE
16	171739075667	0.0	11.75	11.75	NORMALE
17	171739074303	0.0	14.5	14.5	NORMALE
18	171739081409	0.0	14.25	14.25	NORMALE
19	181839070760	0.0	14.5	14.5	NORMALE
20	161639065547	0.0	14.5	14.5	NORMALE
21	181839063860	0.0	13.5	13.5	NORMALE
22	181839065316	0.0	13.5	13.5	NORMALE
23	181839069013	0.0	15.0	15.0	NORMALE
24	161639065128	0.0	13.75	13.75	NORMALE
25	181839071013	0.0	15.5	15.5	NORMALE
26	171739068725	0.0	14.5	14.5	NORMALE
27	171739064328	0.0	0.0	0.0	NORMALE
28	181839072966	0.0	13.5	13.5	NORMALE
29	161639074126	0.0	15.0	15.0	NORMALE
30	161639077400	0.0	0.0	0.0	NORMALE
31	181839067100	0.0	10.65	10.65	NORMALE
32	171739075313	0.0	0.0	0.0	NORMALE
33	181839069904	0.0	6.0	6.0	NORMALE
34	181839063065	0.0	14.5	14.5	NORMALE
35	181839071170	0.0	13.0	13.0	NORMALE
36	181839062713	0.0	13.0	13.0	NORMALE
37	181839066501	0.0	16.0	16.0	NORMALE
38	181839067092	0.0	0.0	0.0	NORMALE
39	181839071031	0.0	14.5	14.5	NORMALE
40	181839062981	0.0	16.0	16.0	NORMALE
41	161639075066	0.0	0.0	0.0	NORMALE
42	181839066416	0.0	16.0	16.0	NORMALE
43	181839067151	0.0	16.0	16.0	NORMALE
44	151539066901	0.0	13.0	13.0	NORMALE
45	161539074323	0.0	11.0	11.0	NORMALE
46	201439056467	0.0	0.0	0.0	NORMALE
47	19129038797	0.0	15.0	15.0	NORMALE

Signature de l'enseignant:

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