

Filière: génie des procédés génie chimique

Matière: Analyse Numérique / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	10.1	10.1	10.1	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	4.0	8.0	5.6	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	6.0	12.2	8.48	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	3.0	14.0	7.4	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	6.0	10.4	7.76	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	3.0	7.6	4.84	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	8.8	3.52	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	11.0	14.0	12.2	NORMALE
18	181839067606	1.0	8.0	3.8	NORMALE
19	161639072619	10.0	10.0	10.0	NORMALE
20	21069056594	6.0	13.4	8.96	NORMALE
21	171739072831	4.0	10.1	6.44	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	10.0	10.0	10.0	NORMALE
24	181839073660	5.0	11.0	7.4	NORMALE
25	171739074823	10.0	10.0	10.0	NORMALE
26	181839069464	11.0	12.8	11.72	NORMALE
27	171739064444	11.4	11.4	11.4	NORMALE
28	161639083633	1.0	0.0	0.6	NORMALE
29	161639070123	4.0	11.0	6.8	NORMALE
30	181839066640	7.0	15.2	10.28	NORMALE
31	181839072367	10.0	11.6	10.64	NORMALE
32	181839050744	0.0	2.8	1.12	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	0.0	11.0	4.4	NORMALE
35	181839066324	11.0	15.2	12.68	NORMALE
36	181839065601	2.0	12.8	6.32	NORMALE
37	181839068244	3.0	11.0	6.2	NORMALE
38	181839063259	4.0	14.0	8.0	NORMALE
39	171739065346	3.0	5.8	4.12	NORMALE
40	161639067341	10.2	10.2	10.2	NORMALE

41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	11.0	11.0	11.0	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	2.0	8.0	4.4	NORMALE
45	181839067117	0.0	2.8	1.12	NORMALE
46	171739066651	0.0	0.0	0.0	NORMALE
47	171739069165	5.0	13.4	8.36	NORMALE
48	181839072302	1.0	0.0	0.6	NORMALE
49	201539067019	2.0	8.0	4.4	NORMALE
50	19129054134	8.0	4.0	6.4	NORMALE
51	201539076272	1.0	0.0	0.6	NORMALE
52	201439064816	8.2	8.2	8.2	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Arrêté d'habilitation de l'offre de

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Matière: Analyse Numérique / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	1.0	10.4	4.76	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	13.8	13.8	13.8	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	4.0	8.0	5.6	NORMALE
8	181839068462	8.0	13.1	10.04	NORMALE
9	171739071456	1.0	0.0	0.6	NORMALE
10	181839062710	3.0	15.2	7.88	NORMALE
11	161639073148	11.0	12.2	11.48	NORMALE
12	18119048382	1.0	6.2	3.08	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	7.0	7.4	7.16	NORMALE
15	181839066556	10.0	10.1	10.04	NORMALE
16	181839072368	9.0	12.2	10.28	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	4.0	10.0	6.4	NORMALE
19	171739065462	3.0	10.1	5.84	NORMALE
20	171739081103	4.0	11.6	7.04	NORMALE
21	171739064583	0.0	2.8	1.12	NORMALE
22	181839063235	4.0	6.2	4.88	NORMALE
23	171739070519	7.4	7.4	7.4	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	2.0	11.0	5.6	NORMALE
26	161739082350	14.0	16.1	14.84	NORMALE
27	171739071180	5.0	6.2	5.48	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	8.0	8.0	8.0	NORMALE
30	181839073623	12.0	12.2	12.08	NORMALE
31	181839069473	5.0	12.2	7.88	NORMALE
32	181839062954	1.0	11.6	5.24	NORMALE
33	181839065214	7.0	15.2	10.28	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	2.0	11.0	5.6	NORMALE
36	181839071168	3.0	7.0	4.6	NORMALE
37	161639076828	0.0	2.8	1.12	NORMALE
38	181839063268	2.0	8.6	4.64	NORMALE
39	181839066353	11.0	11.0	11.0	NORMALE
40	181839067143	0.0	2.8	1.12	NORMALE
41	171739076008	3.0	12.8	6.92	NORMALE
42	181839072339	4.0	12.2	7.28	NORMALE

43	181839064093	4.0	14.0	8.0	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	10.2	10.2	10.2	NORMALE
46	161639065380	2.0	0.0	1.2	NORMALE
47	211539067649	2.0	11.0	5.6	NORMALE
48	211339031941	3.0	6.4	4.36	NORMALE
49	21109042733	4.0	12.8	7.52	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Analyse Numérique / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	5.0	5.8	5.32	NORMALE
2	181839068281	3.0	11.0	6.2	NORMALE
3	181839069477	2.0	11.0	5.6	NORMALE
4	181839072372	5.0	11.0	7.4	NORMALE
5	181839072343	3.0	11.6	6.44	NORMALE
6	181839071899	8.0	10.4	8.96	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	3.0	11.6	6.44	NORMALE
9	181839069046	4.0	5.8	4.72	NORMALE
10	181839071169	1.0	11.0	5.0	NORMALE
11	171739082354	3.0	11.0	6.2	NORMALE
12	171739069202	10.0	13.4	11.36	NORMALE
13	181839066965	3.0	11.0	6.2	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	2.0	12.2	6.08	NORMALE
16	181839064483	9.0	5.2	7.48	NORMALE
17	181839062996	1.0	3.0	1.8	NORMALE
18	171739064622	5.0	14.6	8.84	NORMALE
19	161639070870	2.0	11.0	5.6	NORMALE
20	181839070297	1.0	8.0	3.8	NORMALE
21	171739067104	8.0	13.1	10.04	NORMALE
22	171739074830	0.0	0.0	0.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	2.8	1.12	NORMALE
25	161639077362	10.4	10.4	10.4	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	1.0	2.8	1.72	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	2.0	10.4	5.36	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	1.0	6.4	3.16	NORMALE
33	181839073637	3.0	5.2	3.88	NORMALE
34	171739065695	4.0	11.0	6.8	NORMALE
35	181839063269	2.0	11.0	5.6	NORMALE
36	171739051965	1.0	10.4	4.76	NORMALE
37	171739070668	7.0	11.0	8.6	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	3.0	8.0	5.0	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	8.5	12.8	10.22	NORMALE
42	161639067400	11.5	11.5	11.5	NORMALE

43	181839065636	12.0	13.4	12.56	NORMALE
44	181839065397	3.0	11.0	6.2	NORMALE
45	171739072843	10.0	10.0	10.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	7.0	11.0	8.6	NORMALE
49	21109042745	3.0	10.4	5.96	NORMALE
50	181539053219	8.0	14.0	10.4	NORMALE

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Matière: Analyse Numérique / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	3.0	8.8	5.32	NORMALE
3	171739072855	2.0	4.2	2.88	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	3.0	3.0	3.0	NORMALE
6	171739075170	8.0	10.4	8.96	NORMALE
7	181839069072	8.0	13.1	10.04	NORMALE
8	181839063208	10.0	12.2	10.88	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	2.0	1.2	1.68	NORMALE
11	161639068495	10.0	12.8	11.12	NORMALE
12	181839068812	14.0	13.4	13.76	NORMALE
13	161739082359	11.2	11.2	11.2	NORMALE
14	181839065646	9.0	11.6	10.04	NORMALE
15	161639074250	1.0	0.0	0.6	NORMALE
16	181839073668	8.0	0.0	4.8	NORMALE
17	181839069716	1.0	4.6	2.44	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	5.0	10.4	7.16	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	4.0	11.0	6.8	NORMALE
24	181839064565	1.0	6.8	3.32	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	2.0	8.6	4.64	NORMALE
27	171739071469	7.6	7.6	7.6	NORMALE
28	161639071502	2.0	0.0	1.2	NORMALE
29	181839067480	14.0	10.4	12.56	NORMALE
30	181839072344	4.0	0.0	2.4	NORMALE
31	181839071949	9.0	12.8	10.52	NORMALE
32	171739068595	0.0	2.8	1.12	NORMALE
33	181839071405	7.0	10.4	8.36	NORMALE
34	171739071186	1.0	10.1	4.64	NORMALE
35	171739076048	4.0	5.8	4.72	NORMALE
36	181839063249	4.0	12.2	7.28	NORMALE
37	161639065774	10.2	10.2	10.2	NORMALE
38	181839062744	5.0	10.1	7.04	NORMALE
39	181839063915	5.0	6.8	5.72	NORMALE
40	181839067972	8.5	8.6	8.54	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	2.0	10.4	5.36	NORMALE

43	171739074354	10.0	10.0	10.0	NORMALE
44	181839070302	3.0	10.4	5.96	NORMALE
45	181839065413	5.0	10.4	7.16	NORMALE
46	171739069277	1.0	0.0	0.6	NORMALE
47	171739066074	11.0	10.4	10.76	NORMALE
48	21129036386	7.0	7.0	7.0	NORMALE
49	201539074100	0.0	0.0	0.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Analyse Numérique / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	3.0	8.6	5.24	NORMALE
2	161639078520	11.4	11.4	11.4	NORMALE
3	181839067063	2.0	12.2	6.08	NORMALE
4	181839067976	6.0	6.4	6.16	NORMALE
5	181839071455	3.0	11.0	6.2	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	4.0	6.2	4.88	NORMALE
8	181839069073	5.0	11.6	7.64	NORMALE
9	181839064076	7.0	14.6	10.04	NORMALE
10	181839070604	2.0	8.6	4.64	NORMALE
11	161639065861	1.0	0.0	0.6	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	4.0	11.6	7.04	NORMALE
14	181839071969	2.0	8.6	4.64	NORMALE
15	21089053900	6.0	12.8	8.72	NORMALE
16	21119043493	0.0	2.8	1.12	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	3.0	10.4	5.96	NORMALE
19	171739071710	5.0	11.0	7.4	NORMALE
20	181839069765	2.0	1.2	1.68	NORMALE
21	171739070719	3.0	10.4	5.96	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	1.0	4.6	2.44	NORMALE
24	171739074430	0.0	2.8	1.12	NORMALE
25	181839080060	10.0	12.8	11.12	NORMALE
26	181839072345	1.0	10.4	4.76	NORMALE
27	171739071280	12.5	12.5	12.5	NORMALE
28	171739069281	2.5	3.6	2.94	NORMALE
29	171739075278	5.0	0.6	3.24	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	5.0	11.0	7.4	NORMALE
32	181839073647	8.0	13.1	10.04	NORMALE
33	161639069025	9.0	11.6	10.04	NORMALE
34	171739082385	2.0	1.8	1.92	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	10.0	10.4	10.16	NORMALE
37	181539066186	0.0	0.0	0.0	NORMALE
38	181839068854	4.0	11.0	6.8	NORMALE
39	171739066078	6.0	12.2	8.48	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	7.0	15.2	10.28	NORMALE
42	171739070140	6.0	3.4	4.96	NORMALE

43	161539075147	1.0	1.8	1.32	NORMALE
44	171739067356	8.0	0.0	4.8	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	3.0	11.0	6.2	NORMALE
47	181839063225	5.0	13.4	8.36	NORMALE
48	211339057308	5.0	11.0	7.4	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Analyse Numérique / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	5.0	4.6	4.84	NORMALE
2	171739069284	2.0	14.0	6.8	NORMALE
3	161639078588	10.0	10.0	10.0	NORMALE
4	171739064766	0.0	2.8	1.12	NORMALE
5	181839064572	0.0	11.0	4.4	NORMALE
6	181839062798	2.0	12.2	6.08	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	5.0	12.2	7.88	NORMALE
9	171739071382	2.0	11.0	5.6	NORMALE
10	171739073336	2.0	10.4	5.36	NORMALE
11	181839071973	5.0	11.0	7.4	NORMALE
12	171739064249	2.0	8.6	4.64	NORMALE
13	181839063231	6.0	12.8	8.72	NORMALE
14	21119045401	5.0	7.4	5.96	NORMALE
15	171739074772	5.0	10.4	7.16	NORMALE
16	181839067569	2.0	11.6	5.84	NORMALE
17	171739070194	5.5	11.0	7.7	NORMALE
18	181839068444	11.0	12.2	11.48	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	2.4	0.96	NORMALE
21	181839067616	0.0	0.0	0.0	NORMALE
22	161639069055	4.0	8.6	5.84	NORMALE
23	181539075199	3.0	11.0	6.2	NORMALE
24	181839065427	5.0	4.6	4.84	NORMALE
25	171739076304	1.5	4.2	2.58	NORMALE
26	181839069074	1.0	7.4	3.56	NORMALE
27	171739071844	10.0	11.6	10.64	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	7.0	15.2	10.28	NORMALE
31	181839073649	3.0	15.2	7.88	NORMALE
32	171739075355	1.0	10.4	4.76	NORMALE
33	171739067361	13.0	7.0	10.6	NORMALE
34	181839068980	5.0	11.6	7.64	NORMALE
35	161639072471	5.0	10.4	7.16	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	7.0	14.6	10.04	NORMALE
38	181839065661	2.0	12.2	6.08	NORMALE
39	181839067068	1.0	5.8	2.92	NORMALE
40	161639075277	3.0	11.0	6.2	NORMALE
41	171739069038	3.0	14.0	7.4	NORMALE
42	171739066304	1.0	7.4	3.56	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	2.0	12.8	6.32	NORMALE
45	171739070779	3.0	12.2	6.68	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	1.0	15.2	6.68	NORMALE
48	211539079159	7.0	11.6	8.84	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	6.0	12.2	8.48	NORMALE
51	201439055911	2.0	1.2	1.68	NORMALE

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PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	10.0	10.1	10.04	NORMALE
2	181839068982	7.0	14.6	10.04	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	10.0	10.0	10.0	NORMALE
6	181839067113	3.0	10.1	5.84	NORMALE
7	181839066545	5.0	0.0	3.0	NORMALE
8	181839069401	10.0	13.4	11.36	NORMALE
9	161631029915	2.0	11.0	5.6	NORMALE
10	181839062881	10.0	10.1	10.04	NORMALE
11	171739069116	0.0	0.0	0.0	NORMALE
12	181839066629	3.0	1.8	2.52	NORMALE
13	181839064789	8.5	14.6	10.94	NORMALE
14	171739075375	2.0	12.2	6.08	NORMALE
15	181839072355	5.0	4.6	4.84	NORMALE
16	181839063232	8.0	13.4	10.16	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	8.0	13.1	10.04	NORMALE
21	161639067288	12.2	12.2	12.2	NORMALE
22	171739070795	10.8	10.8	10.8	NORMALE
23	181839064088	4.0	12.8	7.52	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	2.0	1.8	1.92	NORMALE
26	161639069099	5.0	1.2	3.48	NORMALE
27	181839073658	3.0	11.0	6.2	NORMALE
28	181839071974	2.0	11.0	5.6	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	2.0	6.4	3.76	NORMALE
31	181836048869	6.0	11.0	8.0	NORMALE
32	171739071900	5.0	14.0	8.6	NORMALE
33	181839066301	4.0	7.4	5.36	NORMALE
34	19119046664	3.0	10.1	5.84	NORMALE
35	171739067697	7.0	10.1	8.24	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	2.8	1.12	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	11.7	11.7	11.7	NORMALE
40	161639075395	12.2	12.2	12.2	NORMALE
41	171739076306	3.0	11.6	6.44	NORMALE
42	181839070196	4.0	10.4	6.56	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	2.0	0.0	1.2	NORMALE
45	171739069289	2.0	10.4	5.36	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	8.0	13.4	10.16	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	1.0	0.0	0.6	NORMALE

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Matière: Energies Renouvelables / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	11.5	0.0	11.5	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	10.5	0.0	10.5	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	14.5	0.0	14.5	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	8.0	0.0	8.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	14.5	0.0	14.5	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	11.0	0.0	11.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	0.0	0.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	16.5	0.0	16.5	NORMALE
18	181839067606	11.5	0.0	11.5	NORMALE
19	161639072619	10.5	0.0	10.5	NORMALE
20	21069056594	8.5	0.0	8.5	NORMALE
21	171739072831	13.0	0.0	13.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	10.0	0.0	10.0	NORMALE
24	181839073660	13.0	0.0	13.0	NORMALE
25	171739074823	14.0	0.0	14.0	NORMALE
26	181839069464	12.5	0.0	12.5	NORMALE
27	171739064444	13.5	0.0	13.5	NORMALE
28	161639083633	11.0	0.0	11.0	NORMALE
29	161639070123	12.5	0.0	12.5	NORMALE
30	181839066640	15.5	0.0	15.5	NORMALE
31	181839072367	16.0	0.0	16.0	NORMALE
32	181839050744	10.5	0.0	10.5	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	17.5	0.0	17.5	NORMALE
35	181839066324	10.0	0.0	10.0	NORMALE
36	181839065601	18.5	0.0	18.5	NORMALE
37	181839068244	12.5	0.0	12.5	NORMALE
38	181839063259	12.0	0.0	12.0	NORMALE
39	171739065346	14.0	0.0	14.0	NORMALE
40	161639067341	10.5	0.0	10.5	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	13.5	0.0	13.5	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	17.5	0.0	17.5	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	10.0	0.0	10.0	NORMALE
47	171739069165	13.5	0.0	13.5	NORMALE
48	181839072302	3.0	0.0	3.0	NORMALE
49	201539067019	10.0	0.0	10.0	NORMALE
50	19129054134	10.0	0.0	10.0	NORMALE
51	201539076272	3.0	0.0	3.0	NORMALE
52	201439064816	9.5	0.0	9.5	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Energies Renouvelables / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	12.0	0.0	12.0	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	11.0	0.0	11.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	4.5	0.0	4.5	NORMALE
8	181839068462	11.5	0.0	11.5	NORMALE
9	171739071456	8.0	0.0	8.0	NORMALE
10	181839062710	13.5	0.0	13.5	NORMALE
11	161639073148	11.5	0.0	11.5	NORMALE
12	18119048382	12.0	0.0	12.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	12.0	0.0	12.0	NORMALE
15	181839066556	13.5	0.0	13.5	NORMALE
16	181839072368	12.5	0.0	12.5	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	16.0	0.0	16.0	NORMALE
19	171739065462	9.0	0.0	9.0	NORMALE
20	171739081103	10.0	0.0	10.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.0	0.0	0.0	NORMALE
23	171739070519	10.0	0.0	10.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	15.0	0.0	15.0	NORMALE
26	161739082350	15.0	0.0	15.0	NORMALE
27	171739071180	12.5	0.0	12.5	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	8.0	0.0	8.0	NORMALE
30	181839073623	10.0	0.0	10.0	NORMALE
31	181839069473	8.0	0.0	8.0	NORMALE
32	181839062954	3.0	0.0	3.0	NORMALE
33	181839065214	12.0	0.0	12.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	13.0	0.0	13.0	NORMALE
36	181839071168	10.0	0.0	10.0	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	4.0	0.0	4.0	NORMALE
39	181839066353	15.0	0.0	15.0	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	14.0	0.0	14.0	NORMALE
42	181839072339	7.5	0.0	7.5	NORMALE

43	181839064093	13.0	0.0	13.0	NORMALE
44	171739069177	11.0	0.0	11.0	NORMALE
45	171739072841	10.0	0.0	10.0	NORMALE
46	161639065380	10.0	0.0	10.0	NORMALE
47	211539067649	8.5	0.0	8.5	NORMALE
48	211339031941	10.0	0.0	10.0	NORMALE
49	21109042733	6.0	0.0	6.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Energies Renouvelables / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	12.5	0.0	12.5	NORMALE
2	181839068281	12.0	0.0	12.0	NORMALE
3	181839069477	9.5	0.0	9.5	NORMALE
4	181839072372	7.0	0.0	7.0	NORMALE
5	181839072343	13.5	0.0	13.5	NORMALE
6	181839071899	15.0	0.0	15.0	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	12.0	0.0	12.0	NORMALE
9	181839069046	8.5	0.0	8.5	NORMALE
10	181839071169	11.5	0.0	11.5	NORMALE
11	171739082354	9.0	0.0	9.0	NORMALE
12	171739069202	16.0	0.0	16.0	NORMALE
13	181839066965	9.5	0.0	9.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	14.0	0.0	14.0	NORMALE
16	181839064483	14.5	0.0	14.5	NORMALE
17	181839062996	2.0	0.0	2.0	NORMALE
18	171739064622	13.0	0.0	13.0	NORMALE
19	161639070870	8.0	0.0	8.0	NORMALE
20	181839070297	14.0	0.0	14.0	NORMALE
21	171739067104	10.0	0.0	10.0	NORMALE
22	171739074830	12.5	0.0	12.5	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	10.0	0.0	10.0	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	12.5	0.0	12.5	NORMALE
28	181839067420	2.5	0.0	2.5	NORMALE
29	171739071468	10.0	0.0	10.0	NORMALE
30	181839068464	15.5	0.0	15.5	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	14.0	0.0	14.0	NORMALE
33	181839073637	13.0	0.0	13.0	NORMALE
34	171739065695	13.5	0.0	13.5	NORMALE
35	181839063269	9.0	0.0	9.0	NORMALE
36	171739051965	7.0	0.0	7.0	NORMALE
37	171739070668	14.5	0.0	14.5	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	12.5	0.0	12.5	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	15.5	0.0	15.5	NORMALE
42	161639067400	11.0	0.0	11.0	NORMALE

43	181839065636	15.0	0.0	15.0	NORMALE
44	181839065397	13.0	0.0	13.0	NORMALE
45	171739072843	10.0	0.0	10.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	16.0	0.0	16.0	NORMALE
49	21109042745	11.5	0.0	11.5	NORMALE
50	181539053219	13.0	0.0	13.0	NORMALE

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Matière: Energies Renouvelables / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	13.5	0.0	13.5	NORMALE
3	171739072855	10.5	0.0	10.5	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	13.0	0.0	13.0	NORMALE
6	171739075170	10.0	0.0	10.0	NORMALE
7	181839069072	13.0	0.0	13.0	NORMALE
8	181839063208	16.0	0.0	16.0	NORMALE
9	171739064733	13.5	0.0	13.5	NORMALE
10	181839066989	11.5	0.0	11.5	NORMALE
11	161639068495	13.0	0.0	13.0	NORMALE
12	181839068812	14.0	0.0	14.0	NORMALE
13	161739082359	11.5	0.0	11.5	NORMALE
14	181839065646	8.0	0.0	8.0	NORMALE
15	161639074250	6.0	0.0	6.0	NORMALE
16	181839073668	9.0	0.0	9.0	NORMALE
17	181839069716	9.5	0.0	9.5	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	10.5	0.0	10.5	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	5.0	0.0	5.0	NORMALE
24	181839064565	8.0	0.0	8.0	NORMALE
25	181539064784	11.0	0.0	11.0	NORMALE
26	181839073643	13.0	0.0	13.0	NORMALE
27	171739071469	10.0	0.0	10.0	NORMALE
28	161639071502	5.5	0.0	5.5	NORMALE
29	181839067480	15.0	0.0	15.0	NORMALE
30	181839072344	3.0	0.0	3.0	NORMALE
31	181839071949	13.0	0.0	13.0	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	14.0	0.0	14.0	NORMALE
34	171739071186	10.5	0.0	10.5	NORMALE
35	171739076048	12.0	0.0	12.0	NORMALE
36	181839063249	7.5	0.0	7.5	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	8.0	0.0	8.0	NORMALE
39	181839063915	8.5	0.0	8.5	NORMALE
40	181839067972	9.0	0.0	9.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	7.5	0.0	7.5	NORMALE

43	171739074354	17.0	0.0	17.0	NORMALE
44	181839070302	14.0	0.0	14.0	NORMALE
45	181839065413	16.5	0.0	16.5	NORMALE
46	171739069277	10.0	0.0	10.0	NORMALE
47	171739066074	10.5	0.0	10.5	NORMALE
48	21129036386	14.0	0.0	14.0	NORMALE
49	201539074100	11.0	0.0	11.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Energies Renouvelables / Section A / 5

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#	Matricule	Examen	CC	MG	Session
1	161639074312	10.5	0.0	10.5	NORMALE
2	161639078520	2.0	0.0	2.0	NORMALE
3	181839067063	12.5	0.0	12.5	NORMALE
4	181839067976	8.5	0.0	8.5	NORMALE
5	181839071455	12.0	0.0	12.0	NORMALE
6	171739064744	10.0	0.0	10.0	NORMALE
7	181839063250	5.0	0.0	5.0	NORMALE
8	181839069073	13.5	0.0	13.5	NORMALE
9	181839064076	10.0	0.0	10.0	NORMALE
10	181839070604	11.0	0.0	11.0	NORMALE
11	161639065861	4.0	0.0	4.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	12.0	0.0	12.0	NORMALE
14	181839071969	10.0	0.0	10.0	NORMALE
15	21089053900	11.5	0.0	11.5	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	7.0	0.0	7.0	NORMALE
19	171739071710	11.5	0.0	11.5	NORMALE
20	181839069765	9.5	0.0	9.5	NORMALE
21	171739070719	13.0	0.0	13.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	5.0	0.0	5.0	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	11.0	0.0	11.0	NORMALE
26	181839072345	9.0	0.0	9.0	NORMALE
27	171739071280	15.5	0.0	15.5	NORMALE
28	171739069281	10.0	0.0	10.0	NORMALE
29	171739075278	6.0	0.0	6.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	10.0	0.0	10.0	NORMALE
32	181839073647	14.0	0.0	14.0	NORMALE
33	161639069025	14.0	0.0	14.0	NORMALE
34	171739082385	10.0	0.0	10.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	13.0	0.0	13.0	NORMALE
37	181539066186	11.0	0.0	11.0	NORMALE
38	181839068854	4.0	0.0	4.0	NORMALE
39	171739066078	11.0	0.0	11.0	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	11.0	0.0	11.0	NORMALE
42	171739070140	9.0	0.0	9.0	NORMALE

43	161539075147	15.5	0.0	15.5	NORMALE
44	171739067356	10.0	0.0	10.0	NORMALE
45	171739068643	8.5	0.0	8.5	NORMALE
46	181839067523	5.0	0.0	5.0	NORMALE
47	181839063225	11.0	0.0	11.0	NORMALE
48	211339057308	13.5	0.0	13.5	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	9.0	0.0	9.0	NORMALE
2	171739069284	13.0	0.0	13.0	NORMALE
3	161639078588	11.0	0.0	11.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	0.0	0.0	NORMALE
6	181839062798	12.0	0.0	12.0	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	15.5	0.0	15.5	NORMALE
9	171739071382	7.5	0.0	7.5	NORMALE
10	171739073336	14.0	0.0	14.0	NORMALE
11	181839071973	12.5	0.0	12.5	NORMALE
12	171739064249	11.5	0.0	11.5	NORMALE
13	181839063231	12.0	0.0	12.0	NORMALE
14	21119045401	14.5	0.0	14.5	NORMALE
15	171739074772	13.0	0.0	13.0	NORMALE
16	181839067569	10.0	0.0	10.0	NORMALE
17	171739070194	10.0	0.0	10.0	NORMALE
18	181839068444	14.0	0.0	14.0	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	3.0	0.0	3.0	NORMALE
22	161639069055	15.5	0.0	15.5	NORMALE
23	181539075199	10.0	0.0	10.0	NORMALE
24	181839065427	15.0	0.0	15.0	NORMALE
25	171739076304	8.5	0.0	8.5	NORMALE
26	181839069074	13.0	0.0	13.0	NORMALE
27	171739071844	10.0	0.0	10.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	11.5	0.0	11.5	NORMALE
31	181839073649	10.5	0.0	10.5	NORMALE
32	171739075355	13.5	0.0	13.5	NORMALE
33	171739067361	15.5	0.0	15.5	NORMALE
34	181839068980	17.0	0.0	17.0	NORMALE
35	161639072471	10.0	0.0	10.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	14.5	0.0	14.5	NORMALE
38	181839065661	14.5	0.0	14.5	NORMALE
39	181839067068	12.0	0.0	12.0	NORMALE
40	161639075277	10.5	0.0	10.5	NORMALE
41	171739069038	15.5	0.0	15.5	NORMALE
42	171739066304	7.0	0.0	7.0	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	13.5	0.0	13.5	NORMALE
45	171739070779	9.5	0.0	9.5	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	7.5	0.0	7.5	NORMALE
48	211539079159	14.0	0.0	14.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	10.0	0.0	10.0	NORMALE
51	201439055911	13.0	0.0	13.0	NORMALE

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Matière: Energies Renouvelables / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	18.5	0.0	18.5	NORMALE
2	181839068982	17.0	0.0	17.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	10.5	0.0	10.5	NORMALE
6	181839067113	7.0	0.0	7.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	10.5	0.0	10.5	NORMALE
9	161631029915	13.5	0.0	13.5	NORMALE
10	181839062881	11.0	0.0	11.0	NORMALE
11	171739069116	8.0	0.0	8.0	NORMALE
12	181839066629	13.0	0.0	13.0	NORMALE
13	181839064789	12.0	0.0	12.0	NORMALE
14	171739075375	15.5	0.0	15.5	NORMALE
15	181839072355	10.0	0.0	10.0	NORMALE
16	181839063232	15.5	0.0	15.5	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	12.5	0.0	12.5	NORMALE
21	161639067288	14.0	0.0	14.0	NORMALE
22	171739070795	10.0	0.0	10.0	NORMALE
23	181839064088	16.0	0.0	16.0	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	3.5	0.0	3.5	NORMALE
26	161639069099	10.0	0.0	10.0	NORMALE
27	181839073658	9.0	0.0	9.0	NORMALE
28	181839071974	10.0	0.0	10.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	11.5	0.0	11.5	NORMALE
31	181836048869	17.0	0.0	17.0	NORMALE
32	171739071900	10.0	0.0	10.0	NORMALE
33	181839066301	11.5	0.0	11.5	NORMALE
34	19119046664	9.0	0.0	9.0	NORMALE
35	171739067697	16.0	0.0	16.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	11.5	0.0	11.5	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	11.5	0.0	11.5	NORMALE
40	161639075395	10.5	0.0	10.5	NORMALE
41	171739076306	13.0	0.0	13.0	NORMALE
42	181839070196	17.0	0.0	17.0	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	4.0	0.0	4.0	NORMALE
45	171739069289	11.5	0.0	11.5	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	14.5	0.0	14.5	NORMALE
48	20129045617	13.0	0.0	13.0	NORMALE
49	211539076261	1.0	0.0	1.0	NORMALE

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

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	13.0	0.0	13.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	15.0	0.0	15.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	13.0	0.0	13.0	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	12.0	0.0	12.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	10.0	0.0	10.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	7.0	0.0	7.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	0.0	0.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	15.0	0.0	15.0	NORMALE
18	181839067606	13.0	0.0	13.0	NORMALE
19	161639072619	10.5	0.0	10.5	NORMALE
20	21069056594	12.0	0.0	12.0	NORMALE
21	171739072831	14.5	0.0	14.5	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	11.0	0.0	11.0	NORMALE
24	181839073660	10.5	0.0	10.5	NORMALE
25	171739074823	8.5	0.0	8.5	NORMALE
26	181839069464	12.5	0.0	12.5	NORMALE
27	171739064444	12.5	0.0	12.5	NORMALE
28	161639083633	13.5	0.0	13.5	NORMALE
29	161639070123	16.0	0.0	16.0	NORMALE
30	181839066640	13.5	0.0	13.5	NORMALE
31	181839072367	12.0	0.0	12.0	NORMALE
32	181839050744	10.0	0.0	10.0	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	9.0	0.0	9.0	NORMALE
35	181839066324	10.5	0.0	10.5	NORMALE
36	181839065601	14.0	0.0	14.0	NORMALE
37	181839068244	12.5	0.0	12.5	NORMALE
38	181839063259	8.0	0.0	8.0	NORMALE
39	171739065346	11.5	0.0	11.5	NORMALE
40	161639067341	13.0	0.0	13.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	10.0	0.0	10.0	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	8.5	0.0	8.5	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	10.0	0.0	10.0	NORMALE
47	171739069165	11.0	0.0	11.0	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	10.0	0.0	10.0	NORMALE
50	19129054134	12.0	0.0	12.0	NORMALE
51	201539076272	12.5	0.0	12.5	NORMALE
52	201439064816	12.5	0.0	12.5	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	17.0	0.0	17.0	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	10.5	0.0	10.5	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	15.0	0.0	15.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	14.0	0.0	14.0	NORMALE
8	181839068462	8.0	0.0	8.0	NORMALE
9	171739071456	10.0	0.0	10.0	NORMALE
10	181839062710	10.0	0.0	10.0	NORMALE
11	161639073148	10.0	0.0	10.0	NORMALE
12	18119048382	12.0	0.0	12.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	9.5	0.0	9.5	NORMALE
15	181839066556	13.0	0.0	13.0	NORMALE
16	181839072368	16.5	0.0	16.5	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	10.5	0.0	10.5	NORMALE
19	171739065462	11.0	0.0	11.0	NORMALE
20	171739081103	10.5	0.0	10.5	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.0	0.0	0.0	NORMALE
23	171739070519	10.0	0.0	10.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	16.0	0.0	16.0	NORMALE
26	161739082350	16.0	0.0	16.0	NORMALE
27	171739071180	14.5	0.0	14.5	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	9.5	0.0	9.5	NORMALE
30	181839073623	0.0	0.0	0.0	NORMALE
31	181839069473	9.0	0.0	9.0	NORMALE
32	181839062954	16.0	0.0	16.0	NORMALE
33	181839065214	6.5	0.0	6.5	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	11.5	0.0	11.5	NORMALE
36	181839071168	11.0	0.0	11.0	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	13.5	0.0	13.5	NORMALE
39	181839066353	7.5	0.0	7.5	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	13.0	0.0	13.0	NORMALE
42	181839072339	14.0	0.0	14.0	NORMALE

43	181839064093	12.0	0.0	12.0	NORMALE
44	171739069177	14.0	0.0	14.0	NORMALE
45	171739072841	10.5	0.0	10.5	NORMALE
46	161639065380	12.5	0.0	12.5	NORMALE
47	211539067649	10.5	0.0	10.5	NORMALE
48	211339031941	7.0	0.0	7.0	NORMALE
49	21109042733	10.0	0.0	10.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Ethique, déontologie et Propriété Intellectuelle / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	7.5	0.0	7.5	NORMALE
2	181839068281	15.0	0.0	15.0	NORMALE
3	181839069477	9.0	0.0	9.0	NORMALE
4	181839072372	5.5	0.0	5.5	NORMALE
5	181839072343	14.0	0.0	14.0	NORMALE
6	181839071899	10.0	0.0	10.0	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	10.0	0.0	10.0	NORMALE
9	181839069046	10.0	0.0	10.0	NORMALE
10	181839071169	11.5	0.0	11.5	NORMALE
11	171739082354	17.5	0.0	17.5	NORMALE
12	171739069202	5.5	0.0	5.5	NORMALE
13	181839066965	11.0	0.0	11.0	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	12.5	0.0	12.5	NORMALE
16	181839064483	15.5	0.0	15.5	NORMALE
17	181839062996	5.5	0.0	5.5	NORMALE
18	171739064622	15.5	0.0	15.5	NORMALE
19	161639070870	9.0	0.0	9.0	NORMALE
20	181839070297	13.5	0.0	13.5	NORMALE
21	171739067104	6.0	0.0	6.0	NORMALE
22	171739074830	10.0	0.0	10.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	10.0	0.0	10.0	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	12.0	0.0	12.0	NORMALE
28	181839067420	11.0	0.0	11.0	NORMALE
29	171739071468	10.0	0.0	10.0	NORMALE
30	181839068464	8.0	0.0	8.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	11.5	0.0	11.5	NORMALE
33	181839073637	8.0	0.0	8.0	NORMALE
34	171739065695	10.5	0.0	10.5	NORMALE
35	181839063269	8.0	0.0	8.0	NORMALE
36	171739051965	7.0	0.0	7.0	NORMALE
37	171739070668	10.0	0.0	10.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	13.0	0.0	13.0	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	19.5	0.0	19.5	NORMALE
42	161639067400	10.0	0.0	10.0	NORMALE

43	181839065636	12.0	0.0	12.0	NORMALE
44	181839065397	9.5	0.0	9.5	NORMALE
45	171739072843	13.0	0.0	13.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	12.5	0.0	12.5	NORMALE
49	21109042745	14.0	0.0	14.0	NORMALE
50	181539053219	15.5	0.0	15.5	NORMALE

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Matière: Ethique, déontologie et Propriété Intellectuelle / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	7.0	0.0	7.0	NORMALE
3	171739072855	12.5	0.0	12.5	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	11.0	0.0	11.0	NORMALE
6	171739075170	10.0	0.0	10.0	NORMALE
7	181839069072	9.5	0.0	9.5	NORMALE
8	181839063208	10.0	0.0	10.0	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	10.5	0.0	10.5	NORMALE
11	161639068495	14.5	0.0	14.5	NORMALE
12	181839068812	15.5	0.0	15.5	NORMALE
13	161739082359	10.5	0.0	10.5	NORMALE
14	181839065646	12.0	0.0	12.0	NORMALE
15	161639074250	11.5	0.0	11.5	NORMALE
16	181839073668	9.0	0.0	9.0	NORMALE
17	181839069716	4.5	0.0	4.5	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	9.0	0.0	9.0	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	10.5	0.0	10.5	NORMALE
24	181839064565	7.5	0.0	7.5	NORMALE
25	181539064784	10.0	0.0	10.0	NORMALE
26	181839073643	7.5	0.0	7.5	NORMALE
27	171739071469	10.5	0.0	10.5	NORMALE
28	161639071502	7.5	0.0	7.5	NORMALE
29	181839067480	17.0	0.0	17.0	NORMALE
30	181839072344	6.0	0.0	6.0	NORMALE
31	181839071949	11.5	0.0	11.5	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	5.5	0.0	5.5	NORMALE
34	171739071186	11.0	0.0	11.0	NORMALE
35	171739076048	10.0	0.0	10.0	NORMALE
36	181839063249	7.5	0.0	7.5	NORMALE
37	161639065774	10.0	0.0	10.0	NORMALE
38	181839062744	11.5	0.0	11.5	NORMALE
39	181839063915	7.5	0.0	7.5	NORMALE
40	181839067972	16.0	0.0	16.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	13.0	0.0	13.0	NORMALE

43	171739074354	11.5	0.0	11.5	NORMALE
44	181839070302	10.0	0.0	10.0	NORMALE
45	181839065413	8.5	0.0	8.5	NORMALE
46	171739069277	11.5	0.0	11.5	NORMALE
47	171739066074	10.0	0.0	10.0	NORMALE
48	21129036386	16.5	0.0	16.5	NORMALE
49	201539074100	13.0	0.0	13.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Ethique, déontologie et Propriété Intellectuelle / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	10.0	0.0	10.0	NORMALE
2	161639078520	15.5	0.0	15.5	NORMALE
3	181839067063	9.5	0.0	9.5	NORMALE
4	181839067976	14.5	0.0	14.5	NORMALE
5	181839071455	9.5	0.0	9.5	NORMALE
6	171739064744	12.0	0.0	12.0	NORMALE
7	181839063250	8.0	0.0	8.0	NORMALE
8	181839069073	15.5	0.0	15.5	NORMALE
9	181839064076	12.5	0.0	12.5	NORMALE
10	181839070604	11.5	0.0	11.5	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	13.0	0.0	13.0	NORMALE
14	181839071969	8.5	0.0	8.5	NORMALE
15	21089053900	8.5	0.0	8.5	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	10.5	0.0	10.5	NORMALE
19	171739071710	14.5	0.0	14.5	NORMALE
20	181839069765	12.0	0.0	12.0	NORMALE
21	171739070719	11.0	0.0	11.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	8.5	0.0	8.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	12.0	0.0	12.0	NORMALE
26	181839072345	10.0	0.0	10.0	NORMALE
27	171739071280	11.0	0.0	11.0	NORMALE
28	171739069281	11.5	0.0	11.5	NORMALE
29	171739075278	10.0	0.0	10.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	11.0	0.0	11.0	NORMALE
32	181839073647	14.0	0.0	14.0	NORMALE
33	161639069025	11.0	0.0	11.0	NORMALE
34	171739082385	16.0	0.0	16.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	17.0	0.0	17.0	NORMALE
37	181539066186	11.5	0.0	11.5	NORMALE
38	181839068854	9.5	0.0	9.5	NORMALE
39	171739066078	12.0	0.0	12.0	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	10.5	0.0	10.5	NORMALE
42	171739070140	12.0	0.0	12.0	NORMALE

43	161539075147	8.0	0.0	8.0	NORMALE
44	171739067356	10.5	0.0	10.5	NORMALE
45	171739068643	13.5	0.0	13.5	NORMALE
46	181839067523	13.5	0.0	13.5	NORMALE
47	181839063225	15.0	0.0	15.0	NORMALE
48	211339057308	9.0	0.0	9.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Mati re: Ethique, d ontologie et Propri t  Intellectuelle / Section A / 6

PV de d lib ration par mati re (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	10.5	0.0	10.5	NORMALE
2	171739069284	14.0	0.0	14.0	NORMALE
3	161639078588	10.0	0.0	10.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	0.0	0.0	NORMALE
6	181839062798	10.5	0.0	10.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	15.0	0.0	15.0	NORMALE
9	171739071382	13.0	0.0	13.0	NORMALE
10	171739073336	18.5	0.0	18.5	NORMALE
11	181839071973	10.5	0.0	10.5	NORMALE
12	171739064249	12.0	0.0	12.0	NORMALE
13	181839063231	13.5	0.0	13.5	NORMALE
14	21119045401	10.5	0.0	10.5	NORMALE
15	171739074772	10.5	0.0	10.5	NORMALE
16	181839067569	12.0	0.0	12.0	NORMALE
17	171739070194	10.5	0.0	10.5	NORMALE
18	181839068444	16.0	0.0	16.0	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	10.0	0.0	10.0	NORMALE
22	161639069055	15.0	0.0	15.0	NORMALE
23	181539075199	9.0	0.0	9.0	NORMALE
24	181839065427	6.5	0.0	6.5	NORMALE
25	171739076304	10.0	0.0	10.0	NORMALE
26	181839069074	14.0	0.0	14.0	NORMALE
27	171739071844	10.0	0.0	10.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	12.5	0.0	12.5	NORMALE
31	181839073649	5.5	0.0	5.5	NORMALE
32	171739075355	16.5	0.0	16.5	NORMALE
33	171739067361	16.0	0.0	16.0	NORMALE
34	181839068980	13.5	0.0	13.5	NORMALE
35	161639072471	7.0	0.0	7.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	11.0	0.0	11.0	NORMALE
38	181839065661	15.0	0.0	15.0	NORMALE
39	181839067068	9.0	0.0	9.0	NORMALE
40	161639075277	10.0	0.0	10.0	NORMALE
41	171739069038	11.0	0.0	11.0	NORMALE
42	171739066304	0.0	0.0	0.0	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE

44	18049055164	15.0	0.0	15.0	NORMALE
45	171739070779	10.5	0.0	10.5	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	8.5	0.0	8.5	NORMALE
48	211539079159	12.5	0.0	12.5	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	14.0	0.0	14.0	NORMALE
51	201439055911	13.0	0.0	13.0	NORMALE

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Matière: Ethique, déontologie et Propriété Intellectuelle / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	10.0	0.0	10.0	NORMALE
2	181839068982	14.5	0.0	14.5	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	10.0	0.0	10.0	NORMALE
6	181839067113	8.5	0.0	8.5	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	10.5	0.0	10.5	NORMALE
9	161631029915	10.0	0.0	10.0	NORMALE
10	181839062881	12.0	0.0	12.0	NORMALE
11	171739069116	10.0	0.0	10.0	NORMALE
12	181839066629	10.0	0.0	10.0	NORMALE
13	181839064789	13.0	0.0	13.0	NORMALE
14	171739075375	10.5	0.0	10.5	NORMALE
15	181839072355	7.5	0.0	7.5	NORMALE
16	181839063232	12.5	0.0	12.5	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	13.5	0.0	13.5	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	17.0	0.0	17.0	NORMALE
21	161639067288	11.0	0.0	11.0	NORMALE
22	171739070795	11.0	0.0	11.0	NORMALE
23	181839064088	15.5	0.0	15.5	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	7.5	0.0	7.5	NORMALE
26	161639069099	12.0	0.0	12.0	NORMALE
27	181839073658	8.0	0.0	8.0	NORMALE
28	181839071974	9.5	0.0	9.5	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	10.0	0.0	10.0	NORMALE
31	181836048869	8.0	0.0	8.0	NORMALE
32	171739071900	11.5	0.0	11.5	NORMALE
33	181839066301	18.0	0.0	18.0	NORMALE
34	19119046664	9.5	0.0	9.5	NORMALE
35	171739067697	15.5	0.0	15.5	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	12.0	0.0	12.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	10.0	0.0	10.0	NORMALE
40	161639075395	13.0	0.0	13.0	NORMALE
41	171739076306	10.0	0.0	10.0	NORMALE
42	181839070196	10.0	0.0	10.0	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	7.5	0.0	7.5	NORMALE
45	171739069289	16.5	0.0	16.5	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	11.5	0.0	11.5	NORMALE
48	20129045617	13.5	0.0	13.5	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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Matière: Fours et Chaudières / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	10.0	10.0	10.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	11.4	11.4	11.4	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	16.5	10.0	13.9	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	14.5	10.0	12.7	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	11.0	1.0	7.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	13.5	13.5	13.5	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	0.0	0.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	18.0	18.0	18.0	NORMALE
18	181839067606	11.0	9.0	10.2	NORMALE
19	161639072619	15.5	10.0	13.3	NORMALE
20	21069056594	14.5	11.0	13.1	NORMALE
21	171739072831	8.2	8.2	8.2	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	6.8	6.8	6.8	NORMALE
24	181839073660	10.5	1.0	6.7	NORMALE
25	171739074823	10.0	10.0	10.0	NORMALE
26	181839069464	16.0	17.0	16.4	NORMALE
27	171739064444	8.8	8.8	8.8	NORMALE
28	161639083633	0.5	0.0	0.3	NORMALE
29	161639070123	10.0	10.0	10.0	NORMALE
30	181839066640	10.5	14.0	11.9	NORMALE
31	181839072367	13.0	5.0	9.8	NORMALE
32	181839050744	10.0	3.0	7.2	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	4.5	1.0	3.1	NORMALE
35	181839066324	14.0	13.0	13.6	NORMALE
36	181839065601	12.0	11.0	11.6	NORMALE
37	181839068244	14.5	10.0	12.7	NORMALE
38	181839063259	17.0	12.0	15.0	NORMALE
39	171739065346	10.0	6.0	8.4	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	11.8	11.8	11.8	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	14.5	11.0	13.1	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	10.0	10.0	10.0	NORMALE
47	171739069165	14.0	10.0	12.4	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	3.0	1.0	2.2	NORMALE
50	19129054134	12.5	8.0	10.7	NORMALE
51	201539076272	0.0	0.0	0.0	NORMALE
52	201439064816	13.2	13.2	13.2	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Fours et Chaudières / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	11.5	3.0	8.1	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	10.8	10.8	10.8	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	6.0	1.0	4.0	NORMALE
8	181839068462	8.5	10.0	9.1	NORMALE
9	171739071456	10.0	10.0	10.0	NORMALE
10	181839062710	12.5	2.0	8.3	NORMALE
11	161639073148	10.0	10.0	10.0	NORMALE
12	18119048382	4.0	9.0	6.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	10.5	7.0	9.1	NORMALE
15	181839066556	13.0	12.0	12.6	NORMALE
16	181839072368	17.0	13.0	15.4	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	8.5	5.0	7.1	NORMALE
19	171739065462	14.5	12.0	13.5	NORMALE
20	171739081103	13.0	10.0	11.8	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	11.0	13.0	11.8	NORMALE
23	171739070519	10.2	10.2	10.2	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	16.5	13.0	15.1	NORMALE
26	161739082350	19.0	10.0	15.4	NORMALE
27	171739071180	14.5	4.0	10.3	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	10.5	11.0	10.7	NORMALE
30	181839073623	11.5	10.0	10.9	NORMALE
31	181839069473	8.5	8.0	8.3	NORMALE
32	181839062954	11.5	2.0	7.7	NORMALE
33	181839065214	10.0	10.0	10.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	8.0	12.0	9.6	NORMALE
36	181839071168	8.0	6.0	7.2	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	4.0	4.0	4.0	NORMALE
39	181839066353	14.0	5.0	10.4	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	8.8	8.8	8.8	NORMALE
42	181839072339	14.5	7.0	11.5	NORMALE

43	181839064093	14.5	14.0	14.3	NORMALE
44	171739069177	10.0	10.0	10.0	NORMALE
45	171739072841	10.8	10.8	10.8	NORMALE
46	161639065380	9.2	9.2	9.2	NORMALE
47	211539067649	12.5	6.0	9.9	NORMALE
48	211339031941	6.0	6.0	6.0	NORMALE
49	21109042733	11.5	2.0	7.7	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Fours et Chaudières / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	8.5	8.0	8.3	NORMALE
2	181839068281	16.0	14.0	15.2	NORMALE
3	181839069477	7.0	6.0	6.6	NORMALE
4	181839072372	8.5	7.0	7.9	NORMALE
5	181839072343	16.0	8.0	12.8	NORMALE
6	181839071899	6.0	5.0	5.6	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	10.0	6.0	8.4	NORMALE
9	181839069046	6.5	4.0	5.5	NORMALE
10	181839071169	4.5	0.0	2.7	NORMALE
11	171739082354	15.5	5.0	11.3	NORMALE
12	171739069202	13.0	10.0	11.8	NORMALE
13	181839066965	9.0	5.0	7.4	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	11.0	5.0	8.6	NORMALE
16	181839064483	17.0	16.0	16.6	NORMALE
17	181839062996	0.0	3.0	1.2	NORMALE
18	171739064622	12.0	3.0	8.4	NORMALE
19	161639070870	14.5	10.0	12.7	NORMALE
20	181839070297	16.5	14.0	15.5	NORMALE
21	171739067104	13.5	11.0	12.5	NORMALE
22	171739074830	0.0	0.0	0.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	10.0	10.0	10.0	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	0.5	0.0	0.3	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	16.5	9.0	13.5	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	12.0	6.0	9.6	NORMALE
33	181839073637	15.5	1.0	9.7	NORMALE
34	171739065695	16.0	8.0	12.8	NORMALE
35	181839063269	6.5	14.0	9.5	NORMALE
36	171739051965	1.5	2.0	1.7	NORMALE
37	171739070668	8.4	8.4	8.4	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	10.0	10.0	10.0	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	14.5	7.0	11.5	NORMALE
42	161639067400	12.5	4.0	9.1	NORMALE

43	181839065636	16.5	13.0	15.1	NORMALE
44	181839065397	10.0	5.0	8.0	NORMALE
45	171739072843	10.8	10.8	10.8	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	12.0	11.0	11.6	NORMALE
49	21109042745	12.0	9.0	10.8	NORMALE
50	181539053219	13.5	11.0	12.5	NORMALE

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Matière: Fours et Chaudières / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	0.0	0.0	0.0	NORMALE
3	171739072855	10.0	10.0	10.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	10.0	3.0	7.2	NORMALE
6	171739075170	6.0	3.0	4.8	NORMALE
7	181839069072	12.0	5.0	9.2	NORMALE
8	181839063208	11.5	14.0	12.5	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	0.5	0.0	0.3	NORMALE
11	161639068495	6.4	6.4	6.4	NORMALE
12	181839068812	20.0	15.0	18.0	NORMALE
13	161739082359	10.4	10.4	10.4	NORMALE
14	181839065646	18.5	12.0	15.9	NORMALE
15	161639074250	1.0	3.0	1.8	NORMALE
16	181839073668	9.0	0.0	5.4	NORMALE
17	181839069716	6.5	0.0	3.9	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	13.5	2.0	8.9	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	11.0	5.0	8.6	NORMALE
24	181839064565	0.0	5.5	2.2	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	12.5	4.0	9.1	NORMALE
27	171739071469	10.8	10.8	10.8	NORMALE
28	161639071502	3.5	1.0	2.5	NORMALE
29	181839067480	19.0	13.0	16.6	NORMALE
30	181839072344	4.0	0.0	2.4	NORMALE
31	181839071949	14.0	13.0	13.6	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	8.5	4.0	6.7	NORMALE
34	171739071186	11.5	14.0	12.5	NORMALE
35	171739076048	11.0	12.0	11.4	NORMALE
36	181839063249	15.5	12.0	14.1	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	15.5	7.0	12.1	NORMALE
39	181839063915	4.5	3.0	3.9	NORMALE
40	181839067972	13.5	8.0	11.3	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	4.0	7.0	5.2	NORMALE

43	171739074354	13.6	13.6	13.6	NORMALE
44	181839070302	12.5	10.0	11.5	NORMALE
45	181839065413	11.5	2.0	7.7	NORMALE
46	171739069277	8.0	7.0	7.6	NORMALE
47	171739066074	14.0	10.0	12.4	NORMALE
48	21129036386	15.0	0.0	9.0	NORMALE
49	201539074100	0.0	0.0	0.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Fours et Chaudières / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	0.0	0.0	0.0	NORMALE
2	161639078520	15.6	15.6	15.6	NORMALE
3	181839067063	10.0	8.0	9.2	NORMALE
4	181839067976	15.0	8.0	12.2	NORMALE
5	181839071455	18.0	9.0	14.4	NORMALE
6	171739064744	9.6	9.6	9.6	NORMALE
7	181839063250	10.0	10.0	10.0	NORMALE
8	181839069073	15.0	10.0	13.0	NORMALE
9	181839064076	10.5	12.0	11.1	NORMALE
10	181839070604	13.5	10.0	12.1	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	12.5	5.0	9.5	NORMALE
14	181839071969	15.5	13.0	14.5	NORMALE
15	21089053900	10.5	4.0	7.9	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	13.5	13.5	13.5	NORMALE
19	171739071710	6.5	9.0	7.5	NORMALE
20	181839069765	3.0	0.0	1.8	NORMALE
21	171739070719	12.0	8.0	10.4	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	4.5	2.0	3.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	11.5	11.5	11.5	NORMALE
26	181839072345	9.0	8.0	8.6	NORMALE
27	171739071280	12.5	15.0	13.5	NORMALE
28	171739069281	12.4	12.4	12.4	NORMALE
29	171739075278	10.0	10.0	10.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	8.8	8.8	8.8	NORMALE
32	181839073647	12.5	5.0	9.5	NORMALE
33	161639069025	10.0	8.0	9.2	NORMALE
34	171739082385	10.4	10.4	10.4	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	12.5	8.0	10.7	NORMALE
37	181539066186	9.2	9.2	9.2	NORMALE
38	181839068854	11.0	11.0	11.0	NORMALE
39	171739066078	12.4	12.4	12.4	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	15.5	11.0	13.7	NORMALE
42	171739070140	11.0	4.0	8.2	NORMALE

43	161539075147	6.5	0.0	3.9	NORMALE
44	171739067356	2.5	2.5	2.5	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	6.5	6.0	6.3	NORMALE
47	181839063225	19.0	10.0	15.4	NORMALE
48	211339057308	13.0	8.0	11.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Fours et Chaudières / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	14.5	6.0	11.1	NORMALE
2	171739069284	15.5	10.0	13.3	NORMALE
3	161639078588	12.4	12.4	12.4	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	0.0	0.0	NORMALE
6	181839062798	13.0	0.0	7.8	NORMALE
7	181839063252	12.0	0.0	7.2	NORMALE
8	181839066622	12.0	15.0	13.2	NORMALE
9	171739071382	8.5	3.0	6.3	NORMALE
10	171739073336	10.5	4.0	7.9	NORMALE
11	181839071973	11.5	5.0	8.9	NORMALE
12	171739064249	15.0	6.0	11.4	NORMALE
13	181839063231	16.0	7.0	12.4	NORMALE
14	21119045401	5.0	4.0	4.6	NORMALE
15	171739074772	12.0	7.0	10.0	NORMALE
16	181839067569	14.5	15.0	14.7	NORMALE
17	171739070194	12.0	7.0	10.0	NORMALE
18	181839068444	15.5	8.0	12.5	NORMALE
19	161639066586	12.0	12.0	12.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	0.0	0.0	0.0	NORMALE
22	161639069055	4.0	2.0	3.2	NORMALE
23	181539075199	17.0	14.0	15.8	NORMALE
24	181839065427	8.0	7.0	7.6	NORMALE
25	171739076304	11.0	5.0	8.6	NORMALE
26	181839069074	11.0	4.0	8.2	NORMALE
27	171739071844	13.5	13.0	13.3	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	14.5	11.0	13.1	NORMALE
31	181839073649	12.5	5.0	9.5	NORMALE
32	171739075355	8.5	5.0	7.1	NORMALE
33	171739067361	15.5	10.0	13.3	NORMALE
34	181839068980	17.0	9.0	13.8	NORMALE
35	161639072471	8.0	8.0	8.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	12.5	7.0	10.3	NORMALE
38	181839065661	17.5	10.0	14.5	NORMALE
39	181839067068	12.5	6.0	9.9	NORMALE
40	161639075277	12.0	11.0	11.6	NORMALE
41	171739069038	19.0	10.0	15.4	NORMALE
42	171739066304	7.6	7.6	7.6	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	11.5	11.0	11.3	NORMALE
45	171739070779	10.4	10.4	10.4	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	1.5	2.0	1.7	NORMALE
48	211539079159	12.0	6.0	9.6	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	12.5	6.0	9.9	NORMALE
51	201439055911	11.0	11.0	11.0	NORMALE

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Matière: Fours et Chaudières / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	8.2	8.2	8.2	NORMALE
2	181839068982	15.0	6.0	11.4	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	8.2	8.2	8.2	NORMALE
6	181839067113	4.5	5.0	4.7	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	12.5	8.0	10.7	NORMALE
9	161631029915	13.0	9.0	11.4	NORMALE
10	181839062881	13.5	6.0	10.5	NORMALE
11	171739069116	10.0	0.0	6.0	NORMALE
12	181839066629	16.0	4.0	11.2	NORMALE
13	181839064789	17.5	14.0	16.1	NORMALE
14	171739075375	8.4	8.4	8.4	NORMALE
15	181839072355	10.5	2.0	7.1	NORMALE
16	181839063232	15.0	14.0	14.6	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	16.5	12.0	14.7	NORMALE
21	161639067288	8.4	8.4	8.4	NORMALE
22	171739070795	10.0	10.0	10.0	NORMALE
23	181839064088	11.5	6.0	9.3	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	0.5	0.0	0.3	NORMALE
26	161639069099	9.6	9.6	9.6	NORMALE
27	181839073658	6.5	5.0	5.9	NORMALE
28	181839071974	16.5	7.0	12.7	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	10.2	10.2	10.2	NORMALE
31	181836048869	15.0	10.0	13.0	NORMALE
32	171739071900	11.0	7.0	9.4	NORMALE
33	181839066301	14.0	6.0	10.8	NORMALE
34	19119046664	10.0	8.0	9.2	NORMALE
35	171739067697	14.0	8.0	11.6	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	0.0	0.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	12.0	7.0	10.0	NORMALE
40	161639075395	10.4	10.4	10.4	NORMALE
41	171739076306	16.0	7.0	12.4	NORMALE
42	181839070196	12.0	7.0	10.0	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.5	0.0	0.3	NORMALE
45	171739069289	10.4	10.4	10.4	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	9.0	10.0	9.4	NORMALE
48	20129045617	10.2	10.2	10.2	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	11.88	11.88	11.88	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	12.52	12.52	12.52	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	6.0	11.3	8.12	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	12.0	11.3	11.72	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	10.08	10.08	10.08	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	8.0	9.0	8.4	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	10.9	4.36	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	15.0	16.7	15.68	NORMALE
18	181839067606	13.5	13.1	13.34	NORMALE
19	161639072619	12.84	12.84	12.84	NORMALE
20	21069056594	12.5	10.9	11.86	NORMALE
21	171739072831	12.24	12.24	12.24	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	14.44	14.44	14.44	NORMALE
24	181839073660	11.0	9.0	10.2	NORMALE
25	171739074823	11.32	11.32	11.32	NORMALE
26	181839069464	15.0	11.5	13.6	NORMALE
27	171739064444	12.4	12.4	12.4	NORMALE
28	161639083633	10.2	10.2	10.2	NORMALE
29	161639070123	12.4	12.4	12.4	NORMALE
30	181839066640	13.5	9.5	11.9	NORMALE
31	181839072367	10.0	9.0	9.6	NORMALE
32	181839050744	12.0	16.7	13.88	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	11.0	14.7	12.48	NORMALE
35	181839066324	11.5	14.5	12.7	NORMALE
36	181839065601	11.0	15.9	12.96	NORMALE
37	181839068244	15.0	14.3	14.72	NORMALE
38	181839063259	15.5	10.1	13.34	NORMALE
39	171739065346	12.0	14.3	12.92	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	12.6	12.6	12.6	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	9.0	9.0	9.0	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	11.92	11.92	11.92	NORMALE
47	171739069165	15.0	13.9	14.56	NORMALE
48	181839072302	3.0	0.0	1.8	NORMALE
49	201539067019	11.4	11.4	11.4	NORMALE
50	19129054134	12.16	12.16	12.16	NORMALE
51	201539076272	2.0	0.0	1.2	NORMALE
52	201439064816	11.44	11.44	11.44	NORMALE
53	21129045350	0.0	10.5	4.2	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	5.0	14.5	8.8	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	12.16	12.16	12.16	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	7.0	13.1	9.44	NORMALE
8	181839068462	10.5	11.5	10.9	NORMALE
9	171739071456	10.2	10.2	10.2	NORMALE
10	181839062710	12.5	13.8	13.02	NORMALE
11	161639073148	11.2	11.2	11.2	NORMALE
12	18119048382	12.0	9.0	10.8	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	8.0	12.3	9.72	NORMALE
15	181839066556	14.0	12.3	13.32	NORMALE
16	181839072368	8.0	13.1	10.04	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	11.0	13.1	11.84	NORMALE
19	171739065462	13.8	13.8	13.8	NORMALE
20	171739081103	12.0	12.0	12.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	12.0	9.0	10.8	NORMALE
23	171739070519	13.48	13.48	13.48	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	14.0	13.8	13.92	NORMALE
26	161739082350	13.0	18.7	15.28	NORMALE
27	171739071180	11.08	11.08	11.08	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	15.0	9.0	12.6	NORMALE
30	181839073623	9.0	9.0	9.0	NORMALE
31	181839069473	6.0	11.5	8.2	NORMALE
32	181839062954	3.0	14.2	7.48	NORMALE
33	181839065214	12.0	15.8	13.52	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	8.5	10.9	9.46	NORMALE
36	181839071168	10.0	11.5	10.6	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	5.5	11.4	7.86	NORMALE
39	181839066353	8.0	11.8	9.52	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	12.16	12.16	12.16	NORMALE
42	181839072339	5.5	14.7	9.18	NORMALE

43	181839064093	13.5	9.6	11.94	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	10.2	10.2	10.2	NORMALE
46	161639065380	10.88	10.88	10.88	NORMALE
47	211539067649	10.5	11.9	11.06	NORMALE
48	211339031941	5.0	9.0	6.6	NORMALE
49	21109042733	3.5	10.9	6.46	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	12.0	15.3	13.32	NORMALE
2	181839068281	10.5	10.9	10.66	NORMALE
3	181839069477	13.0	9.3	11.52	NORMALE
4	181839072372	10.5	9.0	9.9	NORMALE
5	181839072343	14.5	9.0	12.3	NORMALE
6	181839071899	16.0	11.7	14.28	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	10.0	10.2	10.08	NORMALE
9	181839069046	14.0	11.3	12.92	NORMALE
10	181839071169	7.5	14.7	10.38	NORMALE
11	171739082354	14.5	10.1	12.74	NORMALE
12	171739069202	14.0	14.7	14.28	NORMALE
13	181839066965	5.0	11.7	7.68	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	5.5	9.0	6.9	NORMALE
16	181839064483	12.0	12.3	12.12	NORMALE
17	181839062996	3.0	15.3	7.92	NORMALE
18	171739064622	13.0	9.3	11.52	NORMALE
19	161639070870	9.0	12.3	10.32	NORMALE
20	181839070297	0.0	15.3	6.12	NORMALE
21	171739067104	10.5	9.0	9.9	NORMALE
22	171739074830	10.12	10.12	10.12	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	15.04	15.04	15.04	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	4.0	0.0	2.4	NORMALE
29	171739071468	11.16	11.16	11.16	NORMALE
30	181839068464	11.5	11.5	11.5	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	6.0	8.0	6.8	NORMALE
33	181839073637	12.0	9.0	10.8	NORMALE
34	171739065695	10.68	10.68	10.68	NORMALE
35	181839063269	6.0	10.9	7.96	NORMALE
36	171739051965	4.0	8.7	5.88	NORMALE
37	171739070668	13.0	13.0	13.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	11.4	11.4	11.4	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	17.5	17.95	17.68	NORMALE
42	161639067400	11.4	11.4	11.4	NORMALE

43	181839065636	15.0	15.9	15.36	NORMALE
44	181839065397	10.5	9.3	10.02	NORMALE
45	171739072843	10.96	10.96	10.96	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	11.0	9.5	10.4	NORMALE
49	21109042745	9.0	13.9	10.96	NORMALE
50	181539053219	10.56	10.56	10.56	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	4.0	9.0	6.0	NORMALE
3	171739072855	12.0	12.0	12.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	6.0	15.6	9.84	NORMALE
6	171739075170	8.0	12.0	9.6	NORMALE
7	181839069072	10.0	9.0	9.6	NORMALE
8	181839063208	16.5	17.8	17.02	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	6.0	13.0	8.8	NORMALE
11	161639068495	14.04	14.04	14.04	NORMALE
12	181839068812	14.0	15.6	14.64	NORMALE
13	161739082359	9.6	9.6	9.6	NORMALE
14	181839065646	16.0	13.8	15.12	NORMALE
15	161639074250	6.5	11.0	8.3	NORMALE
16	181839073668	4.5	12.0	7.5	NORMALE
17	181839069716	4.0	9.0	6.0	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	9.0	12.0	10.2	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	9.0	9.6	9.24	NORMALE
24	181839064565	7.0	10.6	8.44	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	13.0	10.2	11.88	NORMALE
27	171739071469	11.4	11.4	11.4	NORMALE
28	161639071502	2.0	0.0	1.2	NORMALE
29	181839067480	18.5	18.4	18.46	NORMALE
30	181839072344	4.0	6.6	5.04	NORMALE
31	181839071949	9.5	6.0	8.1	NORMALE
32	171739068595	0.0	12.0	4.8	NORMALE
33	181839071405	9.0	10.2	9.48	NORMALE
34	171739071186	10.5	12.6	11.34	NORMALE
35	171739076048	13.8	13.8	13.8	NORMALE
36	181839063249	17.0	10.0	14.2	NORMALE
37	161639065774	11.16	11.16	11.16	NORMALE
38	181839062744	10.0	15.0	12.0	NORMALE
39	181839063915	9.5	12.0	10.5	NORMALE
40	181839067972	13.0	12.0	12.6	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	3.0	14.4	7.56	NORMALE

43	171739074354	15.0	15.0	15.0	NORMALE
44	181839070302	6.0	13.0	8.8	NORMALE
45	181839065413	13.0	17.4	14.76	NORMALE
46	171739069277	10.12	10.12	10.12	NORMALE
47	171739066074	12.76	12.76	12.76	NORMALE
48	21129036386	15.0	9.0	12.6	NORMALE
49	201539074100	10.6	10.6	10.6	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	11.04	11.04	11.04	NORMALE
2	161639078520	7.8	7.8	7.8	NORMALE
3	181839067063	13.0	14.7	13.68	NORMALE
4	181839067976	14.0	15.5	14.6	NORMALE
5	181839071455	16.0	13.1	14.84	NORMALE
6	171739064744	12.4	12.4	12.4	NORMALE
7	181839063250	3.0	13.5	7.2	NORMALE
8	181839069073	8.5	10.3	9.22	NORMALE
9	181839064076	17.0	13.1	15.44	NORMALE
10	181839070604	14.5	12.3	13.62	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	12.0	13.9	12.76	NORMALE
14	181839071969	6.0	12.3	8.52	NORMALE
15	21089053900	3.5	13.9	7.66	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	6.5	12.3	8.82	NORMALE
19	171739071710	10.56	10.56	10.56	NORMALE
20	181839069765	5.0	8.5	6.4	NORMALE
21	171739070719	12.5	11.1	11.94	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	4.0	14.7	8.28	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	9.5	12.3	10.62	NORMALE
26	181839072345	6.5	10.5	8.1	NORMALE
27	171739071280	11.88	11.88	11.88	NORMALE
28	171739069281	11.56	11.56	11.56	NORMALE
29	171739075278	11.16	11.16	11.16	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	12.12	12.12	12.12	NORMALE
32	181839073647	14.0	11.5	13.0	NORMALE
33	161639069025	13.5	11.5	12.7	NORMALE
34	171739082385	15.36	15.36	15.36	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	17.0	13.9	15.76	NORMALE
37	181539066186	11.16	11.16	11.16	NORMALE
38	181839068854	11.5	8.5	10.3	NORMALE
39	171739066078	10.72	10.72	10.72	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	15.0	10.5	13.2	NORMALE
42	171739070140	5.0	9.5	6.8	NORMALE

43	161539075147	4.0	12.3	7.32	NORMALE
44	171739067356	8.0	13.0	10.0	NORMALE
45	171739068643	11.64	11.64	11.64	NORMALE
46	181839067523	8.5	11.5	9.7	NORMALE
47	181839063225	16.0	9.3	13.32	NORMALE
48	211339057308	8.0	11.5	9.4	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	6.5	13.1	9.14	NORMALE
2	171739069284	11.4	11.4	11.4	NORMALE
3	161639078588	10.8	10.8	10.8	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	13.3	5.32	NORMALE
6	181839062798	9.0	12.3	10.32	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	17.0	15.5	16.4	NORMALE
9	171739071382	0.0	0.0	0.0	NORMALE
10	171739073336	8.0	9.3	8.52	NORMALE
11	181839071973	8.5	11.5	9.7	NORMALE
12	171739064249	16.0	10.1	13.64	NORMALE
13	181839063231	8.5	14.5	10.9	NORMALE
14	21119045401	7.5	8.5	7.9	NORMALE
15	171739074772	10.68	10.68	10.68	NORMALE
16	181839067569	17.0	0.0	10.2	NORMALE
17	171739070194	12.16	12.16	12.16	NORMALE
18	181839068444	17.0	14.3	15.92	NORMALE
19	161639066586	9.8	9.8	9.8	NORMALE
20	181839064085	0.0	12.3	4.92	NORMALE
21	181839067616	3.5	8.0	5.3	NORMALE
22	161639069055	8.0	11.5	9.4	NORMALE
23	181539075199	8.0	9.3	8.52	NORMALE
24	181839065427	12.0	9.3	10.92	NORMALE
25	171739076304	10.2	10.2	10.2	NORMALE
26	181839069074	13.5	14.5	13.9	NORMALE
27	171739071844	15.16	15.16	15.16	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	17.5	13.1	15.74	NORMALE
31	181839073649	12.0	9.0	10.8	NORMALE
32	171739075355	10.0	9.0	9.6	NORMALE
33	171739067361	16.0	14.7	15.48	NORMALE
34	181839068980	17.0	11.5	14.8	NORMALE
35	161639072471	14.8	14.8	14.8	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	16.0	13.1	14.84	NORMALE
38	181839065661	16.0	15.9	15.96	NORMALE
39	181839067068	16.0	13.1	14.84	NORMALE
40	161639075277	11.16	11.16	11.16	NORMALE
41	171739069038	14.0	16.1	14.84	NORMALE
42	171739066304	12.6	12.6	12.6	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	10.0	13.3	11.32	NORMALE
45	171739070779	11.4	11.4	11.4	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	3.0	4.5	3.6	NORMALE
48	211539079159	11.0	12.7	11.68	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	11.0	12.7	11.68	NORMALE
51	201439055911	10.44	10.44	10.44	NORMALE

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Matière: Génie de la Réaction II : Réacteurs Poly-Phasiques / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	12.0	12.0	12.0	NORMALE
2	181839068982	5.5	11.5	7.9	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	12.24	12.24	12.24	NORMALE
6	181839067113	7.5	9.3	8.22	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	14.0	14.5	14.2	NORMALE
9	161631029915	16.0	11.5	14.2	NORMALE
10	181839062881	16.0	17.9	16.76	NORMALE
11	171739069116	10.8	10.8	10.8	NORMALE
12	181839066629	8.5	7.4	8.06	NORMALE
13	181839064789	16.5	10.1	13.94	NORMALE
14	171739075375	12.28	12.28	12.28	NORMALE
15	181839072355	11.0	14.5	12.4	NORMALE
16	181839063232	12.0	12.5	12.2	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	10.44	10.44	10.44	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	5.5	13.1	8.54	NORMALE
21	161639067288	14.04	14.04	14.04	NORMALE
22	171739070795	10.76	10.76	10.76	NORMALE
23	181839064088	6.5	11.7	8.58	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	3.5	9.5	5.9	NORMALE
26	161639069099	11.4	11.4	11.4	NORMALE
27	181839073658	3.5	8.5	5.5	NORMALE
28	181839071974	9.0	9.3	9.12	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	10.2	10.2	10.2	NORMALE
31	181836048869	17.0	15.1	16.24	NORMALE
32	171739071900	10.72	10.72	10.72	NORMALE
33	181839066301	10.0	11.5	10.6	NORMALE
34	19119046664	7.0	12.3	9.12	NORMALE
35	171739067697	11.0	15.9	12.96	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	11.8	11.8	11.8	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	12.04	12.04	12.04	NORMALE
40	161639075395	10.56	10.56	10.56	NORMALE
41	171739076306	11.32	11.32	11.32	NORMALE
42	181839070196	11.0	11.5	11.2	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	0.0	0.0	NORMALE
45	171739069289	11.16	11.16	11.16	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	16.0	11.5	14.2	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	3.0	0.0	1.8	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	4.85	4.85	4.85	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	5.0	8.95	6.58	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	2.0	7.0	4.0	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	1.75	7.05	3.87	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	2.0	8.2	4.48	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	2.0	5.6	3.44	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	5.2	2.08	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	6.0	11.2	8.08	NORMALE
18	181839067606	0.5	8.0	3.5	NORMALE
19	161639072619	4.0	9.7	6.28	NORMALE
20	21069056594	0.75	10.0	4.45	NORMALE
21	171739072831	5.0	8.0	6.2	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	5.0	7.25	5.9	NORMALE
24	181839073660	1.0	6.45	3.18	NORMALE
25	171739074823	9.0	9.0	9.0	NORMALE
26	181839069464	2.0	10.8	5.52	NORMALE
27	171739064444	6.0	6.0	6.0	NORMALE
28	161639083633	0.0	0.0	0.0	NORMALE
29	161639070123	5.5	7.1	6.14	NORMALE
30	181839066640	0.5	8.85	3.84	NORMALE
31	181839072367	4.0	8.85	5.94	NORMALE
32	181839050744	0.0	7.25	2.9	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	0.5	6.55	2.92	NORMALE
35	181839066324	6.75	11.3	8.57	NORMALE
36	181839065601	3.0	8.1	5.04	NORMALE
37	181839068244	1.0	7.1	3.44	NORMALE
38	181839063259	4.25	8.7	6.03	NORMALE
39	171739065346	2.25	8.3	4.67	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	8.0	11.45	9.38	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	2.75	3.0	2.85	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	0.0	0.0	0.0	NORMALE
47	171739069165	3.0	7.5	4.8	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	2.0	7.25	4.1	NORMALE
50	19129054134	6.5	8.05	7.12	NORMALE
51	201539076272	1.5	0.0	0.9	NORMALE
52	201439064816	6.8	6.8	6.8	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	0.75	8.3	3.77	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	0.0	0.0	0.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	2.5	7.2	4.38	NORMALE
8	181839068462	3.5	6.95	4.88	NORMALE
9	171739071456	2.75	8.8	5.17	NORMALE
10	181839062710	2.25	8.3	4.67	NORMALE
11	161639073148	6.75	7.0	6.85	NORMALE
12	18119048382	3.0	8.0	5.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	1.0	3.75	2.1	NORMALE
15	181839066556	5.5	9.1	6.94	NORMALE
16	181839072368	7.5	7.3	7.42	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	2.75	9.6	5.49	NORMALE
19	171739065462	2.0	7.9	4.36	NORMALE
20	171739081103	5.0	9.1	6.64	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.5	7.15	3.16	NORMALE
23	171739070519	5.05	5.05	5.05	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	1.0	7.6	3.64	NORMALE
26	161739082350	5.25	10.7	7.43	NORMALE
27	171739071180	2.75	10.0	5.65	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	1.5	7.15	3.76	NORMALE
30	181839073623	2.25	7.7	4.43	NORMALE
31	181839069473	5.0	10.0	7.0	NORMALE
32	181839062954	0.5	7.2	3.18	NORMALE
33	181839065214	5.5	8.6	6.74	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	1.25	6.85	3.49	NORMALE
36	181839071168	1.25	8.4	4.11	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	0.5	2.0	1.1	NORMALE
39	181839066353	2.75	7.4	4.61	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	4.0	7.0	5.2	NORMALE
42	181839072339	0.75	7.9	3.61	NORMALE

43	181839064093	1.25	6.8	3.47	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	8.0	10.0	8.8	NORMALE
46	161639065380	3.5	0.0	2.1	NORMALE
47	211539067649	3.25	6.1	4.39	NORMALE
48	211339031941	2.0	2.0	2.0	NORMALE
49	21109042733	2.25	7.95	4.53	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	2.5	9.25	5.2	NORMALE
2	181839068281	2.25	9.4	5.11	NORMALE
3	181839069477	1.75	7.15	3.91	NORMALE
4	181839072372	0.5	7.95	3.48	NORMALE
5	181839072343	0.5	8.55	3.72	NORMALE
6	181839071899	1.5	12.05	5.72	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	2.5	6.65	4.16	NORMALE
9	181839069046	4.0	7.6	5.44	NORMALE
10	181839071169	0.5	5.6	2.54	NORMALE
11	171739082354	0.75	9.05	4.07	NORMALE
12	171739069202	5.25	7.45	6.13	NORMALE
13	181839066965	0.5	7.95	3.48	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	0.5	8.55	3.72	NORMALE
16	181839064483	1.0	7.9	3.76	NORMALE
17	181839062996	0.5	5.9	2.66	NORMALE
18	171739064622	0.75	8.15	3.71	NORMALE
19	161639070870	2.75	8.3	4.97	NORMALE
20	181839070297	2.5	9.7	5.38	NORMALE
21	171739067104	2.25	6.7	4.03	NORMALE
22	171739074830	0.0	0.0	0.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	4.0	7.75	5.5	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	0.5	0.0	0.3	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	2.75	7.7	4.73	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	0.5	9.0	3.9	NORMALE
33	181839073637	2.25	6.75	4.05	NORMALE
34	171739065695	4.5	8.2	5.98	NORMALE
35	181839063269	1.75	0.0	1.05	NORMALE
36	171739051965	0.5	6.35	2.84	NORMALE
37	171739070668	3.0	8.45	5.18	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	5.0	4.0	4.6	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	11.0	13.85	12.14	NORMALE
42	161639067400	2.5	8.65	4.96	NORMALE

43	181839065636	9.0	8.75	8.9	NORMALE
44	181839065397	2.25	7.85	4.49	NORMALE
45	171739072843	7.25	11.7	9.03	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	11.0	11.05	11.02	NORMALE
49	21109042745	1.5	10.05	4.92	NORMALE
50	181539053219	3.0	8.0	5.0	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	0.5	4.75	2.2	NORMALE
3	171739072855	4.5	7.0	5.5	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	6.0	6.35	6.14	NORMALE
6	171739075170	0.5	7.95	3.48	NORMALE
7	181839069072	0.75	7.95	3.63	NORMALE
8	181839063208	2.0	11.35	5.74	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	0.5	6.95	3.08	NORMALE
11	161639068495	4.5	8.65	6.16	NORMALE
12	181839068812	1.25	10.7	5.03	NORMALE
13	161739082359	5.5	9.25	7.0	NORMALE
14	181839065646	1.5	0.0	0.9	NORMALE
15	161639074250	1.0	4.5	2.4	NORMALE
16	181839073668	0.5	6.3	2.82	NORMALE
17	181839069716	1.0	6.3	3.12	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	5.25	8.25	6.45	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	1.75	8.5	4.45	NORMALE
24	181839064565	5.5	7.95	6.48	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	0.5	6.2	2.78	NORMALE
27	171739071469	5.9	5.9	5.9	NORMALE
28	161639071502	0.5	6.0	2.7	NORMALE
29	181839067480	7.25	10.6	8.59	NORMALE
30	181839072344	3.25	0.0	1.95	NORMALE
31	181839071949	1.75	7.9	4.21	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	1.0	8.4	3.96	NORMALE
34	171739071186	0.5	8.75	3.8	NORMALE
35	171739076048	3.0	9.05	5.42	NORMALE
36	181839063249	5.5	10.0	7.3	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	3.0	9.9	5.76	NORMALE
39	181839063915	1.0	8.3	3.92	NORMALE
40	181839067972	0.5	9.2	3.98	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	0.5	10.0	4.3	NORMALE

43	171739074354	3.0	3.0	3.0	NORMALE
44	181839070302	7.5	8.2	7.78	NORMALE
45	181839065413	1.25	7.7	3.83	NORMALE
46	171739069277	0.0	7.1	2.84	NORMALE
47	171739066074	5.25	9.65	7.01	NORMALE
48	21129036386	2.25	10.15	5.41	NORMALE
49	201539074100	0.0	0.0	0.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	2.75	8.75	5.15	NORMALE
2	161639078520	5.0	7.4	5.96	NORMALE
3	181839067063	0.5	6.55	2.92	NORMALE
4	181839067976	1.25	8.75	4.25	NORMALE
5	181839071455	3.25	8.15	5.21	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	1.5	9.95	4.88	NORMALE
8	181839069073	4.0	7.45	5.38	NORMALE
9	181839064076	2.5	7.25	4.4	NORMALE
10	181839070604	2.0	8.2	4.48	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	1.0	10.5	4.8	NORMALE
14	181839071969	3.0	7.85	4.94	NORMALE
15	21089053900	5.0	9.3	6.72	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	1.0	5.4	2.76	NORMALE
19	171739071710	2.75	7.55	4.67	NORMALE
20	181839069765	1.0	0.0	0.6	NORMALE
21	171739070719	0.5	7.8	3.42	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.5	7.25	3.2	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.5	7.2	3.18	NORMALE
26	181839072345	0.5	7.35	3.24	NORMALE
27	171739071280	3.5	7.7	5.18	NORMALE
28	171739069281	3.75	7.55	5.27	NORMALE
29	171739075278	3.0	7.6	4.84	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	3.0	7.75	4.9	NORMALE
32	181839073647	1.5	8.7	4.38	NORMALE
33	161639069025	5.0	11.35	7.54	NORMALE
34	171739082385	8.0	8.0	8.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	3.5	9.25	5.8	NORMALE
37	181539066186	2.0	0.0	1.2	NORMALE
38	181839068854	4.0	10.05	6.42	NORMALE
39	171739066078	5.0	10.85	7.34	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	0.5	7.05	3.12	NORMALE
42	171739070140	0.5	8.55	3.72	NORMALE

43	161539075147	0.5	6.85	3.04	NORMALE
44	171739067356	5.0	3.0	4.2	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	0.75	8.0	3.65	NORMALE
47	181839063225	0.75	6.25	2.95	NORMALE
48	211339057308	4.5	8.05	5.92	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.5	8.3	3.62	NORMALE
2	171739069284	6.5	10.1	7.94	NORMALE
3	161639078588	4.0	4.0	4.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	0.0	0.0	NORMALE
6	181839062798	3.0	7.5	4.8	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	5.25	9.2	6.83	NORMALE
9	171739071382	4.0	2.0	3.2	NORMALE
10	171739073336	4.5	9.25	6.4	NORMALE
11	181839071973	2.5	8.7	4.98	NORMALE
12	171739064249	0.5	7.35	3.24	NORMALE
13	181839063231	1.25	7.35	3.69	NORMALE
14	21119045401	0.75	7.15	3.31	NORMALE
15	171739074772	6.0	7.3	6.52	NORMALE
16	181839067569	3.25	7.9	5.11	NORMALE
17	171739070194	2.5	8.9	5.06	NORMALE
18	181839068444	4.25	9.05	6.17	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	0.5	0.0	0.3	NORMALE
22	161639069055	1.5	0.0	0.9	NORMALE
23	181539075199	0.75	8.7	3.93	NORMALE
24	181839065427	0.75	9.2	4.13	NORMALE
25	171739076304	3.5	7.9	5.26	NORMALE
26	181839069074	4.25	7.9	5.71	NORMALE
27	171739071844	5.0	7.4	5.96	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	7.25	8.65	7.81	NORMALE
31	181839073649	1.25	8.55	4.17	NORMALE
32	171739075355	2.0	7.95	4.38	NORMALE
33	171739067361	10.5	9.45	10.08	NORMALE
34	181839068980	3.25	7.95	5.13	NORMALE
35	161639072471	4.5	8.05	5.92	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	4.5	8.05	5.92	NORMALE
38	181839065661	5.0	3.75	4.5	NORMALE
39	181839067068	0.5	6.2	2.78	NORMALE
40	161639075277	3.5	7.55	5.12	NORMALE
41	171739069038	2.25	10.35	5.49	NORMALE
42	171739066304	0.5	7.2	3.18	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	1.25	6.85	3.49	NORMALE
45	171739070779	4.25	7.4	5.51	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	3.75	7.55	5.27	NORMALE
48	211539079159	4.0	11.35	6.94	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	1.5	11.5	5.5	NORMALE
51	201439055911	3.0	7.75	4.9	NORMALE

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Matière: Opération Unitaires II (Humidification-Séchage -Évaporation-Cristallisation) / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	5.5	9.8	7.22	NORMALE
2	181839068982	1.0	8.35	3.94	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	0.0	9.0	3.6	NORMALE
6	181839067113	4.25	6.25	5.05	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	4.5	8.55	6.12	NORMALE
9	161631029915	2.0	7.3	4.12	NORMALE
10	181839062881	4.75	8.65	6.31	NORMALE
11	171739069116	0.0	0.0	0.0	NORMALE
12	181839066629	0.5	10.7	4.58	NORMALE
13	181839064789	0.5	8.45	3.68	NORMALE
14	171739075375	4.25	9.3	6.27	NORMALE
15	181839072355	4.0	8.3	5.72	NORMALE
16	181839063232	1.0	7.8	3.72	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	6.25	7.75	6.85	NORMALE
21	161639067288	0.0	0.0	0.0	NORMALE
22	171739070795	5.0	5.0	5.0	NORMALE
23	181839064088	1.0	6.8	3.32	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	0.5	5.25	2.4	NORMALE
26	161639069099	5.0	8.5	6.4	NORMALE
27	181839073658	0.75	7.35	3.39	NORMALE
28	181839071974	1.0	6.2	3.08	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	2.5	7.1	4.34	NORMALE
31	181836048869	4.75	9.25	6.55	NORMALE
32	171739071900	5.5	7.45	6.28	NORMALE
33	181839066301	4.0	8.75	5.9	NORMALE
34	19119046664	4.0	11.2	6.88	NORMALE
35	171739067697	0.75	9.35	4.19	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	0.0	0.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	5.0	9.4	6.76	NORMALE
40	161639075395	4.75	4.75	4.75	NORMALE
41	171739076306	4.0	11.25	6.9	NORMALE
42	181839070196	0.75	9.7	4.33	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	2.5	0.0	1.5	NORMALE
45	171739069289	4.5	7.75	5.8	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	1.0	7.75	3.7	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	14.0	14.0	14.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	10.8	10.8	10.8	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	17.0	15.0	16.2	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	14.5	15.0	14.7	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	15.4	15.4	15.4	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	10.6	10.6	10.6	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	0.0	0.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	19.0	14.0	17.0	NORMALE
18	181839067606	0.0	14.0	5.6	NORMALE
19	161639072619	12.4	12.4	12.4	NORMALE
20	21069056594	20.0	16.0	18.4	NORMALE
21	171739072831	13.8	13.8	13.8	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	14.2	14.2	14.2	NORMALE
24	181839073660	13.5	14.0	13.7	NORMALE
25	171739074823	11.6	11.6	11.6	NORMALE
26	181839069464	17.0	16.0	16.6	NORMALE
27	171739064444	9.2	9.2	9.2	NORMALE
28	161639083633	0.0	0.0	0.0	NORMALE
29	161639070123	15.4	15.4	15.4	NORMALE
30	181839066640	20.0	14.0	17.6	NORMALE
31	181839072367	5.0	14.0	8.6	NORMALE
32	181839050744	10.5	15.0	12.3	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	6.0	14.0	9.2	NORMALE
35	181839066324	11.5	16.0	13.3	NORMALE
36	181839065601	17.0	15.0	16.2	NORMALE
37	181839068244	18.0	14.0	16.4	NORMALE
38	181839063259	19.0	14.0	17.0	NORMALE
39	171739065346	7.0	14.0	9.8	NORMALE
40	161639067341	12.8	12.8	12.8	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	13.0	13.0	13.0	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	17.0	14.0	15.8	NORMALE
45	181839067117	0.0	14.0	5.6	NORMALE
46	171739066651	12.1	12.1	12.1	NORMALE
47	171739069165	17.0	15.0	16.2	NORMALE
48	181839072302	1.0	0.0	0.6	NORMALE
49	201539067019	7.5	14.0	10.1	NORMALE
50	19129054134	17.0	17.0	17.0	NORMALE
51	201539076272	13.5	0.0	8.1	NORMALE
52	201439064816	15.4	15.4	15.4	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	4.0	14.0	8.0	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	10.0	10.0	10.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	14.6	14.6	14.6	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	12.0	14.0	12.8	NORMALE
8	181839068462	4.0	14.0	8.0	NORMALE
9	171739071456	12.6	12.6	12.6	NORMALE
10	181839062710	1.0	14.0	6.2	NORMALE
11	161639073148	17.0	15.0	16.2	NORMALE
12	18119048382	5.0	16.0	9.4	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	15.5	15.0	15.3	NORMALE
15	181839066556	16.0	15.0	15.6	NORMALE
16	181839072368	18.0	14.0	16.4	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	13.5	0.0	8.1	NORMALE
19	171739065462	12.8	12.8	12.8	NORMALE
20	171739081103	12.8	12.8	12.8	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	17.0	14.0	15.8	NORMALE
23	171739070519	15.2	15.2	15.2	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	20.0	15.0	18.0	NORMALE
26	161739082350	20.0	14.0	17.6	NORMALE
27	171739071180	12.0	12.0	12.0	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	11.0	11.0	11.0	NORMALE
30	181839073623	6.0	14.0	9.2	NORMALE
31	181839069473	5.5	14.0	8.9	NORMALE
32	181839062954	8.5	14.0	10.7	NORMALE
33	181839065214	20.0	14.0	17.6	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	14.5	16.0	15.1	NORMALE
36	181839071168	4.0	16.0	8.8	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	20.0	16.0	18.4	NORMALE
39	181839066353	20.0	14.0	17.6	NORMALE
40	181839067143	0.0	15.0	6.0	NORMALE
41	171739076008	11.6	11.6	11.6	NORMALE
42	181839072339	8.5	14.0	10.7	NORMALE

43	181839064093	20.0	14.0	17.6	NORMALE
44	171739069177	13.2	13.2	13.2	NORMALE
45	171739072841	12.8	12.8	12.8	NORMALE
46	161639065380	17.4	17.4	17.4	NORMALE
47	211539067649	4.0	16.0	8.8	NORMALE
48	211339031941	6.0	14.0	9.2	NORMALE
49	21109042733	5.0	16.0	9.4	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	16.0	15.0	15.6	NORMALE
2	181839068281	15.0	16.0	15.4	NORMALE
3	181839069477	17.0	15.0	16.2	NORMALE
4	181839072372	7.0	14.0	9.8	NORMALE
5	181839072343	20.0	14.0	17.6	NORMALE
6	181839071899	20.0	15.0	18.0	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	13.6	13.6	13.6	NORMALE
9	181839069046	6.0	15.0	9.6	NORMALE
10	181839071169	12.0	14.0	12.8	NORMALE
11	171739082354	9.0	14.0	11.0	NORMALE
12	171739069202	17.5	14.0	16.1	NORMALE
13	181839066965	6.0	14.0	9.2	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	4.0	14.0	8.0	NORMALE
16	181839064483	17.0	15.0	16.2	NORMALE
17	181839062996	1.0	15.0	6.6	NORMALE
18	171739064622	3.0	14.0	7.4	NORMALE
19	161639070870	20.0	14.0	17.6	NORMALE
20	181839070297	12.5	15.0	13.5	NORMALE
21	171739067104	13.5	14.0	13.7	NORMALE
22	171739074830	10.2	10.2	10.2	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	10.6	10.6	10.6	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	5.5	0.0	3.3	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	17.0	14.0	15.8	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	16.0	14.0	15.2	NORMALE
33	181839073637	17.0	14.0	15.8	NORMALE
34	171739065695	11.8	11.8	11.8	NORMALE
35	181839063269	1.0	14.0	6.2	NORMALE
36	171739051965	3.0	14.0	7.4	NORMALE
37	171739070668	11.45	11.45	11.45	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	3.0	12.0	6.6	NORMALE
40	171739074255	1.0	0.0	0.6	NORMALE
41	181839066358	17.0	15.0	16.2	NORMALE
42	161639067400	14.2	14.2	14.2	NORMALE

43	181839065636	17.5	15.0	16.5	NORMALE
44	181839065397	6.0	14.0	9.2	NORMALE
45	171739072843	12.2	12.2	12.2	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	8.5	15.0	11.1	NORMALE
49	21109042745	15.5	16.0	15.7	NORMALE
50	181539053219	13.4	13.4	13.4	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	5.0	14.0	8.6	NORMALE
3	171739072855	14.6	14.6	14.6	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	7.0	14.0	9.8	NORMALE
6	171739075170	6.0	14.0	9.2	NORMALE
7	181839069072	9.5	14.0	11.3	NORMALE
8	181839063208	9.5	14.0	11.3	NORMALE
9	171739064733	12.0	12.0	12.0	NORMALE
10	181839066989	13.0	14.0	13.4	NORMALE
11	161639068495	14.2	14.2	14.2	NORMALE
12	181839068812	20.0	15.0	18.0	NORMALE
13	161739082359	15.4	15.4	15.4	NORMALE
14	181839065646	12.5	15.0	13.5	NORMALE
15	161639074250	3.0	14.0	7.4	NORMALE
16	181839073668	1.0	14.0	6.2	NORMALE
17	181839069716	6.0	14.0	9.2	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	10.0	14.0	11.6	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	3.5	15.0	8.1	NORMALE
24	181839064565	5.0	14.0	8.6	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	12.5	14.0	13.1	NORMALE
27	171739071469	14.6	14.6	14.6	NORMALE
28	161639071502	1.0	14.0	6.2	NORMALE
29	181839067480	17.0	15.0	16.2	NORMALE
30	181839072344	6.0	0.0	3.6	NORMALE
31	181839071949	13.5	14.0	13.7	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	17.0	14.0	15.8	NORMALE
34	171739071186	6.5	14.0	9.5	NORMALE
35	171739076048	13.8	13.8	13.8	NORMALE
36	181839063249	16.0	14.0	15.2	NORMALE
37	161639065774	12.4	12.4	12.4	NORMALE
38	181839062744	14.5	14.0	14.3	NORMALE
39	181839063915	4.0	14.0	8.0	NORMALE
40	181839067972	7.0	14.0	9.8	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	8.5	14.0	10.7	NORMALE

43	171739074354	13.0	13.0	13.0	NORMALE
44	181839070302	18.0	14.0	16.4	NORMALE
45	181839065413	14.5	14.0	14.3	NORMALE
46	171739069277	10.0	10.0	10.0	NORMALE
47	171739066074	15.6	15.6	15.6	NORMALE
48	21129036386	17.0	15.0	16.2	NORMALE
49	201539074100	11.2	11.2	11.2	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	16.2	16.2	16.2	NORMALE
2	161639078520	0.0	15.0	6.0	NORMALE
3	181839067063	17.0	12.0	15.0	NORMALE
4	181839067976	20.0	14.0	17.6	NORMALE
5	181839071455	13.5	14.0	13.7	NORMALE
6	171739064744	12.4	12.4	12.4	NORMALE
7	181839063250	6.0	14.0	9.2	NORMALE
8	181839069073	19.0	14.0	17.0	NORMALE
9	181839064076	7.0	14.0	9.8	NORMALE
10	181839070604	17.0	15.0	16.2	NORMALE
11	161639065861	1.0	0.0	0.6	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	14.5	15.0	14.7	NORMALE
14	181839071969	13.0	14.0	13.4	NORMALE
15	21089053900	2.0	15.0	7.2	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	16.0	14.0	15.2	NORMALE
19	171739071710	5.0	14.0	8.6	NORMALE
20	181839069765	14.0	14.0	14.0	NORMALE
21	171739070719	20.0	16.0	18.4	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	3.0	14.0	7.4	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	13.0	14.0	13.4	NORMALE
26	181839072345	20.0	14.0	17.6	NORMALE
27	171739071280	12.0	12.0	12.0	NORMALE
28	171739069281	12.4	12.4	12.4	NORMALE
29	171739075278	16.6	16.6	16.6	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	12.8	12.8	12.8	NORMALE
32	181839073647	7.0	14.0	9.8	NORMALE
33	161639069025	16.0	15.0	15.6	NORMALE
34	171739082385	11.6	11.6	11.6	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	7.0	14.0	9.8	NORMALE
37	181539066186	13.8	13.8	13.8	NORMALE
38	181839068854	3.5	14.0	7.7	NORMALE
39	171739066078	13.0	13.0	13.0	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	9.5	14.0	11.3	NORMALE
42	171739070140	17.0	16.0	16.6	NORMALE

43	161539075147	17.5	15.0	16.5	NORMALE
44	171739067356	13.0	12.0	12.6	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	4.0	0.0	2.4	NORMALE
47	181839063225	14.5	14.0	14.3	NORMALE
48	211339057308	7.0	15.0	10.2	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	7.5	14.0	10.1	NORMALE
2	171739069284	14.4	14.4	14.4	NORMALE
3	161639078588	14.6	14.6	14.6	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	14.0	5.6	NORMALE
6	181839062798	3.0	15.0	7.8	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	17.0	14.0	15.8	NORMALE
9	171739071382	11.2	11.2	11.2	NORMALE
10	171739073336	9.0	15.0	11.4	NORMALE
11	181839071973	5.0	14.0	8.6	NORMALE
12	171739064249	17.0	14.0	15.8	NORMALE
13	181839063231	11.5	14.0	12.5	NORMALE
14	21119045401	7.0	15.0	10.2	NORMALE
15	171739074772	11.6	11.6	11.6	NORMALE
16	181839067569	14.0	14.0	14.0	NORMALE
17	171739070194	15.8	15.8	15.8	NORMALE
18	181839068444	17.0	14.0	15.8	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	15.0	6.0	NORMALE
21	181839067616	3.0	14.0	7.4	NORMALE
22	161639069055	6.5	15.0	9.9	NORMALE
23	181539075199	20.0	14.0	17.6	NORMALE
24	181839065427	7.0	15.0	10.2	NORMALE
25	171739076304	10.4	10.4	10.4	NORMALE
26	181839069074	16.0	14.0	15.2	NORMALE
27	171739071844	10.8	10.8	10.8	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	17.0	14.0	15.8	NORMALE
31	181839073649	17.0	14.0	15.8	NORMALE
32	171739075355	7.0	14.0	9.8	NORMALE
33	171739067361	18.0	14.0	16.4	NORMALE
34	181839068980	14.5	16.0	15.1	NORMALE
35	161639072471	16.0	16.0	16.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	20.0	14.0	17.6	NORMALE
38	181839065661	17.0	15.0	16.2	NORMALE
39	181839067068	17.0	14.0	15.8	NORMALE
40	161639075277	14.6	14.6	14.6	NORMALE
41	171739069038	20.0	14.0	17.6	NORMALE
42	171739066304	10.6	10.6	10.6	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	17.5	15.0	16.5	NORMALE
45	171739070779	12.2	12.2	12.2	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	14.0	15.0	14.4	NORMALE
48	211539079159	16.5	14.0	15.5	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	15.0	15.0	15.0	NORMALE
51	201439055911	14.2	14.2	14.2	NORMALE

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Matière: Procédés d' Adsorption et Séparation Membranaire / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	13.2	13.2	13.2	NORMALE
2	181839068982	8.5	14.0	10.7	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	10.85	10.85	10.85	NORMALE
6	181839067113	15.0	14.0	14.6	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	12.0	14.0	12.8	NORMALE
9	161631029915	13.0	15.0	13.8	NORMALE
10	181839062881	20.0	14.0	17.6	NORMALE
11	171739069116	15.8	15.8	15.8	NORMALE
12	181839066629	12.5	0.0	7.5	NORMALE
13	181839064789	11.0	14.0	12.2	NORMALE
14	171739075375	15.4	15.4	15.4	NORMALE
15	181839072355	12.0	14.0	12.8	NORMALE
16	181839063232	7.0	14.0	9.8	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	13.0	13.0	13.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	5.5	14.0	8.9	NORMALE
21	161639067288	13.0	13.0	13.0	NORMALE
22	171739070795	14.6	14.6	14.6	NORMALE
23	181839064088	14.0	14.0	14.0	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	3.0	14.0	7.4	NORMALE
26	161639069099	10.0	10.0	10.0	NORMALE
27	181839073658	11.5	14.0	12.5	NORMALE
28	181839071974	2.0	14.0	6.8	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	14.6	14.6	14.6	NORMALE
31	181836048869	17.0	14.0	15.8	NORMALE
32	171739071900	15.6	15.6	15.6	NORMALE
33	181839066301	18.0	14.0	16.4	NORMALE
34	19119046664	17.0	15.0	16.2	NORMALE
35	171739067697	14.5	15.0	14.7	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	14.0	14.0	14.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	12.6	12.6	12.6	NORMALE
40	161639075395	11.4	11.4	11.4	NORMALE
41	171739076306	10.8	10.8	10.8	NORMALE
42	181839070196	11.5	14.0	12.5	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	1.0	0.0	0.6	NORMALE
45	171739069289	11.2	11.2	11.2	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	12.5	15.0	13.5	NORMALE
48	20129045617	13.6	13.6	13.6	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	11.5	0.0	11.5	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	14.5	0.0	14.5	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	7.0	0.0	7.0	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	9.0	0.0	9.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	9.0	0.0	9.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	9.0	0.0	9.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	0.0	0.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	10.0	0.0	10.0	NORMALE
18	181839067606	10.0	0.0	10.0	NORMALE
19	161639072619	16.5	0.0	16.5	NORMALE
20	21069056594	10.0	0.0	10.0	NORMALE
21	171739072831	11.0	0.0	11.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	10.0	0.0	10.0	NORMALE
24	181839073660	7.0	0.0	7.0	NORMALE
25	171739074823	10.5	0.0	10.5	NORMALE
26	181839069464	12.5	0.0	12.5	NORMALE
27	171739064444	17.0	0.0	17.0	NORMALE
28	161639083633	17.0	0.0	17.0	NORMALE
29	161639070123	10.0	0.0	10.0	NORMALE
30	181839066640	10.5	0.0	10.5	NORMALE
31	181839072367	9.0	0.0	9.0	NORMALE
32	181839050744	8.0	0.0	8.0	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	11.0	0.0	11.0	NORMALE
35	181839066324	11.0	0.0	11.0	NORMALE
36	181839065601	9.0	0.0	9.0	NORMALE
37	181839068244	10.0	0.0	10.0	NORMALE
38	181839063259	9.0	0.0	9.0	NORMALE
39	171739065346	8.0	0.0	8.0	NORMALE
40	161639067341	11.5	0.0	11.5	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	10.0	0.0	10.0	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	8.0	0.0	8.0	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	0.0	0.0	0.0	NORMALE
47	171739069165	10.5	0.0	10.5	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	10.0	0.0	10.0	NORMALE
50	19129054134	10.0	0.0	10.0	NORMALE
51	201539076272	11.5	0.0	11.5	NORMALE
52	201439064816	9.5	0.0	9.5	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	4.0	0.0	4.0	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	0.0	0.0	0.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	12.0	0.0	12.0	NORMALE
8	181839068462	8.0	0.0	8.0	NORMALE
9	171739071456	10.5	0.0	10.5	NORMALE
10	181839062710	10.5	0.0	10.5	NORMALE
11	161639073148	10.0	0.0	10.0	NORMALE
12	18119048382	9.0	0.0	9.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	11.0	0.0	11.0	NORMALE
15	181839066556	8.0	0.0	8.0	NORMALE
16	181839072368	11.0	0.0	11.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	10.5	0.0	10.5	NORMALE
19	171739065462	14.0	0.0	14.0	NORMALE
20	171739081103	12.5	0.0	12.5	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	10.5	0.0	10.5	NORMALE
23	171739070519	10.0	0.0	10.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	12.0	0.0	12.0	NORMALE
26	161739082350	11.5	0.0	11.5	NORMALE
27	171739071180	10.5	0.0	10.5	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	16.0	0.0	16.0	NORMALE
30	181839073623	6.0	0.0	6.0	NORMALE
31	181839069473	10.0	0.0	10.0	NORMALE
32	181839062954	8.0	0.0	8.0	NORMALE
33	181839065214	10.0	0.0	10.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	9.0	0.0	9.0	NORMALE
36	181839071168	6.0	0.0	6.0	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	12.0	0.0	12.0	NORMALE
39	181839066353	7.0	0.0	7.0	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	10.0	0.0	10.0	NORMALE
42	181839072339	10.0	0.0	10.0	NORMALE

43	181839064093	9.0	0.0	9.0	NORMALE
44	171739069177	10.0	0.0	10.0	NORMALE
45	171739072841	10.0	0.0	10.0	NORMALE
46	161639065380	7.0	0.0	7.0	NORMALE
47	211539067649	9.0	0.0	9.0	NORMALE
48	211339031941	10.5	0.0	10.5	NORMALE
49	21109042733	12.5	0.0	12.5	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	12.0	0.0	12.0	NORMALE
2	181839068281	10.0	0.0	10.0	NORMALE
3	181839069477	10.5	0.0	10.5	NORMALE
4	181839072372	4.0	0.0	4.0	NORMALE
5	181839072343	7.0	0.0	7.0	NORMALE
6	181839071899	8.0	0.0	8.0	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	10.0	0.0	10.0	NORMALE
9	181839069046	10.0	0.0	10.0	NORMALE
10	181839071169	10.0	0.0	10.0	NORMALE
11	171739082354	8.0	0.0	8.0	NORMALE
12	171739069202	10.5	0.0	10.5	NORMALE
13	181839066965	10.5	0.0	10.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	8.0	0.0	8.0	NORMALE
16	181839064483	11.0	0.0	11.0	NORMALE
17	181839062996	9.0	0.0	9.0	NORMALE
18	171739064622	10.0	0.0	10.0	NORMALE
19	161639070870	11.0	0.0	11.0	NORMALE
20	181839070297	8.0	0.0	8.0	NORMALE
21	171739067104	11.5	0.0	11.5	NORMALE
22	171739074830	10.0	0.0	10.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	16.5	0.0	16.5	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	9.0	0.0	9.0	NORMALE
28	181839067420	10.5	0.0	10.5	NORMALE
29	171739071468	10.0	0.0	10.0	NORMALE
30	181839068464	10.0	0.0	10.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	9.0	0.0	9.0	NORMALE
33	181839073637	10.0	0.0	10.0	NORMALE
34	171739065695	13.0	0.0	13.0	NORMALE
35	181839063269	9.0	0.0	9.0	NORMALE
36	171739051965	10.0	0.0	10.0	NORMALE
37	171739070668	3.0	0.0	3.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	10.0	0.0	10.0	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	11.0	0.0	11.0	NORMALE
42	161639067400	9.0	0.0	9.0	NORMALE

43	181839065636	9.0	0.0	9.0	NORMALE
44	181839065397	9.0	0.0	9.0	NORMALE
45	171739072843	12.0	0.0	12.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	6.0	0.0	6.0	NORMALE
49	21109042745	10.0	0.0	10.0	NORMALE
50	181539053219	11.0	0.0	11.0	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	10.0	0.0	10.0	NORMALE
3	171739072855	10.0	0.0	10.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	8.0	0.0	8.0	NORMALE
6	171739075170	8.0	0.0	8.0	NORMALE
7	181839069072	5.0	0.0	5.0	NORMALE
8	181839063208	10.5	0.0	10.5	NORMALE
9	171739064733	9.0	0.0	9.0	NORMALE
10	181839066989	11.0	0.0	11.0	NORMALE
11	161639068495	13.0	0.0	13.0	NORMALE
12	181839068812	10.0	0.0	10.0	NORMALE
13	161739082359	10.0	0.0	10.0	NORMALE
14	181839065646	10.0	0.0	10.0	NORMALE
15	161639074250	14.5	0.0	14.5	NORMALE
16	181839073668	10.0	0.0	10.0	NORMALE
17	181839069716	7.0	0.0	7.0	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	11.0	0.0	11.0	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	8.0	0.0	8.0	NORMALE
24	181839064565	10.0	0.0	10.0	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	11.0	0.0	11.0	NORMALE
27	171739071469	18.0	0.0	18.0	NORMALE
28	161639071502	0.0	0.0	0.0	NORMALE
29	181839067480	10.0	0.0	10.0	NORMALE
30	181839072344	0.0	0.0	0.0	NORMALE
31	181839071949	10.0	0.0	10.0	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	8.0	0.0	8.0	NORMALE
34	171739071186	7.0	0.0	7.0	NORMALE
35	171739076048	9.0	0.0	9.0	NORMALE
36	181839063249	8.0	0.0	8.0	NORMALE
37	161639065774	10.0	0.0	10.0	NORMALE
38	181839062744	10.5	0.0	10.5	NORMALE
39	181839063915	7.0	0.0	7.0	NORMALE
40	181839067972	11.0	0.0	11.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	10.5	0.0	10.5	NORMALE

43	171739074354	12.5	0.0	12.5	NORMALE
44	181839070302	9.0	0.0	9.0	NORMALE
45	181839065413	9.0	0.0	9.0	NORMALE
46	171739069277	10.0	0.0	10.0	NORMALE
47	171739066074	10.0	0.0	10.0	NORMALE
48	21129036386	10.5	0.0	10.5	NORMALE
49	201539074100	17.0	0.0	17.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	10.0	0.0	10.0	NORMALE
2	161639078520	10.0	0.0	10.0	NORMALE
3	181839067063	4.0	0.0	4.0	NORMALE
4	181839067976	9.0	0.0	9.0	NORMALE
5	181839071455	9.0	0.0	9.0	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	10.0	0.0	10.0	NORMALE
8	181839069073	11.0	0.0	11.0	NORMALE
9	181839064076	8.0	0.0	8.0	NORMALE
10	181839070604	15.0	0.0	15.0	NORMALE
11	161639065861	9.0	0.0	9.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	8.0	0.0	8.0	NORMALE
14	181839071969	5.0	0.0	5.0	NORMALE
15	21089053900	7.0	0.0	7.0	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	10.0	0.0	10.0	NORMALE
19	171739071710	8.0	0.0	8.0	NORMALE
20	181839069765	9.0	0.0	9.0	NORMALE
21	171739070719	10.5	0.0	10.5	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	8.0	0.0	8.0	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	10.0	0.0	10.0	NORMALE
26	181839072345	7.0	0.0	7.0	NORMALE
27	171739071280	10.5	0.0	10.5	NORMALE
28	171739069281	11.0	0.0	11.0	NORMALE
29	171739075278	6.0	0.0	6.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	7.0	0.0	7.0	NORMALE
32	181839073647	11.5	0.0	11.5	NORMALE
33	161639069025	10.0	0.0	10.0	NORMALE
34	171739082385	13.5	0.0	13.5	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	14.5	0.0	14.5	NORMALE
37	181539066186	11.5	0.0	11.5	NORMALE
38	181839068854	9.0	0.0	9.0	NORMALE
39	171739066078	11.5	0.0	11.5	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	9.0	0.0	9.0	NORMALE
42	171739070140	10.0	0.0	10.0	NORMALE

43	161539075147	9.0	0.0	9.0	NORMALE
44	171739067356	10.0	0.0	10.0	NORMALE
45	171739068643	15.0	0.0	15.0	NORMALE
46	181839067523	8.0	0.0	8.0	NORMALE
47	181839063225	11.0	0.0	11.0	NORMALE
48	211339057308	9.0	0.0	9.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	10.5	0.0	10.5	NORMALE
2	171739069284	9.0	0.0	9.0	NORMALE
3	161639078588	14.5	0.0	14.5	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	0.0	0.0	NORMALE
6	181839062798	10.5	0.0	10.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	12.0	0.0	12.0	NORMALE
9	171739071382	10.0	0.0	10.0	NORMALE
10	171739073336	7.0	0.0	7.0	NORMALE
11	181839071973	10.0	0.0	10.0	NORMALE
12	171739064249	10.5	0.0	10.5	NORMALE
13	181839063231	10.0	0.0	10.0	NORMALE
14	21119045401	10.0	0.0	10.0	NORMALE
15	171739074772	10.0	0.0	10.0	NORMALE
16	181839067569	8.0	0.0	8.0	NORMALE
17	171739070194	13.0	0.0	13.0	NORMALE
18	181839068444	9.0	0.0	9.0	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	8.0	0.0	8.0	NORMALE
22	161639069055	11.0	0.0	11.0	NORMALE
23	181539075199	13.5	0.0	13.5	NORMALE
24	181839065427	6.0	0.0	6.0	NORMALE
25	171739076304	7.0	0.0	7.0	NORMALE
26	181839069074	9.0	0.0	9.0	NORMALE
27	171739071844	10.0	0.0	10.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	7.0	0.0	7.0	NORMALE
31	181839073649	6.0	0.0	6.0	NORMALE
32	171739075355	10.0	0.0	10.0	NORMALE
33	171739067361	9.0	0.0	9.0	NORMALE
34	181839068980	12.0	0.0	12.0	NORMALE
35	161639072471	10.5	0.0	10.5	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	12.0	0.0	12.0	NORMALE
38	181839065661	8.0	0.0	8.0	NORMALE
39	181839067068	9.0	0.0	9.0	NORMALE
40	161639075277	10.0	0.0	10.0	NORMALE
41	171739069038	10.5	0.0	10.5	NORMALE
42	171739066304	11.0	0.0	11.0	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	11.0	0.0	11.0	NORMALE
45	171739070779	10.0	0.0	10.0	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	11.0	0.0	11.0	NORMALE
48	211539079159	11.0	0.0	11.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	10.0	0.0	10.0	NORMALE
51	201439055911	13.5	0.0	13.5	NORMALE

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Matière: Procédés Propres-Chimie verte / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	10.5	0.0	10.5	NORMALE
2	181839068982	10.5	0.0	10.5	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	13.5	0.0	13.5	NORMALE
6	181839067113	13.5	0.0	13.5	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	10.0	0.0	10.0	NORMALE
9	161631029915	8.0	0.0	8.0	NORMALE
10	181839062881	12.5	0.0	12.5	NORMALE
11	171739069116	9.0	0.0	9.0	NORMALE
12	181839066629	7.0	0.0	7.0	NORMALE
13	181839064789	7.0	0.0	7.0	NORMALE
14	171739075375	10.0	0.0	10.0	NORMALE
15	181839072355	8.5	0.0	8.5	NORMALE
16	181839063232	12.0	0.0	12.0	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	12.0	0.0	12.0	NORMALE
21	161639067288	6.0	0.0	6.0	NORMALE
22	171739070795	10.5	0.0	10.5	NORMALE
23	181839064088	10.0	0.0	10.0	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	0.0	0.0	0.0	NORMALE
26	161639069099	8.0	0.0	8.0	NORMALE
27	181839073658	9.0	0.0	9.0	NORMALE
28	181839071974	10.0	0.0	10.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	7.0	0.0	7.0	NORMALE
31	181836048869	11.5	0.0	11.5	NORMALE
32	171739071900	10.0	0.0	10.0	NORMALE
33	181839066301	10.0	0.0	10.0	NORMALE
34	19119046664	6.0	0.0	6.0	NORMALE
35	171739067697	10.0	0.0	10.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	10.5	0.0	10.5	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	10.5	0.0	10.5	NORMALE
40	161639075395	10.0	0.0	10.0	NORMALE
41	171739076306	10.0	0.0	10.0	NORMALE
42	181839070196	5.0	0.0	5.0	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	10.0	0.0	10.0	NORMALE
45	171739069289	9.0	0.0	9.0	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	9.0	0.0	9.0	NORMALE
48	20129045617	13.5	0.0	13.5	NORMALE
49	211539076261	8.0	0.0	8.0	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	8.88	8.88	8.88	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	11.0	10.5	10.8	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	9.0	12.9	10.56	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	4.0	8.1	5.64	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	7.0	8.3	7.52	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	9.0	11.5	10.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	14.3	5.72	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	15.0	13.5	14.4	NORMALE
18	181839067606	0.0	6.7	2.68	NORMALE
19	161639072619	9.58	9.58	9.58	NORMALE
20	21069056594	11.0	11.5	11.2	NORMALE
21	171739072831	9.5	9.9	9.66	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	10.96	10.96	10.96	NORMALE
24	181839073660	5.0	7.5	6.0	NORMALE
25	171739074823	7.5	12.1	9.34	NORMALE
26	181839069464	11.0	11.9	11.36	NORMALE
27	171739064444	7.56	7.56	7.56	NORMALE
28	161639083633	0.0	0.0	0.0	NORMALE
29	161639070123	7.0	9.7	8.08	NORMALE
30	181839066640	13.0	11.5	12.4	NORMALE
31	181839072367	7.0	8.7	7.68	NORMALE
32	181839050744	0.0	10.9	4.36	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	8.0	7.9	7.96	NORMALE
35	181839066324	8.5	12.9	10.26	NORMALE
36	181839065601	11.0	3.9	8.16	NORMALE
37	181839068244	8.0	11.9	9.56	NORMALE
38	181839063259	9.5	11.5	10.3	NORMALE
39	171739065346	10.5	8.1	9.54	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	10.32	10.32	10.32	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	5.5	10.5	7.5	NORMALE
45	181839067117	0.0	0.0	0.0	NORMALE
46	171739066651	0.0	6.9	2.76	NORMALE
47	171739069165	7.0	10.5	8.4	NORMALE
48	181839072302	0.0	5.9	2.36	NORMALE
49	201539067019	2.0	7.5	4.2	NORMALE
50	19129054134	7.5	10.0	8.5	NORMALE
51	201539076272	4.0	0.0	2.4	NORMALE
52	201439064816	10.36	10.36	10.36	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	6.5	7.5	6.9	NORMALE
2	21069058130	0.0	5.7	2.28	NORMALE
3	171739074827	10.9	10.9	10.9	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	1.0	11.7	5.28	NORMALE
8	181839068462	8.5	8.7	8.58	NORMALE
9	171739071456	5.0	0.0	3.0	NORMALE
10	181839062710	4.0	7.1	5.24	NORMALE
11	161639073148	10.32	10.32	10.32	NORMALE
12	18119048382	4.0	9.5	6.2	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	4.0	8.7	5.88	NORMALE
15	181839066556	9.5	11.7	10.38	NORMALE
16	181839072368	11.0	12.5	11.6	NORMALE
17	171739069630	5.0	0.0	3.0	NORMALE
18	181839073662	5.0	5.7	5.28	NORMALE
19	171739065462	10.14	10.14	10.14	NORMALE
20	171739081103	10.32	10.32	10.32	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	10.0	11.7	10.68	NORMALE
23	171739070519	12.66	12.66	12.66	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	5.5	11.7	7.98	NORMALE
26	161739082350	13.0	10.7	12.08	NORMALE
27	171739071180	5.0	11.3	7.52	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	8.5	9.3	8.82	NORMALE
30	181839073623	5.0	10.1	7.04	NORMALE
31	181839069473	4.0	9.7	6.28	NORMALE
32	181839062954	1.0	9.1	4.24	NORMALE
33	181839065214	9.5	9.5	9.5	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	3.0	10.5	6.0	NORMALE
36	181839071168	5.0	8.9	6.56	NORMALE
37	161639076828	0.0	0.0	0.0	NORMALE
38	181839063268	2.0	2.7	2.28	NORMALE
39	181839066353	9.0	8.5	8.8	NORMALE
40	181839067143	0.0	0.0	0.0	NORMALE
41	171739076008	4.0	9.7	6.28	NORMALE
42	181839072339	4.0	11.1	6.84	NORMALE

43	181839064093	6.0	12.3	8.52	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	9.98	9.98	9.98	NORMALE
46	161639065380	11.1	11.1	11.1	NORMALE
47	211539067649	3.0	10.7	6.08	NORMALE
48	211339031941	3.5	10.0	6.1	NORMALE
49	21109042733	4.0	7.3	5.32	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	7.0	8.9	7.76	NORMALE
2	181839068281	3.0	11.7	6.48	NORMALE
3	181839069477	4.0	11.3	6.92	NORMALE
4	181839072372	9.0	8.1	8.64	NORMALE
5	181839072343	10.5	7.1	9.14	NORMALE
6	181839071899	5.0	6.3	5.52	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	4.0	5.9	4.76	NORMALE
9	181839069046	4.5	10.9	7.06	NORMALE
10	181839071169	1.0	7.1	3.44	NORMALE
11	171739082354	15.0	10.1	13.04	NORMALE
12	171739069202	10.0	11.9	10.76	NORMALE
13	181839066965	10.0	6.3	8.52	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	9.5	9.5	9.5	NORMALE
16	181839064483	8.0	11.9	9.56	NORMALE
17	181839062996	1.0	2.7	1.68	NORMALE
18	171739064622	4.0	8.3	5.72	NORMALE
19	161639070870	10.5	11.9	11.06	NORMALE
20	181839070297	6.0	9.7	7.48	NORMALE
21	171739067104	7.0	9.3	7.92	NORMALE
22	171739074830	10.72	10.72	10.72	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	9.96	9.96	9.96	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	2.0	0.0	1.2	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	5.0	10.7	7.28	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	5.5	11.1	7.74	NORMALE
33	181839073637	8.5	8.1	8.34	NORMALE
34	171739065695	7.5	7.9	7.66	NORMALE
35	181839063269	1.0	0.0	0.6	NORMALE
36	171739051965	7.0	7.5	7.2	NORMALE
37	171739070668	8.5	7.7	8.18	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	5.0	11.1	7.44	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	17.0	14.3	15.92	NORMALE
42	161639067400	8.5	9.9	9.06	NORMALE

43	181839065636	14.0	13.5	13.8	NORMALE
44	181839065397	8.0	10.3	8.92	NORMALE
45	171739072843	10.72	10.72	10.72	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	3.0	9.7	5.68	NORMALE
49	21109042745	8.0	9.5	8.6	NORMALE
50	181539053219	7.0	13.3	9.52	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	2.0	0.0	1.2	NORMALE
3	171739072855	8.5	8.3	8.42	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	7.5	8.1	7.74	NORMALE
6	171739075170	7.0	7.5	7.2	NORMALE
7	181839069072	9.0	11.7	10.08	NORMALE
8	181839063208	10.0	11.9	10.76	NORMALE
9	171739064733	0.0	2.1	0.84	NORMALE
10	181839066989	1.0	0.0	0.6	NORMALE
11	161639068495	6.5	11.3	8.42	NORMALE
12	181839068812	9.5	14.1	11.34	NORMALE
13	161739082359	11.18	11.18	11.18	NORMALE
14	181839065646	10.0	7.5	9.0	NORMALE
15	161639074250	7.5	2.1	5.34	NORMALE
16	181839073668	2.0	0.0	1.2	NORMALE
17	181839069716	3.0	3.9	3.36	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	7.0	10.0	8.2	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	5.0	8.9	6.56	NORMALE
24	181839064565	4.0	5.9	4.76	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	6.5	8.7	7.38	NORMALE
27	171739071469	9.3	9.3	9.3	NORMALE
28	161639071502	2.0	0.0	1.2	NORMALE
29	181839067480	17.5	17.5	17.5	NORMALE
30	181839072344	2.0	5.9	3.56	NORMALE
31	181839071949	8.0	7.7	7.88	NORMALE
32	171739068595	0.0	0.0	0.0	NORMALE
33	181839071405	6.0	8.9	7.16	NORMALE
34	171739071186	5.0	11.1	7.44	NORMALE
35	171739076048	5.0	10.1	7.04	NORMALE
36	181839063249	10.0	16.7	12.68	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	6.0	11.9	8.36	NORMALE
39	181839063915	8.0	8.1	8.04	NORMALE
40	181839067972	7.0	9.1	7.84	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	3.0	8.1	5.04	NORMALE

43	171739074354	9.12	9.12	9.12	NORMALE
44	181839070302	4.5	9.1	6.34	NORMALE
45	181839065413	10.0	7.9	9.16	NORMALE
46	171739069277	4.5	2.1	3.54	NORMALE
47	171739066074	8.0	8.5	8.2	NORMALE
48	21129036386	7.0	10.6	8.44	NORMALE
49	201539074100	0.0	6.7	2.68	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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#	Matricule	Examen	CC	MG	Session
1	161639074312	12.0	13.9	12.76	NORMALE
2	161639078520	9.36	9.36	9.36	NORMALE
3	181839067063	9.5	11.9	10.46	NORMALE
4	181839067976	8.5	18.1	12.34	NORMALE
5	181839071455	6.0	6.3	6.12	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	4.0	9.3	6.12	NORMALE
8	181839069073	8.0	15.5	11.0	NORMALE
9	181839064076	6.5	11.1	8.34	NORMALE
10	181839070604	8.0	5.1	6.84	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	5.7	2.28	NORMALE
13	181839065425	7.5	12.0	9.3	NORMALE
14	181839071969	5.0	7.7	6.08	NORMALE
15	21089053900	5.0	11.1	7.44	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	6.5	7.1	6.74	NORMALE
19	171739071710	5.0	11.1	7.44	NORMALE
20	181839069765	1.0	0.0	0.6	NORMALE
21	171739070719	8.0	7.7	7.88	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	2.0	10.5	5.4	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	11.5	7.5	9.9	NORMALE
26	181839072345	3.0	2.7	2.88	NORMALE
27	171739071280	10.4	10.4	10.4	NORMALE
28	171739069281	10.86	10.86	10.86	NORMALE
29	171739075278	9.0	0.0	5.4	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	5.5	14.1	8.94	NORMALE
32	181839073647	7.5	9.9	8.46	NORMALE
33	161639069025	9.5	12.1	10.54	NORMALE
34	171739082385	9.5	7.5	8.7	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	5.0	11.9	7.76	NORMALE
37	181539066186	11.6	11.6	11.6	NORMALE
38	181839068854	8.5	12.1	9.94	NORMALE
39	171739066078	9.0	11.7	10.08	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	10.0	12.6	11.04	NORMALE
42	171739070140	4.0	7.1	5.24	NORMALE

43	161539075147	2.0	3.9	2.76	NORMALE
44	171739067356	2.0	5.0	3.2	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	10.0	6.3	8.52	NORMALE
47	181839063225	8.0	11.9	9.56	NORMALE
48	211339057308	4.0	8.1	5.64	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	6.5	7.5	6.9	NORMALE
2	171739069284	8.0	14.1	10.44	NORMALE
3	161639078588	12.76	12.76	12.76	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	8.7	3.48	NORMALE
6	181839062798	4.0	11.1	6.84	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	15.5	15.3	15.42	NORMALE
9	171739071382	4.0	8.5	5.8	NORMALE
10	171739073336	7.0	7.9	7.36	NORMALE
11	181839071973	6.5	8.5	7.3	NORMALE
12	171739064249	7.5	13.5	9.9	NORMALE
13	181839063231	6.5	12.7	8.98	NORMALE
14	21119045401	8.5	10.7	9.38	NORMALE
15	171739074772	10.0	10.0	10.0	NORMALE
16	181839067569	10.0	9.9	9.96	NORMALE
17	171739070194	13.0	7.7	10.88	NORMALE
18	181839068444	11.5	5.1	8.94	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	2.1	0.84	NORMALE
21	181839067616	1.0	0.0	0.6	NORMALE
22	161639069055	0.0	9.5	3.8	NORMALE
23	181539075199	6.0	10.3	7.72	NORMALE
24	181839065427	5.5	9.7	7.18	NORMALE
25	171739076304	6.0	4.5	5.4	NORMALE
26	181839069074	4.0	11.3	6.92	NORMALE
27	171739071844	13.5	12.3	13.02	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	13.0	13.1	13.04	NORMALE
31	181839073649	5.0	8.7	6.48	NORMALE
32	171739075355	4.0	8.3	5.72	NORMALE
33	171739067361	11.5	11.3	11.42	NORMALE
34	181839068980	15.5	11.9	14.06	NORMALE
35	161639072471	4.0	10.1	6.44	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	13.0	11.7	12.48	NORMALE
38	181839065661	9.0	8.5	8.8	NORMALE
39	181839067068	5.0	11.1	7.44	NORMALE
40	161639075277	3.5	7.9	5.26	NORMALE
41	171739069038	10.0	14.1	11.64	NORMALE
42	171739066304	11.16	11.16	11.16	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	10.0	13.5	11.4	NORMALE
45	171739070779	10.64	10.64	10.64	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	1.0	15.0	6.6	NORMALE
48	211539079159	15.0	10.3	13.12	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	12.0	5.7	9.48	NORMALE
51	201439055911	10.0	10.0	10.0	NORMALE

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Matière: Régulation et Commande des Procédés / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	15.0	12.3	13.92	NORMALE
2	181839068982	8.5	13.3	10.42	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	7.0	8.3	7.52	NORMALE
6	181839067113	2.0	7.7	4.28	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	10.0	11.1	10.44	NORMALE
9	161631029915	8.5	12.1	9.94	NORMALE
10	181839062881	7.5	10.1	8.54	NORMALE
11	171739069116	4.0	0.0	2.4	NORMALE
12	181839066629	4.0	5.9	4.76	NORMALE
13	181839064789	5.0	8.1	6.24	NORMALE
14	171739075375	10.08	10.08	10.08	NORMALE
15	181839072355	5.0	7.7	6.08	NORMALE
16	181839063232	6.0	9.5	7.4	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	0.0	0.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	14.0	10.1	12.44	NORMALE
21	161639067288	10.8	10.8	10.8	NORMALE
22	171739070795	11.42	11.42	11.42	NORMALE
23	181839064088	2.0	8.7	4.68	NORMALE
24	161639072561	0.0	3.3	1.32	NORMALE
25	181839067603	1.0	0.0	0.6	NORMALE
26	161639069099	9.5	8.3	9.02	NORMALE
27	181839073658	7.0	7.5	7.2	NORMALE
28	181839071974	2.0	10.1	5.24	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	3.0	11.9	6.56	NORMALE
31	181836048869	10.0	11.9	10.76	NORMALE
32	171739071900	11.16	11.16	11.16	NORMALE
33	181839066301	5.5	11.1	7.74	NORMALE
34	19119046664	5.0	11.5	7.6	NORMALE
35	171739067697	9.5	8.7	9.18	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	10.3	10.3	10.3	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	9.24	9.24	9.24	NORMALE
40	161639075395	10.68	10.68	10.68	NORMALE
41	171739076306	12.06	12.06	12.06	NORMALE
42	181839070196	6.0	10.3	7.72	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	2.0	0.0	1.2	NORMALE
45	171739069289	9.0	11.1	9.84	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	6.5	11.1	8.34	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071445	0.0	11.25	11.25	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	0.0	11.75	11.75	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	15.5	15.5	NORMALE
6	181839069032	0.0	15.5	15.5	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	0.0	15.0	15.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	0.0	11.75	11.75	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.0	10.75	10.75	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	13.5	13.5	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	0.0	16.0	16.0	NORMALE
18	181839067606	0.0	16.0	16.0	NORMALE
19	161639072619	0.0	11.75	11.75	NORMALE
20	21069056594	0.0	17.5	17.5	NORMALE
21	171739072831	0.0	11.0	11.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	0.0	11.25	11.25	NORMALE
24	181839073660	0.0	15.0	15.0	NORMALE
25	171739074823	0.0	10.88	10.88	NORMALE
26	181839069464	0.0	13.5	13.5	NORMALE
27	171739064444	0.0	11.63	11.63	NORMALE
28	161639083633	0.0	10.25	10.25	NORMALE
29	161639070123	0.0	10.88	10.88	NORMALE
30	181839066640	0.0	13.0	13.0	NORMALE
31	181839072367	0.0	11.0	11.0	NORMALE
32	181839050744	0.0	13.0	13.0	NORMALE
33	171739067711	0.0	11.0	11.0	NORMALE
34	181839071617	0.0	10.0	10.0	NORMALE
35	181839066324	0.0	13.0	13.0	NORMALE
36	181839065601	0.0	13.5	13.5	NORMALE
37	181839068244	0.0	16.0	16.0	NORMALE
38	181839063259	0.0	16.0	16.0	NORMALE
39	171739065346	0.0	16.0	16.0	NORMALE
40	161639067341	0.0	10.13	10.13	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	0.0	11.63	11.63	NORMALE

43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	0.0	13.0	13.0	NORMALE
45	181839067117	0.0	17.5	17.5	NORMALE
46	171739066651	0.0	10.38	10.38	NORMALE
47	171739069165	0.0	13.5	13.5	NORMALE
48	181839072302	0.0	11.0	11.0	NORMALE
49	201539067019	0.0	11.0	11.0	NORMALE
50	19129054134	0.0	11.75	11.75	NORMALE
51	201539076272	0.0	0.0	0.0	NORMALE
52	201439064816	0.0	7.0	7.0	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 2

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067933	0.0	14.5	14.5	NORMALE
2	21069058130	0.0	9.5	9.5	NORMALE
3	171739074827	0.0	11.75	11.75	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	11.5	11.5	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	0.0	14.0	14.0	NORMALE
8	181839068462	0.0	12.0	12.0	NORMALE
9	171739071456	0.0	9.5	9.5	NORMALE
10	181839062710	0.0	12.0	12.0	NORMALE
11	161639073148	0.0	11.13	11.13	NORMALE
12	18119048382	0.0	16.0	16.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	0.0	12.0	12.0	NORMALE
15	181839066556	0.0	15.5	15.5	NORMALE
16	181839072368	0.0	15.5	15.5	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	0.0	10.0	10.0	NORMALE
19	171739065462	0.0	11.88	11.88	NORMALE
20	171739081103	0.0	10.5	10.5	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.0	12.0	12.0	NORMALE
23	171739070519	0.0	7.0	7.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	0.0	15.5	15.5	NORMALE
26	161739082350	0.0	17.0	17.0	NORMALE
27	171739071180	0.0	11.63	11.63	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	0.0	15.0	15.0	NORMALE
30	181839073623	0.0	18.0	18.0	NORMALE
31	181839069473	0.0	12.0	12.0	NORMALE
32	181839062954	0.0	17.5	17.5	NORMALE
33	181839065214	0.0	15.5	15.5	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	0.0	12.0	12.0	NORMALE
36	181839071168	0.0	17.5	17.5	NORMALE
37	161639076828	0.0	14.5	14.5	NORMALE
38	181839063268	0.0	9.5	9.5	NORMALE
39	181839066353	0.0	12.0	12.0	NORMALE
40	181839067143	0.0	9.5	9.5	NORMALE
41	171739076008	0.0	10.5	10.5	NORMALE
42	181839072339	0.0	14.0	14.0	NORMALE

43	181839064093	0.0	15.5	15.5	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	0.0	10.88	10.88	NORMALE
46	161639065380	0.0	10.0	10.0	NORMALE
47	211539067649	0.0	17.5	17.5	NORMALE
48	211339031941	0.0	13.0	13.0	NORMALE
49	21109042733	0.0	17.0	17.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 3

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839066572	0.0	15.5	15.5	NORMALE
2	181839068281	0.0	12.0	12.0	NORMALE
3	181839069477	0.0	12.0	12.0	NORMALE
4	181839072372	0.0	18.0	18.0	NORMALE
5	181839072343	0.0	18.0	18.0	NORMALE
6	181839071899	0.0	13.0	13.0	NORMALE
7	161639073197	0.0	0.0	0.0	NORMALE
8	171739076022	0.0	10.63	10.63	NORMALE
9	181839069046	0.0	17.5	17.5	NORMALE
10	181839071169	0.0	17.0	17.0	NORMALE
11	171739082354	0.0	15.0	15.0	NORMALE
12	171739069202	0.0	10.0	10.0	NORMALE
13	181839066965	0.0	17.5	17.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	0.0	17.0	17.0	NORMALE
16	181839064483	0.0	12.0	12.0	NORMALE
17	181839062996	0.0	15.0	15.0	NORMALE
18	171739064622	0.0	12.0	12.0	NORMALE
19	161639070870	0.0	11.0	11.0	NORMALE
20	181839070297	0.0	12.0	12.0	NORMALE
21	171739067104	0.0	15.0	15.0	NORMALE
22	171739074830	0.0	11.5	11.5	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	0.0	10.88	10.88	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	10.88	10.88	NORMALE
28	181839067420	0.0	0.0	0.0	NORMALE
29	171739071468	0.0	10.0	10.0	NORMALE
30	181839068464	0.0	12.0	12.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	0.0	10.0	10.0	NORMALE
33	181839073637	0.0	15.0	15.0	NORMALE
34	171739065695	0.0	11.5	11.5	NORMALE
35	181839063269	0.0	17.0	17.0	NORMALE
36	171739051965	0.0	9.5	9.5	NORMALE
37	171739070668	0.0	11.25	11.25	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	0.0	10.75	10.75	NORMALE
40	171739074255	0.0	0.0	0.0	NORMALE
41	181839066358	0.0	18.0	18.0	NORMALE
42	161639067400	0.0	10.0	10.0	NORMALE

43	181839065636	0.0	18.0	18.0	NORMALE
44	181839065397	0.0	15.5	15.5	NORMALE
45	171739072843	0.0	11.0	11.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	0.0	18.0	18.0	NORMALE
49	21109042745	0.0	17.0	17.0	NORMALE
50	181539053219	0.0	11.75	11.75	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 4

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072704	0.0	0.0	0.0	NORMALE
2	181839067612	0.0	9.5	9.5	NORMALE
3	171739072855	0.0	10.75	10.75	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	0.0	9.5	9.5	NORMALE
6	171739075170	0.0	11.0	11.0	NORMALE
7	181839069072	0.0	11.0	11.0	NORMALE
8	181839063208	0.0	14.0	14.0	NORMALE
9	171739064733	0.0	11.25	11.25	NORMALE
10	181839066989	0.0	14.0	14.0	NORMALE
11	161639068495	0.0	12.25	12.25	NORMALE
12	181839068812	0.0	13.0	13.0	NORMALE
13	161739082359	0.0	10.75	10.75	NORMALE
14	181839065646	0.0	16.5	16.5	NORMALE
15	161639074250	0.0	0.0	0.0	NORMALE
16	181839073668	0.0	16.0	16.0	NORMALE
17	181839069716	0.0	9.5	9.5	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	0.0	0.0	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	0.0	12.0	12.0	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	0.0	14.0	14.0	NORMALE
24	181839064565	0.0	9.5	9.5	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	0.0	16.0	16.0	NORMALE
27	171739071469	0.0	10.0	10.0	NORMALE
28	161639071502	0.0	9.5	9.5	NORMALE
29	181839067480	0.0	13.0	13.0	NORMALE
30	181839072344	0.0	14.0	14.0	NORMALE
31	181839071949	0.0	13.0	13.0	NORMALE
32	171739068595	0.0	9.5	9.5	NORMALE
33	181839071405	0.0	10.0	10.0	NORMALE
34	171739071186	0.0	13.0	13.0	NORMALE
35	171739076048	0.0	10.0	10.0	NORMALE
36	181839063249	0.0	12.0	12.0	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	0.0	14.0	14.0	NORMALE
39	181839063915	0.0	12.0	12.0	NORMALE
40	181839067972	0.0	13.0	13.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	0.0	12.0	12.0	NORMALE

43	171739074354	0.0	10.5	10.5	NORMALE
44	181839070302	0.0	9.5	9.5	NORMALE
45	181839065413	0.0	13.0	13.0	NORMALE
46	171739069277	0.0	14.0	14.0	NORMALE
47	171739066074	0.0	11.38	11.38	NORMALE
48	21129036386	0.0	16.0	16.0	NORMALE
49	201539074100	0.0	11.88	11.88	NORMALE
50	211339049699	0.0	12.0	12.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 5

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	161639074312	0.0	12.38	12.38	NORMALE
2	161639078520	0.0	10.0	10.0	NORMALE
3	181839067063	0.0	15.5	15.5	NORMALE
4	181839067976	0.0	13.0	13.0	NORMALE
5	181839071455	0.0	16.0	16.0	NORMALE
6	171739064744	0.0	11.25	11.25	NORMALE
7	181839063250	0.0	12.0	12.0	NORMALE
8	181839069073	0.0	17.0	17.0	NORMALE
9	181839064076	0.0	14.0	14.0	NORMALE
10	181839070604	0.0	16.0	16.0	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	0.0	15.5	15.5	NORMALE
14	181839071969	0.0	17.0	17.0	NORMALE
15	21089053900	0.0	15.5	15.5	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	0.0	9.5	9.5	NORMALE
19	171739071710	0.0	10.25	10.25	NORMALE
20	181839069765	0.0	17.0	17.0	NORMALE
21	171739070719	0.0	13.0	13.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.0	13.0	13.0	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.0	9.5	9.5	NORMALE
26	181839072345	0.0	15.0	15.0	NORMALE
27	171739071280	0.0	11.5	11.5	NORMALE
28	171739069281	0.0	11.5	11.5	NORMALE
29	171739075278	0.0	11.5	11.5	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	0.0	11.75	11.75	NORMALE
32	181839073647	0.0	16.0	16.0	NORMALE
33	161639069025	0.0	16.0	16.0	NORMALE
34	171739082385	0.0	10.38	10.38	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	0.0	14.0	14.0	NORMALE
37	181539066186	0.0	10.88	10.88	NORMALE
38	181839068854	0.0	17.0	17.0	NORMALE
39	171739066078	0.0	11.0	11.0	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	0.0	14.0	14.0	NORMALE
42	171739070140	0.0	13.0	13.0	NORMALE

43	161539075147	0.0	9.5	9.5	NORMALE
44	171739067356	0.0	10.5	10.5	NORMALE
45	171739068643	0.0	10.0	10.0	NORMALE
46	181839067523	0.0	13.0	13.0	NORMALE
47	181839063225	0.0	9.5	9.5	NORMALE
48	211339057308	0.0	9.5	9.5	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 6

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	13.0	13.0	NORMALE
2	171739069284	0.0	11.88	11.88	NORMALE
3	161639078588	0.0	10.25	10.25	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	9.5	9.5	NORMALE
6	181839062798	0.0	14.5	14.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	0.0	14.0	14.0	NORMALE
9	171739071382	0.0	10.0	10.0	NORMALE
10	171739073336	0.0	14.5	14.5	NORMALE
11	181839071973	0.0	14.5	14.5	NORMALE
12	171739064249	0.0	14.0	14.0	NORMALE
13	181839063231	0.0	15.5	15.5	NORMALE
14	21119045401	0.0	14.5	14.5	NORMALE
15	171739074772	0.0	12.0	12.0	NORMALE
16	181839067569	0.0	14.0	14.0	NORMALE
17	171739070194	0.0	10.63	10.63	NORMALE
18	181839068444	0.0	9.5	9.5	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	9.5	9.5	NORMALE
21	181839067616	0.0	9.5	9.5	NORMALE
22	161639069055	0.0	16.5	16.5	NORMALE
23	181539075199	0.0	12.0	12.0	NORMALE
24	181839065427	0.0	15.5	15.5	NORMALE
25	171739076304	0.0	10.75	10.75	NORMALE
26	181839069074	0.0	15.0	15.0	NORMALE
27	171739071844	0.0	11.63	11.63	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	0.0	16.0	16.0	NORMALE
31	181839073649	0.0	15.0	15.0	NORMALE
32	171739075355	0.0	15.0	15.0	NORMALE
33	171739067361	0.0	12.0	12.0	NORMALE
34	181839068980	0.0	14.5	14.5	NORMALE
35	161639072471	0.0	11.25	11.25	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	0.0	16.0	16.0	NORMALE
38	181839065661	0.0	16.5	16.5	NORMALE
39	181839067068	0.0	16.0	16.0	NORMALE
40	161639075277	0.0	11.88	11.88	NORMALE
41	171739069038	0.0	14.0	14.0	NORMALE
42	171739066304	0.0	11.0	11.0	NORMALE

43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	0.0	17.5	17.5	NORMALE
45	171739070779	0.0	11.0	11.0	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	0.0	16.0	16.0	NORMALE
48	211539079159	0.0	12.0	12.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	0.0	9.5	9.5	NORMALE
51	201439055911	0.0	11.5	11.5	NORMALE

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Matière: TP Opération Unitaires 2 , Procédés d' Adsorption et Séparation Membranaire / Section A / 7

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	171739071394	0.0	11.25	11.25	NORMALE
2	181839068982	0.0	14.0	14.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	0.0	12.0	12.0	NORMALE
6	181839067113	0.0	9.5	9.5	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	0.0	17.0	17.0	NORMALE
9	161631029915	0.0	9.5	9.5	NORMALE
10	181839062881	0.0	14.0	14.0	NORMALE
11	171739069116	0.0	0.0	0.0	NORMALE
12	181839066629	0.0	9.5	9.5	NORMALE
13	181839064789	0.0	14.0	14.0	NORMALE
14	171739075375	0.0	11.75	11.75	NORMALE
15	181839072355	0.0	11.0	11.0	NORMALE
16	181839063232	0.0	15.5	15.5	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	10.25	10.25	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	0.0	16.0	16.0	NORMALE
21	161639067288	0.0	10.38	10.38	NORMALE
22	171739070795	0.0	11.38	11.38	NORMALE
23	181839064088	0.0	9.5	9.5	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	0.0	9.5	9.5	NORMALE
26	161639069099	0.0	11.5	11.5	NORMALE
27	181839073658	0.0	15.0	15.0	NORMALE
28	181839071974	0.0	14.0	14.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	0.0	11.63	11.63	NORMALE
31	181836048869	0.0	16.0	16.0	NORMALE
32	171739071900	0.0	11.13	11.13	NORMALE
33	181839066301	0.0	14.0	14.0	NORMALE
34	19119046664	0.0	15.0	15.0	NORMALE
35	171739067697	0.0	16.5	16.5	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	11.0	11.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	0.0	11.38	11.38	NORMALE
40	161639075395	0.0	11.88	11.88	NORMALE
41	171739076306	0.0	11.25	11.25	NORMALE
42	181839070196	0.0	14.0	14.0	NORMALE

43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	17.5	17.5	NORMALE
45	171739069289	0.0	10.25	10.25	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	0.0	16.0	16.0	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

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