



2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 1

PV de délibération par matière (Session 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	18.0	0.0	18.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	10.0	0.0	10.0	NORMALE
6	181839069032	14.0	0.0	14.0	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	19.0	0.0	19.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	10.0	0.0	10.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	14.0	0.0	14.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	6.5	0.0	6.5	NORMALE
18	181839067606	17.0	0.0	17.0	NORMALE
19	161639072619	17.0	0.0	17.0	NORMALE
20	21069056594	9.0	0.0	9.0	NORMALE
21	171739072831	14.0	0.0	14.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	12.0	0.0	12.0	NORMALE
24	181839073660	14.0	0.0	14.0	NORMALE
25	171739074823	11.0	0.0	11.0	NORMALE
26	181839069464	18.0	0.0	18.0	NORMALE
27	171739064444	18.0	0.0	18.0	NORMALE
28	161639083633	13.0	0.0	13.0	NORMALE
29	161639070123	10.0	0.0	10.0	NORMALE
30	181839066640	14.0	0.0	14.0	NORMALE
31	181839072367	13.0	0.0	13.0	NORMALE
32	181839050744	0.0	0.0	0.0	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	12.0	0.0	12.0	NORMALE
35	181839066324	17.0	0.0	17.0	NORMALE
36	181839065601	10.0	0.0	10.0	NORMALE
37	181839068244	13.0	0.0	13.0	NORMALE
38	181839063259	12.0	0.0	12.0	NORMALE
39	171739065346	12.0	0.0	12.0	NORMALE
40	161639067341	13.0	0.0	13.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	18.0	0.0	18.0	NORMALE
43	171739064694	13.0	0.0	13.0	NORMALE
44	181839071167	10.0	0.0	10.0	NORMALE
45	181839067117	10.0	0.0	10.0	NORMALE
46	171739066651	18.0	0.0	18.0	NORMALE
47	171739069165	14.0	0.0	14.0	NORMALE
48	181839072302	8.0	0.0	8.0	NORMALE
49	201539067019	17.0	0.0	17.0	NORMALE
50	19129054134	18.0	0.0	18.0	NORMALE
51	201539076272	18.0	0.0	18.0	NORMALE
52	201439064816	11.0	0.0	11.0	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	7.0	0.0	7.0	NORMALE
2	21069058130	17.0	0.0	17.0	NORMALE
3	171739074827	10.0	0.0	10.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	10.0	0.0	10.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	11.0	0.0	11.0	NORMALE
8	181839068462	7.0	0.0	7.0	NORMALE
9	171739071456	15.0	0.0	15.0	NORMALE
10	181839062710	10.5	0.0	10.5	NORMALE
11	161639073148	10.0	0.0	10.0	NORMALE
12	18119048382	0.0	0.0	0.0	NORMALE
13	161639070809	12.5	0.0	12.5	NORMALE
14	181839070292	14.0	0.0	14.0	NORMALE
15	181839066556	13.0	0.0	13.0	NORMALE
16	181839072368	13.0	0.0	13.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	10.0	0.0	10.0	NORMALE
19	171739065462	13.0	0.0	13.0	NORMALE
20	171739081103	11.0	0.0	11.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	17.0	0.0	17.0	NORMALE
23	171739070519	19.0	0.0	19.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	13.0	0.0	13.0	NORMALE
26	161739082350	17.0	0.0	17.0	NORMALE
27	171739071180	10.0	0.0	10.0	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	10.0	0.0	10.0	NORMALE
30	181839073623	7.0	0.0	7.0	NORMALE
31	181839069473	13.0	0.0	13.0	NORMALE
32	181839062954	9.0	0.0	9.0	NORMALE
33	181839065214	12.0	0.0	12.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	10.0	0.0	10.0	NORMALE
36	181839071168	11.5	0.0	11.5	NORMALE
37	161639076828	14.5	0.0	14.5	NORMALE
38	181839063268	13.0	0.0	13.0	NORMALE
39	181839066353	12.0	0.0	12.0	NORMALE
40	181839067143	7.0	0.0	7.0	NORMALE
41	171739076008	14.0	0.0	14.0	NORMALE
42	181839072339	8.0	0.0	8.0	NORMALE
43	181839064093	12.5	0.0	12.5	NORMALE
44	171739069177	15.0	0.0	15.0	NORMALE
45	171739072841	12.0	0.0	12.0	NORMALE
46	161639065380	15.0	0.0	15.0	NORMALE
47	211539067649	9.0	0.0	9.0	NORMALE
48	211339031941	14.0	0.0	14.0	NORMALE
49	21109042733	10.0	0.0	10.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	6.0	0.0	6.0	NORMALE
2	181839068281	8.0	0.0	8.0	NORMALE
3	181839069477	10.0	0.0	10.0	NORMALE
4	181839072372	7.0	0.0	7.0	NORMALE
5	181839072343	15.0	0.0	15.0	NORMALE
6	181839071899	12.0	0.0	12.0	NORMALE
7	161639073197	12.0	0.0	12.0	NORMALE
8	171739076022	10.0	0.0	10.0	NORMALE
9	181839069046	8.0	0.0	8.0	NORMALE
10	181839071169	8.0	0.0	8.0	NORMALE
11	171739082354	12.0	0.0	12.0	NORMALE
12	171739069202	12.0	0.0	12.0	NORMALE
13	181839066965	5.0	0.0	5.0	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	16.0	0.0	16.0	NORMALE
16	181839064483	5.0	0.0	5.0	NORMALE
17	181839062996	8.0	0.0	8.0	NORMALE
18	171739064622	8.0	0.0	8.0	NORMALE
19	161639070870	0.0	0.0	0.0	NORMALE
20	181839070297	8.0	0.0	8.0	NORMALE
21	171739067104	16.0	0.0	16.0	NORMALE
22	171739074830	14.0	0.0	14.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	13.0	0.0	13.0	NORMALE
26	181839063238	6.0	0.0	6.0	NORMALE
27	161639065542	17.0	0.0	17.0	NORMALE
28	181839067420	12.0	0.0	12.0	NORMALE
29	171739071468	12.0	0.0	12.0	NORMALE
30	181839068464	6.0	0.0	6.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	7.0	0.0	7.0	NORMALE
33	181839073637	8.0	0.0	8.0	NORMALE
34	171739065695	14.0	0.0	14.0	NORMALE
35	181839063269	7.0	0.0	7.0	NORMALE
36	171739051965	8.0	0.0	8.0	NORMALE
37	171739070668	19.0	0.0	19.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	12.0	0.0	12.0	NORMALE
40	171739074255	11.0	0.0	11.0	NORMALE
41	181839066358	17.0	0.0	17.0	NORMALE
42	161639067400	19.0	0.0	19.0	NORMALE
43	181839065636	10.5	0.0	10.5	NORMALE
44	181839065397	8.0	0.0	8.0	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	10.0	0.0	10.0	NORMALE
49	21109042745	13.0	0.0	13.0	NORMALE
50	181539053219	16.0	0.0	16.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / 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	14.5	0.0	14.5	NORMALE
3	171739072855	11.0	0.0	11.0	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	14.0	0.0	14.0	NORMALE
8	181839063208	15.0	0.0	15.0	NORMALE
9	171739064733	10.0	0.0	10.0	NORMALE
10	181839066989	11.0	0.0	11.0	NORMALE
11	161639068495	18.0	0.0	18.0	NORMALE
12	181839068812	13.0	0.0	13.0	NORMALE
13	161739082359	14.0	0.0	14.0	NORMALE
14	181839065646	13.0	0.0	13.0	NORMALE
15	161639074250	5.0	0.0	5.0	NORMALE
16	181839073668	13.0	0.0	13.0	NORMALE
17	181839069716	9.0	0.0	9.0	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	0.0	9.0	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	10.0	0.0	10.0	NORMALE
24	181839064565	9.0	0.0	9.0	NORMALE
25	181539064784	13.0	0.0	13.0	NORMALE
26	181839073643	5.0	0.0	5.0	NORMALE
27	171739071469	11.0	0.0	11.0	NORMALE
28	161639071502	5.0	0.0	5.0	NORMALE
29	181839067480	13.5	0.0	13.5	NORMALE
30	181839072344	10.0	0.0	10.0	NORMALE
31	181839071949	8.0	0.0	8.0	NORMALE
32	171739068595	8.0	0.0	8.0	NORMALE
33	181839071405	12.5	0.0	12.5	NORMALE
34	171739071186	14.0	0.0	14.0	NORMALE
35	171739076048	10.0	0.0	10.0	NORMALE
36	181839063249	8.0	0.0	8.0	NORMALE
37	161639065774	19.0	0.0	19.0	NORMALE
38	181839062744	7.0	0.0	7.0	NORMALE
39	181839063915	8.0	0.0	8.0	NORMALE
40	181839067972	12.0	0.0	12.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	6.0	0.0	6.0	NORMALE
43	171739074354	15.0	0.0	15.0	NORMALE
44	181839070302	8.0	0.0	8.0	NORMALE
45	181839065413	7.0	0.0	7.0	NORMALE
46	171739069277	10.0	0.0	10.0	NORMALE
47	171739066074	10.0	0.0	10.0	NORMALE
48	21129036386	7.0	0.0	7.0	NORMALE
49	201539074100	16.0	0.0	16.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	12.0	0.0	12.0	NORMALE
2	161639078520	16.0	0.0	16.0	NORMALE
3	181839067063	8.5	0.0	8.5	NORMALE
4	181839067976	14.0	0.0	14.0	NORMALE
5	181839071455	14.0	0.0	14.0	NORMALE
6	171739064744	12.0	0.0	12.0	NORMALE
7	181839063250	8.0	0.0	8.0	NORMALE
8	181839069073	13.5	0.0	13.5	NORMALE
9	181839064076	8.0	0.0	8.0	NORMALE
10	181839070604	10.0	0.0	10.0	NORMALE
11	161639065861	12.0	0.0	12.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	12.0	0.0	12.0	NORMALE
14	181839071969	9.0	0.0	9.0	NORMALE
15	21089053900	0.0	0.0	0.0	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	17.0	0.0	17.0	NORMALE
18	181839064566	11.0	0.0	11.0	NORMALE
19	171739071710	10.0	0.0	10.0	NORMALE
20	181839069765	11.0	0.0	11.0	NORMALE
21	171739070719	7.0	0.0	7.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	15.0	0.0	15.0	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	12.0	0.0	12.0	NORMALE
26	181839072345	0.0	0.0	0.0	NORMALE
27	171739071280	10.5	0.0	10.5	NORMALE
28	171739069281	16.0	0.0	16.0	NORMALE
29	171739075278	14.0	0.0	14.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	15.0	0.0	15.0	NORMALE
32	181839073647	13.0	0.0	13.0	NORMALE
33	161639069025	12.0	0.0	12.0	NORMALE
34	171739082385	16.0	0.0	16.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	14.0	0.0	14.0	NORMALE
37	181539066186	15.0	0.0	15.0	NORMALE
38	181839068854	9.0	0.0	9.0	NORMALE
39	171739066078	18.0	0.0	18.0	NORMALE
40	171739076231	14.0	0.0	14.0	NORMALE
41	181839066504	12.0	0.0	12.0	NORMALE
42	171739070140	14.0	0.0	14.0	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	18.0	0.0	18.0	NORMALE
45	171739068643	16.0	0.0	16.0	NORMALE
46	181839067523	10.0	0.0	10.0	NORMALE
47	181839063225	14.5	0.0	14.5	NORMALE
48	211339057308	12.0	0.0	12.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	12.0	0.0	12.0	NORMALE
2	171739069284	18.0	0.0	18.0	NORMALE
3	161639078588	19.5	0.0	19.5	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	7.0	0.0	7.0	NORMALE
6	181839062798	10.0	0.0	10.0	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	14.0	0.0	14.0	NORMALE
9	171739071382	14.0	0.0	14.0	NORMALE
10	171739073336	17.0	0.0	17.0	NORMALE
11	181839071973	16.0	0.0	16.0	NORMALE
12	171739064249	14.0	0.0	14.0	NORMALE
13	181839063231	13.5	0.0	13.5	NORMALE
14	21119045401	18.0	0.0	18.0	NORMALE
15	171739074772	10.0	0.0	10.0	NORMALE
16	181839067569	14.5	0.0	14.5	NORMALE
17	171739070194	14.0	0.0	14.0	NORMALE
18	181839068444	10.0	0.0	10.0	NORMALE
19	161639066586	19.5	0.0	19.5	NORMALE
20	181839064085	8.0	0.0	8.0	NORMALE
21	181839067616	12.0	0.0	12.0	NORMALE
22	161639069055	16.5	0.0	16.5	NORMALE
23	181539075199	0.0	0.0	0.0	NORMALE
24	181839065427	11.0	0.0	11.0	NORMALE
25	171739076304	14.0	0.0	14.0	NORMALE
26	181839069074	12.0	0.0	12.0	NORMALE
27	171739071844	15.0	0.0	15.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	13.5	0.0	13.5	NORMALE
31	181839073649	8.0	0.0	8.0	NORMALE
32	171739075355	9.0	0.0	9.0	NORMALE
33	171739067361	0.0	0.0	0.0	NORMALE
34	181839068980	10.0	0.0	10.0	NORMALE
35	161639072471	11.0	0.0	11.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	13.5	0.0	13.5	NORMALE
38	181839065661	12.0	0.0	12.0	NORMALE
39	181839067068	10.0	0.0	10.0	NORMALE
40	161639075277	10.0	0.0	10.0	NORMALE
41	171739069038	16.0	0.0	16.0	NORMALE
42	171739066304	18.0	0.0	18.0	NORMALE
43	181839069860	12.5	0.0	12.5	NORMALE
44	18049055164	15.0	0.0	15.0	NORMALE
45	171739070779	12.5	0.0	12.5	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	17.0	0.0	17.0	NORMALE
48	211539079159	8.0	0.0	8.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	7.0	0.0	7.0	NORMALE
51	201439055911	11.0	0.0	11.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Anglais technique et Terminologie / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	14.0	0.0	14.0	NORMALE
2	181839068982	16.0	0.0	16.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	16.0	0.0	16.0	NORMALE
6	181839067113	10.0	0.0	10.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	9.0	0.0	9.0	NORMALE
9	161631029915	8.0	0.0	8.0	NORMALE
10	181839062881	8.0	0.0	8.0	NORMALE
11	171739069116	18.0	0.0	18.0	NORMALE
12	181839066629	0.0	0.0	0.0	NORMALE
13	181839064789	12.0	0.0	12.0	NORMALE
14	171739075375	11.0	0.0	11.0	NORMALE
15	181839072355	12.0	0.0	12.0	NORMALE
16	181839063232	8.0	0.0	8.0	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	16.0	0.0	16.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	13.5	0.0	13.5	NORMALE
21	161639067288	15.0	0.0	15.0	NORMALE
22	171739070795	11.0	0.0	11.0	NORMALE
23	181839064088	10.0	0.0	10.0	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	5.0	0.0	5.0	NORMALE
26	161639069099	12.0	0.0	12.0	NORMALE
27	181839073658	5.0	0.0	5.0	NORMALE
28	181839071974	8.0	0.0	8.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	18.0	0.0	18.0	NORMALE
31	181836048869	16.0	0.0	16.0	NORMALE
32	171739071900	14.0	0.0	14.0	NORMALE
33	181839066301	12.0	0.0	12.0	NORMALE
34	19119046664	0.0	0.0	0.0	NORMALE
35	171739067697	16.0	0.0	16.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	18.0	0.0	18.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	19.0	0.0	19.0	NORMALE
40	161639075395	13.0	0.0	13.0	NORMALE
41	171739076306	13.0	0.0	13.0	NORMALE
42	181839070196	10.0	0.0	10.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	13.0	0.0	13.0	NORMALE
45	171739069289	14.0	0.0	14.0	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	10.0	0.0	10.0	NORMALE
48	20129045617	19.5	0.0	19.5	NORMALE
49	211539076261	9.0	0.0	9.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	7.0	0.0	7.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	10.0	0.0	10.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	3.5	0.0	3.5	NORMALE
6	181839069032	4.5	0.0	4.5	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	1.0	0.0	1.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	1.0	0.0	1.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	1.0	0.0	1.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	9.0	0.0	9.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	6.0	0.0	6.0	NORMALE
18	181839067606	1.0	0.0	1.0	NORMALE
19	161639072619	9.0	0.0	9.0	NORMALE
20	21069056594	4.0	0.0	4.0	NORMALE
21	171739072831	1.0	0.0	1.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	6.0	0.0	6.0	NORMALE
24	181839073660	1.0	0.0	1.0	NORMALE
25	171739074823	3.0	0.0	3.0	NORMALE
26	181839069464	4.0	0.0	4.0	NORMALE
27	171739064444	0.0	0.0	0.0	NORMALE
28	161639083633	2.0	0.0	2.0	NORMALE
29	161639070123	0.5	0.0	0.5	NORMALE
30	181839066640	1.5	0.0	1.5	NORMALE
31	181839072367	1.0	0.0	1.0	NORMALE
32	181839050744	0.0	0.0	0.0	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	4.5	0.0	4.5	NORMALE
35	181839066324	6.5	0.0	6.5	NORMALE
36	181839065601	3.0	0.0	3.0	NORMALE
37	181839068244	3.0	0.0	3.0	NORMALE
38	181839063259	2.5	0.0	2.5	NORMALE
39	171739065346	2.5	0.0	2.5	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	4.0	0.0	4.0	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	1.0	0.0	1.0	NORMALE
45	181839067117	2.0	0.0	2.0	NORMALE
46	171739066651	6.0	0.0	6.0	NORMALE
47	171739069165	3.0	0.0	3.0	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	1.0	0.0	1.0	NORMALE
50	19129054134	2.0	0.0	2.0	NORMALE
51	201539076272	2.0	0.0	2.0	NORMALE
52	201439064816	6.5	0.0	6.5	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 8 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	2.0	0.0	2.0	NORMALE
2	21069058130	3.0	0.0	3.0	NORMALE
3	171739074827	10.0	0.0	10.0	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	4.0	0.0	4.0	NORMALE
9	171739071456	0.0	0.0	0.0	NORMALE
10	181839062710	3.0	0.0	3.0	NORMALE
11	161639073148	5.0	0.0	5.0	NORMALE
12	18119048382	0.0	0.0	0.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	1.0	0.0	1.0	NORMALE
15	181839066556	1.0	0.0	1.0	NORMALE
16	181839072368	4.0	0.0	4.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	2.0	0.0	2.0	NORMALE
19	171739065462	0.5	0.0	0.5	NORMALE
20	171739081103	1.0	0.0	1.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	2.5	0.0	2.5	NORMALE
23	171739070519	7.0	0.0	7.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	5.0	0.0	5.0	NORMALE
26	161739082350	8.0	0.0	8.0	NORMALE
27	171739071180	1.0	0.0	1.0	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	4.0	0.0	4.0	NORMALE
30	181839073623	1.0	0.0	1.0	NORMALE
31	181839069473	5.5	0.0	5.5	NORMALE
32	181839062954	1.0	0.0	1.0	NORMALE
33	181839065214	2.5	0.0	2.5	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	3.0	0.0	3.0	NORMALE
36	181839071168	2.0	0.0	2.0	NORMALE
37	161639076828	4.5	0.0	4.5	NORMALE
38	181839063268	4.0	0.0	4.0	NORMALE
39	181839066353	5.0	0.0	5.0	NORMALE
40	181839067143	2.5	0.0	2.5	NORMALE
41	171739076008	2.5	0.0	2.5	NORMALE
42	181839072339	2.5	0.0	2.5	NORMALE
43	181839064093	4.5	0.0	4.5	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	5.0	0.0	5.0	NORMALE
46	161639065380	5.5	0.0	5.5	NORMALE
47	211539067649	7.0	0.0	7.0	NORMALE
48	211339031941	1.0	0.0	1.0	NORMALE
49	21109042733	5.0	0.0	5.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 9 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	4.0	0.0	4.0	NORMALE
2	181839068281	3.0	0.0	3.0	NORMALE
3	181839069477	1.0	0.0	1.0	NORMALE
4	181839072372	4.0	0.0	4.0	NORMALE
5	181839072343	2.5	0.0	2.5	NORMALE
6	181839071899	5.0	0.0	5.0	NORMALE
7	161639073197	2.5	0.0	2.5	NORMALE
8	171739076022	8.5	0.0	8.5	NORMALE
9	181839069046	1.5	0.0	1.5	NORMALE
10	181839071169	1.0	0.0	1.0	NORMALE
11	171739082354	0.0	0.0	0.0	NORMALE
12	171739069202	4.0	0.0	4.0	NORMALE
13	181839066965	0.0	0.0	0.0	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	3.0	0.0	3.0	NORMALE
16	181839064483	5.5	0.0	5.5	NORMALE
17	181839062996	1.0	0.0	1.0	NORMALE
18	171739064622	2.0	0.0	2.0	NORMALE
19	161639070870	0.0	0.0	0.0	NORMALE
20	181839070297	0.5	0.0	0.5	NORMALE
21	171739067104	1.0	0.0	1.0	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	3.0	0.0	3.0	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	0.5	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	5.0	0.0	5.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	2.0	0.0	2.0	NORMALE
33	181839073637	1.0	0.0	1.0	NORMALE
34	171739065695	4.0	0.0	4.0	NORMALE
35	181839063269	2.0	0.0	2.0	NORMALE
36	171739051965	2.0	0.0	2.0	NORMALE
37	171739070668	2.0	0.0	2.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	4.0	0.0	4.0	NORMALE
40	171739074255	3.0	0.0	3.0	NORMALE
41	181839066358	15.5	0.0	15.5	NORMALE
42	161639067400	5.0	0.0	5.0	NORMALE
43	181839065636	8.0	0.0	8.0	NORMALE
44	181839065397	1.0	0.0	1.0	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	4.0	0.0	4.0	NORMALE
49	21109042745	1.0	0.0	1.0	NORMALE
50	181539053219	1.0	0.0	1.0	NORMALE

Signature de l'enseignant:

Le:

Page 10 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / 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	1.0	0.0	1.0	NORMALE
3	171739072855	6.0	0.0	6.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	0.5	0.0	0.5	NORMALE
6	171739075170	1.0	0.0	1.0	NORMALE
7	181839069072	1.0	0.0	1.0	NORMALE
8	181839063208	3.0	0.0	3.0	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	1.0	0.0	1.0	NORMALE
11	161639068495	1.0	0.0	1.0	NORMALE
12	181839068812	1.0	0.0	1.0	NORMALE
13	161739082359	1.0	0.0	1.0	NORMALE
14	181839065646	1.0	0.0	1.0	NORMALE
15	161639074250	0.5	0.0	0.5	NORMALE
16	181839073668	1.0	0.0	1.0	NORMALE
17	181839069716	1.0	0.0	1.0	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	1.0	0.0	1.0	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	0.5	0.0	0.5	NORMALE
24	181839064565	8.0	0.0	8.0	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	3.0	0.0	3.0	NORMALE
27	171739071469	6.0	0.0	6.0	NORMALE
28	161639071502	0.0	0.0	0.0	NORMALE
29	181839067480	8.0	0.0	8.0	NORMALE
30	181839072344	0.5	0.0	0.5	NORMALE
31	181839071949	6.5	0.0	6.5	NORMALE
32	171739068595	2.0	0.0	2.0	NORMALE
33	181839071405	0.5	0.0	0.5	NORMALE
34	171739071186	4.0	0.0	4.0	NORMALE
35	171739076048	8.0	0.0	8.0	NORMALE
36	181839063249	8.5	0.0	8.5	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	4.0	0.0	4.0	NORMALE
39	181839063915	1.0	0.0	1.0	NORMALE
40	181839067972	5.0	0.0	5.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	1.0	0.0	1.0	NORMALE
43	171739074354	1.0	0.0	1.0	NORMALE
44	181839070302	2.0	0.0	2.0	NORMALE
45	181839065413	1.5	0.0	1.5	NORMALE
46	171739069277	1.0	0.0	1.0	NORMALE
47	171739066074	7.5	0.0	7.5	NORMALE
48	21129036386	9.0	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

Signature de l'enseignant:

Le:

Page 11 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	9.0	0.0	9.0	NORMALE
2	161639078520	13.0	0.0	13.0	NORMALE
3	181839067063	5.0	0.0	5.0	NORMALE
4	181839067976	5.0	0.0	5.0	NORMALE
5	181839071455	0.5	0.0	0.5	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	1.0	0.0	1.0	NORMALE
8	181839069073	5.0	0.0	5.0	NORMALE
9	181839064076	2.0	0.0	2.0	NORMALE
10	181839070604	1.0	0.0	1.0	NORMALE
11	161639065861	1.0	0.0	1.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	1.0	0.0	1.0	NORMALE
14	181839071969	4.0	0.0	4.0	NORMALE
15	21089053900	0.0	0.0	0.0	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	1.0	0.0	1.0	NORMALE
19	171739071710	8.0	0.0	8.0	NORMALE
20	181839069765	2.0	0.0	2.0	NORMALE
21	171739070719	1.0	0.0	1.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.5	0.0	0.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.0	0.0	0.0	NORMALE
26	181839072345	1.0	0.0	1.0	NORMALE
27	171739071280	6.0	0.0	6.0	NORMALE
28	171739069281	1.0	0.0	1.0	NORMALE
29	171739075278	0.5	0.0	0.5	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	5.0	0.0	5.0	NORMALE
32	181839073647	1.0	0.0	1.0	NORMALE
33	161639069025	5.0	0.0	5.0	NORMALE
34	171739082385	3.5	0.0	3.5	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	7.0	0.0	7.0	NORMALE
37	181539066186	4.0	0.0	4.0	NORMALE
38	181839068854	2.0	0.0	2.0	NORMALE
39	171739066078	0.0	0.0	0.0	NORMALE
40	171739076231	3.0	0.0	3.0	NORMALE
41	181839066504	1.0	0.0	1.0	NORMALE
42	171739070140	1.0	0.0	1.0	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	1.0	0.0	1.0	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	2.0	0.0	2.0	NORMALE
47	181839063225	7.0	0.0	7.0	NORMALE
48	211339057308	1.0	0.0	1.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	0.0	0.0	NORMALE
2	171739069284	3.0	0.0	3.0	NORMALE
3	161639078588	10.0	0.0	10.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	1.0	0.0	1.0	NORMALE
6	181839062798	5.0	0.0	5.0	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	2.0	0.0	2.0	NORMALE
9	171739071382	1.0	0.0	1.0	NORMALE
10	171739073336	1.0	0.0	1.0	NORMALE
11	181839071973	4.5	0.0	4.5	NORMALE
12	171739064249	4.0	0.0	4.0	NORMALE
13	181839063231	3.0	0.0	3.0	NORMALE
14	21119045401	6.0	0.0	6.0	NORMALE
15	171739074772	0.0	0.0	0.0	NORMALE
16	181839067569	0.0	0.0	0.0	NORMALE
17	171739070194	0.0	0.0	0.0	NORMALE
18	181839068444	7.0	0.0	7.0	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	0.0	0.0	NORMALE
21	181839067616	0.0	0.0	0.0	NORMALE
22	161639069055	0.0	0.0	0.0	NORMALE
23	181539075199	1.0	0.0	1.0	NORMALE
24	181839065427	0.5	0.0	0.5	NORMALE
25	171739076304	1.0	0.0	1.0	NORMALE
26	181839069074	1.0	0.0	1.0	NORMALE
27	171739071844	13.0	0.0	13.0	NORMALE
28	181839073312	1.0	0.0	1.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	0.0	0.0	0.0	NORMALE
31	181839073649	3.0	0.0	3.0	NORMALE
32	171739075355	1.0	0.0	1.0	NORMALE
33	171739067361	3.0	0.0	3.0	NORMALE
34	181839068980	6.0	0.0	6.0	NORMALE
35	161639072471	8.0	0.0	8.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	1.0	0.0	1.0	NORMALE
38	181839065661	0.0	0.0	0.0	NORMALE
39	181839067068	0.0	0.0	0.0	NORMALE
40	161639075277	8.0	0.0	8.0	NORMALE
41	171739069038	0.5	0.0	0.5	NORMALE
42	171739066304	1.0	0.0	1.0	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	1.5	0.0	1.5	NORMALE
45	171739070779	0.0	0.0	0.0	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	2.0	0.0	2.0	NORMALE
48	211539079159	4.0	0.0	4.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	3.0	0.0	3.0	NORMALE
51	201439055911	2.0	0.0	2.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Corrosion et Protection des équipements / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	5.0	0.0	5.0	NORMALE
2	181839068982	2.0	0.0	2.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	6.0	0.0	6.0	NORMALE
6	181839067113	2.0	0.0	2.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	3.0	0.0	3.0	NORMALE
9	161631029915	3.0	0.0	3.0	NORMALE
10	181839062881	3.0	0.0	3.0	NORMALE
11	171739069116	1.0	0.0	1.0	NORMALE
12	181839066629	0.0	0.0	0.0	NORMALE
13	181839064789	2.0	0.0	2.0	NORMALE
14	171739075375	5.0	0.0	5.0	NORMALE
15	181839072355	4.0	0.0	4.0	NORMALE
16	181839063232	3.0	0.0	3.0	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	1.0	0.0	1.0	NORMALE
21	161639067288	1.0	0.0	1.0	NORMALE
22	171739070795	1.0	0.0	1.0	NORMALE
23	181839064088	1.0	0.0	1.0	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	1.0	0.0	1.0	NORMALE
26	161639069099	5.0	0.0	5.0	NORMALE
27	181839073658	5.0	0.0	5.0	NORMALE
28	181839071974	5.0	0.0	5.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	1.0	0.0	1.0	NORMALE
31	181836048869	5.0	0.0	5.0	NORMALE
32	171739071900	10.0	0.0	10.0	NORMALE
33	181839066301	1.5	0.0	1.5	NORMALE
34	19119046664	1.0	0.0	1.0	NORMALE
35	171739067697	2.0	0.0	2.0	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	2.5	0.0	2.5	NORMALE
40	161639075395	12.0	0.0	12.0	NORMALE
41	171739076306	1.0	0.0	1.0	NORMALE
42	181839070196	2.0	0.0	2.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.5	0.0	0.5	NORMALE
45	171739069289	1.0	0.0	1.0	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	10.0	0.0	10.0	NORMALE
48	20129045617	10.0	0.0	10.0	NORMALE
49	211539076261	4.0	0.0	4.0	NORMALE

Signature de l'enseignant:

Le:

Page 14 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	4.5	9.5	6.5	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	5.0	5.75	5.3	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	6.5	2.6	NORMALE
6	181839069032	4.0	9.5	6.2	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	2.0	7.25	4.1	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	2.0	8.0	4.4	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.25	6.0	2.55	NORMALE
13	21119047854	0.0	6.0	2.4	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	6.0	6.0	6.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	4.0	15.0	8.4	NORMALE
18	181839067606	0.5	6.5	2.9	NORMALE
19	161639072619	4.0	10.5	6.6	NORMALE
20	21069056594	0.25	0.0	0.15	NORMALE
21	171739072831	4.5	9.5	6.5	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	3.0	10.0	5.8	NORMALE
24	181839073660	1.25	7.25	3.65	NORMALE
25	171739074823	4.0	12.0	7.2	NORMALE
26	181839069464	4.0	12.5	7.4	NORMALE
27	171739064444	1.5	9.5	4.7	NORMALE
28	161639083633	0.0	0.0	0.0	NORMALE
29	161639070123	5.0	11.0	7.4	NORMALE
30	181839066640	3.0	7.25	4.7	NORMALE
31	181839072367	3.0	9.0	5.4	NORMALE
32	181839050744	5.0	7.25	5.9	NORMALE
33	171739067711	0.0	6.5	2.6	NORMALE
34	181839071617	2.0	9.0	4.8	NORMALE
35	181839066324	1.5	7.5	3.9	NORMALE
36	181839065601	4.0	11.0	6.8	NORMALE
37	181839068244	6.0	10.0	7.6	NORMALE
38	181839063259	3.0	8.25	5.1	NORMALE
39	171739065346	2.0	8.0	4.4	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	3.0	0.0	1.8	NORMALE
42	171739070220	14.0	11.0	12.8	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	2.0	12.0	6.0	NORMALE
45	181839067117	0.0	7.25	2.9	NORMALE
46	171739066651	0.0	0.0	0.0	NORMALE
47	171739069165	3.5	11.0	6.5	NORMALE
48	181839072302	0.0	6.0	2.4	NORMALE
49	201539067019	0.25	6.75	2.85	NORMALE
50	19129054134	6.2	6.2	6.2	NORMALE
51	201539076272	2.0	0.0	1.2	NORMALE
52	201439064816	3.5	9.5	5.9	NORMALE
53	21129045350	0.0	6.75	2.7	NORMALE

Signature de l'enseignant:

Le:

Page 15 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	2.0	8.5	4.6	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	3.0	7.75	4.9	NORMALE
8	181839068462	1.5	9.0	4.5	NORMALE
9	171739071456	3.5	0.0	2.1	NORMALE
10	181839062710	1.0	8.25	3.9	NORMALE
11	161639073148	4.0	9.25	6.1	NORMALE
12	18119048382	2.5	8.5	4.9	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	2.0	9.0	4.8	NORMALE
15	181839066556	5.0	8.0	6.2	NORMALE
16	181839072368	7.5	13.5	9.9	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	2.0	8.0	4.4	NORMALE
19	171739065462	4.0	6.0	4.8	NORMALE
20	171739081103	4.0	11.5	7.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	4.5	10.0	6.7	NORMALE
23	171739070519	3.0	8.25	5.1	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	3.5	9.5	5.9	NORMALE
26	161739082350	7.0	10.5	8.4	NORMALE
27	171739071180	6.0	12.0	8.4	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	2.25	6.0	3.75	NORMALE
30	181839073623	4.0	10.5	6.6	NORMALE
31	181839069473	2.25	8.75	4.85	NORMALE
32	181839062954	1.0	8.5	4.0	NORMALE
33	181839065214	5.0	9.5	6.8	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	2.0	7.25	4.1	NORMALE
36	181839071168	0.25	8.0	3.35	NORMALE
37	161639076828	0.25	7.25	3.05	NORMALE
38	181839063268	0.75	8.25	3.75	NORMALE
39	181839066353	2.0	10.0	5.2	NORMALE
40	181839067143	0.0	6.5	2.6	NORMALE
41	171739076008	1.0	5.5	2.8	NORMALE
42	181839072339	3.0	8.25	5.1	NORMALE
43	181839064093	3.0	9.0	5.4	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	4.0	8.5	5.8	NORMALE
46	161639065380	0.25	0.0	0.15	NORMALE
47	211539067649	4.0	10.0	6.4	NORMALE
48	211339031941	0.5	7.0	3.1	NORMALE
49	21109042733	2.0	7.25	4.1	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 16 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	2.0	7.5	4.2	NORMALE
2	181839068281	1.0	7.0	3.4	NORMALE
3	181839069477	4.5	8.5	6.1	NORMALE
4	181839072372	4.0	8.0	5.6	NORMALE
5	181839072343	3.5	10.0	6.1	NORMALE
6	181839071899	3.0	9.0	5.4	NORMALE
7	161639073197	2.5	9.5	5.3	NORMALE
8	171739076022	3.5	7.0	4.9	NORMALE
9	181839069046	5.0	13.5	8.4	NORMALE
10	181839071169	4.0	7.5	5.4	NORMALE
11	171739082354	0.0	9.5	3.8	NORMALE
12	171739069202	5.0	10.0	7.0	NORMALE
13	181839066965	4.5	10.0	6.7	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	1.0	7.5	3.6	NORMALE
16	181839064483	5.0	8.5	6.4	NORMALE
17	181839062996	1.0	6.75	3.3	NORMALE
18	171739064622	3.0	10.0	5.8	NORMALE
19	161639070870	0.0	15.5	6.2	NORMALE
20	181839070297	4.0	8.5	5.8	NORMALE
21	171739067104	3.5	6.0	4.5	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	6.0	9.0	7.2	NORMALE
26	181839063238	0.0	5.5	2.2	NORMALE
27	161639065542	0.0	0.0	0.0	NORMALE
28	181839067420	0.0	6.5	2.6	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	3.0	8.0	5.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	4.0	6.0	4.8	NORMALE
33	181839073637	1.0	8.25	3.9	NORMALE
34	171739065695	3.0	7.25	4.7	NORMALE
35	181839063269	0.25	5.5	2.35	NORMALE
36	171739051965	0.5	7.25	3.2	NORMALE
37	171739070668	2.0	7.25	4.1	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	3.0	8.75	5.3	NORMALE
40	171739074255	0.25	5.5	2.35	NORMALE
41	181839066358	7.5	15.0	10.5	NORMALE
42	161639067400	9.0	10.5	9.6	NORMALE
43	181839065636	5.0	10.5	7.2	NORMALE
44	181839065397	3.0	7.5	4.8	NORMALE
45	171739072843	7.0	9.0	7.8	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	6.5	2.6	NORMALE
48	161539076321	3.5	10.0	6.1	NORMALE
49	21109042745	1.5	9.5	4.7	NORMALE
50	181539053219	5.0	6.5	5.6	NORMALE

Signature de l'enseignant:

Le:

Page 17 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / 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	0.25	7.5	3.15	NORMALE
3	171739072855	3.5	0.0	2.1	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	5.5	8.0	6.5	NORMALE
6	171739075170	2.0	7.5	4.2	NORMALE
7	181839069072	3.0	8.5	5.2	NORMALE
8	181839063208	3.0	8.0	5.0	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	1.0	7.0	3.4	NORMALE
11	161639068495	4.0	0.0	2.4	NORMALE
12	181839068812	5.0	13.0	8.2	NORMALE
13	161739082359	0.25	9.0	3.75	NORMALE
14	181839065646	4.0	14.5	8.2	NORMALE
15	161639074250	0.5	6.25	2.8	NORMALE
16	181839073668	1.0	0.0	0.6	NORMALE
17	181839069716	2.5	8.0	4.7	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	3.5	7.0	4.9	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	0.5	8.0	3.5	NORMALE
24	181839064565	3.0	11.0	6.2	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	3.0	8.5	5.2	NORMALE
27	171739071469	4.0	6.0	4.8	NORMALE
28	161639071502	0.5	0.0	0.3	NORMALE
29	181839067480	4.5	15.0	8.7	NORMALE
30	181839072344	1.5	8.0	4.1	NORMALE
31	181839071949	3.0	9.0	5.4	NORMALE
32	171739068595	0.0	9.5	3.8	NORMALE
33	181839071405	4.0	10.0	6.4	NORMALE
34	171739071186	2.5	8.5	4.9	NORMALE
35	171739076048	14.0	8.5	11.8	NORMALE
36	181839063249	4.0	10.5	6.6	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	3.5	9.5	5.9	NORMALE
39	181839063915	4.5	8.5	6.1	NORMALE
40	181839067972	4.5	10.5	6.9	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	3.5	9.5	5.9	NORMALE
43	171739074354	15.0	8.5	12.4	NORMALE
44	181839070302	2.5	9.5	5.3	NORMALE
45	181839065413	4.0	8.0	5.6	NORMALE
46	171739069277	1.5	6.0	3.3	NORMALE
47	171739066074	5.1	5.1	5.1	NORMALE
48	21129036386	5.0	0.0	3.0	NORMALE
49	201539074100	0.0	0.0	0.0	NORMALE
50	211339049699	0.0	5.0	2.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 18 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	3.5	9.5	5.9	NORMALE
2	161639078520	9.0	7.0	8.2	NORMALE
3	181839067063	0.0	13.5	5.4	NORMALE
4	181839067976	8.5	12.5	10.1	NORMALE
5	181839071455	2.5	6.0	3.9	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	2.0	8.5	4.6	NORMALE
8	181839069073	3.5	11.5	6.7	NORMALE
9	181839064076	2.25	10.0	5.35	NORMALE
10	181839070604	2.5	8.5	4.9	NORMALE
11	161639065861	0.25	0.0	0.15	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	4.0	11.0	6.8	NORMALE
14	181839071969	3.0	10.0	5.8	NORMALE
15	21089053900	2.0	5.75	3.5	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	4.0	12.0	7.2	NORMALE
19	171739071710	4.0	9.5	6.2	NORMALE
20	181839069765	0.25	7.0	2.95	NORMALE
21	171739070719	1.5	7.0	3.7	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.25	10.0	4.15	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	3.0	10.5	6.0	NORMALE
26	181839072345	2.5	7.5	4.5	NORMALE
27	171739071280	5.0	12.5	8.0	NORMALE
28	171739069281	3.5	8.0	5.3	NORMALE
29	171739075278	3.5	6.0	4.5	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	3.5	10.5	6.3	NORMALE
32	181839073647	3.0	7.5	4.8	NORMALE
33	161639069025	3.5	8.5	5.5	NORMALE
34	171739082385	0.5	6.0	2.7	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	2.0	11.0	5.6	NORMALE
37	181539066186	0.0	7.0	2.8	NORMALE
38	181839068854	3.0	10.0	5.8	NORMALE
39	171739066078	2.5	10.5	5.7	NORMALE
40	171739076231	0.5	5.75	2.6	NORMALE
41	181839066504	3.0	8.5	5.2	NORMALE
42	171739070140	4.0	9.0	6.0	NORMALE
43	161539075147	0.0	5.75	2.3	NORMALE
44	171739067356	1.0	9.0	4.2	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	4.0	9.5	6.2	NORMALE
47	181839063225	6.0	10.5	7.8	NORMALE
48	211339057308	9.0	10.5	9.6	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 19 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	3.0	9.0	5.4	NORMALE
2	171739069284	4.5	8.5	6.1	NORMALE
3	161639078588	4.0	8.5	5.8	NORMALE
4	171739064766	0.0	5.5	2.2	NORMALE
5	181839064572	3.0	7.0	4.6	NORMALE
6	181839062798	4.0	10.5	6.6	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	1.0	7.0	3.4	NORMALE
9	171739071382	0.25	7.5	3.15	NORMALE
10	171739073336	0.25	5.75	2.45	NORMALE
11	181839071973	4.5	10.0	6.7	NORMALE
12	171739064249	3.0	6.25	4.3	NORMALE
13	181839063231	4.5	8.0	5.9	NORMALE
14	21119045401	2.5	10.0	5.5	NORMALE
15	171739074772	5.0	12.0	7.8	NORMALE
16	181839067569	9.0	12.5	10.4	NORMALE
17	171739070194	3.5	8.5	5.5	NORMALE
18	181839068444	5.0	12.0	7.8	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	2.0	8.0	4.4	NORMALE
21	181839067616	0.25	6.5	2.75	NORMALE
22	161639069055	3.0	11.5	6.4	NORMALE
23	181539075199	1.75	8.0	4.25	NORMALE
24	181839065427	3.5	8.5	5.5	NORMALE
25	171739076304	4.5	8.5	6.1	NORMALE
26	181839069074	1.5	8.5	4.3	NORMALE
27	171739071844	5.5	12.5	8.3	NORMALE
28	181839073312	2.5	0.0	1.5	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	10.0	14.0	11.6	NORMALE
31	181839073649	6.0	10.0	7.6	NORMALE
32	171739075355	4.0	10.0	6.4	NORMALE
33	171739067361	13.0	12.0	12.6	NORMALE
34	181839068980	4.0	12.5	7.4	NORMALE
35	161639072471	6.0	9.0	7.2	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	11.0	11.5	11.2	NORMALE
38	181839065661	7.0	15.5	10.4	NORMALE
39	181839067068	4.5	6.5	5.3	NORMALE
40	161639075277	1.5	8.0	4.1	NORMALE
41	171739069038	2.0	8.0	4.4	NORMALE
42	171739066304	3.5	8.5	5.5	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	5.0	12.0	7.8	NORMALE
45	171739070779	3.5	7.0	4.9	NORMALE
46	21099039390	0.0	5.5	2.2	NORMALE
47	181534024010	0.0	6.0	2.4	NORMALE
48	211539079159	7.5	10.5	8.7	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	2.5	10.0	5.5	NORMALE
51	201439055911	3.0	9.5	5.6	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Génie de La Réaction 1 : Réacteurs non -idéaux et Bioréacteurs / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	5.0	13.0	8.2	NORMALE
2	181839068982	3.0	11.0	6.2	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	4.0	10.0	6.4	NORMALE
6	181839067113	0.5	0.0	0.3	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	4.5	9.0	6.3	NORMALE
9	161631029915	10.0	12.5	11.0	NORMALE
10	181839062881	5.5	11.5	7.9	NORMALE
11	171739069116	4.5	0.0	2.7	NORMALE
12	181839066629	2.0	6.0	3.6	NORMALE
13	181839064789	3.5	11.0	6.5	NORMALE
14	171739075375	4.0	10.5	6.6	NORMALE
15	181839072355	3.0	9.5	5.6	NORMALE
16	181839063232	4.0	10.0	6.4	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	3.0	14.5	7.6	NORMALE
21	161639067288	4.5	6.0	5.1	NORMALE
22	171739070795	3.5	7.25	5.0	NORMALE
23	181839064088	0.25	7.25	3.05	NORMALE
24	161639072561	0.0	5.5	2.2	NORMALE
25	181839067603	0.25	7.0	2.95	NORMALE
26	161639069099	4.0	8.0	5.6	NORMALE
27	181839073658	1.5	8.0	4.1	NORMALE
28	181839071974	1.5	8.0	4.1	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	4.0	7.0	5.2	NORMALE
31	181836048869	10.5	10.5	10.5	NORMALE
32	171739071900	9.0	9.5	9.2	NORMALE
33	181839066301	3.5	7.0	4.9	NORMALE
34	19119046664	1.0	8.0	3.8	NORMALE
35	171739067697	3.5	12.0	6.9	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	4.0	10.5	6.6	NORMALE
40	161639075395	0.0	0.0	0.0	NORMALE
41	171739076306	2.5	7.0	4.3	NORMALE
42	181839070196	3.0	9.0	5.4	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	3.0	6.5	4.4	NORMALE
45	171739069289	3.0	10.5	6.0	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	5.0	15.5	9.2	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 21 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / 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	12.5	0.0	12.5	NORMALE
6	181839069032	20.0	0.0	20.0	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	15.0	0.0	15.0	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	12.5	0.0	12.5	NORMALE
18	181839067606	13.0	0.0	13.0	NORMALE
19	161639072619	12.0	0.0	12.0	NORMALE
20	21069056594	15.5	0.0	15.5	NORMALE
21	171739072831	9.0	0.0	9.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	18.0	0.0	18.0	NORMALE
24	181839073660	6.0	0.0	6.0	NORMALE
25	171739074823	5.0	0.0	5.0	NORMALE
26	181839069464	9.0	0.0	9.0	NORMALE
27	171739064444	11.0	0.0	11.0	NORMALE
28	161639083633	9.0	0.0	9.0	NORMALE
29	161639070123	11.5	0.0	11.5	NORMALE
30	181839066640	9.0	0.0	9.0	NORMALE
31	181839072367	12.0	0.0	12.0	NORMALE
32	181839050744	14.0	0.0	14.0	NORMALE
33	171739067711	0.0	0.0	0.0	NORMALE
34	181839071617	13.0	0.0	13.0	NORMALE
35	181839066324	16.0	0.0	16.0	NORMALE
36	181839065601	6.5	0.0	6.5	NORMALE
37	181839068244	14.0	0.0	14.0	NORMALE
38	181839063259	14.0	0.0	14.0	NORMALE
39	171739065346	18.0	0.0	18.0	NORMALE
40	161639067341	12.0	0.0	12.0	NORMALE
41	171739075960	13.0	0.0	13.0	NORMALE
42	171739070220	13.0	0.0	13.0	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	0.0	0.0	0.0	NORMALE
45	181839067117	9.5	0.0	9.5	NORMALE
46	171739066651	17.0	0.0	17.0	NORMALE
47	171739069165	14.0	0.0	14.0	NORMALE
48	181839072302	0.0	0.0	0.0	NORMALE
49	201539067019	12.0	0.0	12.0	NORMALE
50	19129054134	14.0	0.0	14.0	NORMALE
51	201539076272	14.0	0.0	14.0	NORMALE
52	201439064816	15.0	0.0	15.0	NORMALE
53	21129045350	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 22 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	13.0	0.0	13.0	NORMALE
2	21069058130	13.0	0.0	13.0	NORMALE
3	171739074827	15.0	0.0	15.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	10.0	0.0	10.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	8.5	0.0	8.5	NORMALE
8	181839068462	12.0	0.0	12.0	NORMALE
9	171739071456	13.0	0.0	13.0	NORMALE
10	181839062710	12.0	0.0	12.0	NORMALE
11	161639073148	12.0	0.0	12.0	NORMALE
12	18119048382	12.0	0.0	12.0	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	10.0	0.0	10.0	NORMALE
15	181839066556	14.0	0.0	14.0	NORMALE
16	181839072368	16.0	0.0	16.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	8.0	0.0	8.0	NORMALE
19	171739065462	11.5	0.0	11.5	NORMALE
20	171739081103	12.0	0.0	12.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	19.0	0.0	19.0	NORMALE
23	171739070519	14.0	0.0	14.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	11.5	0.0	11.5	NORMALE
26	161739082350	17.0	0.0	17.0	NORMALE
27	171739071180	12.0	0.0	12.0	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	16.0	0.0	16.0	NORMALE
30	181839073623	15.5	0.0	15.5	NORMALE
31	181839069473	7.0	0.0	7.0	NORMALE
32	181839062954	16.5	0.0	16.5	NORMALE
33	181839065214	17.0	0.0	17.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	13.0	0.0	13.0	NORMALE
36	181839071168	7.0	0.0	7.0	NORMALE
37	161639076828	10.0	0.0	10.0	NORMALE
38	181839063268	14.0	0.0	14.0	NORMALE
39	181839066353	20.0	0.0	20.0	NORMALE
40	181839067143	8.5	0.0	8.5	NORMALE
41	171739076008	12.0	0.0	12.0	NORMALE
42	181839072339	12.5	0.0	12.5	NORMALE
43	181839064093	13.0	0.0	13.0	NORMALE
44	171739069177	13.0	0.0	13.0	NORMALE
45	171739072841	16.0	0.0	16.0	NORMALE
46	161639065380	16.0	0.0	16.0	NORMALE
47	211539067649	16.0	0.0	16.0	NORMALE
48	211339031941	12.0	0.0	12.0	NORMALE
49	21109042733	19.0	0.0	19.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	3.5	0.0	3.5	NORMALE
2	181839068281	13.0	0.0	13.0	NORMALE
3	181839069477	8.0	0.0	8.0	NORMALE
4	181839072372	16.0	0.0	16.0	NORMALE
5	181839072343	15.0	0.0	15.0	NORMALE
6	181839071899	14.0	0.0	14.0	NORMALE
7	161639073197	10.5	0.0	10.5	NORMALE
8	171739076022	12.0	0.0	12.0	NORMALE
9	181839069046	11.0	0.0	11.0	NORMALE
10	181839071169	8.5	0.0	8.5	NORMALE
11	171739082354	10.0	0.0	10.0	NORMALE
12	171739069202	16.5	0.0	16.5	NORMALE
13	181839066965	1.5	0.0	1.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	18.0	0.0	18.0	NORMALE
16	181839064483	11.0	0.0	11.0	NORMALE
17	181839062996	14.0	0.0	14.0	NORMALE
18	171739064622	10.0	0.0	10.0	NORMALE
19	161639070870	1.0	0.0	1.0	NORMALE
20	181839070297	5.0	0.0	5.0	NORMALE
21	171739067104	16.0	0.0	16.0	NORMALE
22	171739074830	11.5	0.0	11.5	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	11.0	0.0	11.0	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	2.0	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	9.0	0.0	9.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	12.0	0.0	12.0	NORMALE
33	181839073637	6.5	0.0	6.5	NORMALE
34	171739065695	12.0	0.0	12.0	NORMALE
35	181839063269	9.5	0.0	9.5	NORMALE
36	171739051965	7.0	0.0	7.0	NORMALE
37	171739070668	14.0	0.0	14.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	11.0	0.0	11.0	NORMALE
40	171739074255	2.0	0.0	2.0	NORMALE
41	181839066358	20.0	0.0	20.0	NORMALE
42	161639067400	11.0	0.0	11.0	NORMALE
43	181839065636	20.0	0.0	20.0	NORMALE
44	181839065397	12.0	0.0	12.0	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	11.0	0.0	11.0	NORMALE
49	21109042745	8.0	0.0	8.0	NORMALE
50	181539053219	10.0	0.0	10.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / 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	0.0	0.5	NORMALE
3	171739072855	11.0	0.0	11.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	2.0	0.0	2.0	NORMALE
6	171739075170	11.0	0.0	11.0	NORMALE
7	181839069072	13.5	0.0	13.5	NORMALE
8	181839063208	14.5	0.0	14.5	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	0.5	0.0	0.5	NORMALE
11	161639068495	13.0	0.0	13.0	NORMALE
12	181839068812	17.5	0.0	17.5	NORMALE
13	161739082359	10.0	0.0	10.0	NORMALE
14	181839065646	14.5	0.0	14.5	NORMALE
15	161639074250	8.5	0.0	8.5	NORMALE
16	181839073668	0.0	0.0	0.0	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	14.5	0.0	14.5	NORMALE
24	181839064565	7.5	0.0	7.5	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	10.0	0.0	10.0	NORMALE
27	171739071469	12.0	0.0	12.0	NORMALE
28	161639071502	5.0	0.0	5.0	NORMALE
29	181839067480	15.0	0.0	15.0	NORMALE
30	181839072344	2.5	0.0	2.5	NORMALE
31	181839071949	12.0	0.0	12.0	NORMALE
32	171739068595	7.0	0.0	7.0	NORMALE
33	181839071405	10.0	0.0	10.0	NORMALE
34	171739071186	10.5	0.0	10.5	NORMALE
35	171739076048	13.0	0.0	13.0	NORMALE
36	181839063249	7.5	0.0	7.5	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	10.0	0.0	10.0	NORMALE
39	181839063915	4.0	0.0	4.0	NORMALE
40	181839067972	18.0	0.0	18.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	4.5	0.0	4.5	NORMALE
43	171739074354	11.0	0.0	11.0	NORMALE
44	181839070302	0.0	0.0	0.0	NORMALE
45	181839065413	17.0	0.0	17.0	NORMALE
46	171739069277	17.0	0.0	17.0	NORMALE
47	171739066074	15.0	0.0	15.0	NORMALE
48	21129036386	15.5	0.0	15.5	NORMALE
49	201539074100	12.0	0.0	12.0	NORMALE
50	211339049699	0.0	0.0	0.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	14.0	0.0	14.0	NORMALE
2	161639078520	13.0	0.0	13.0	NORMALE
3	181839067063	8.0	0.0	8.0	NORMALE
4	181839067976	14.5	0.0	14.5	NORMALE
5	181839071455	10.5	0.0	10.5	NORMALE
6	171739064744	10.5	0.0	10.5	NORMALE
7	181839063250	5.5	0.0	5.5	NORMALE
8	181839069073	13.0	0.0	13.0	NORMALE
9	181839064076	9.5	0.0	9.5	NORMALE
10	181839070604	8.0	0.0	8.0	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	9.5	0.0	9.5	NORMALE
14	181839071969	11.0	0.0	11.0	NORMALE
15	21089053900	0.0	0.0	0.0	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	10.0	0.0	10.0	NORMALE
18	181839064566	4.5	0.0	4.5	NORMALE
19	171739071710	15.0	0.0	15.0	NORMALE
20	181839069765	0.0	0.0	0.0	NORMALE
21	171739070719	12.0	0.0	12.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	5.5	0.0	5.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	10.5	0.0	10.5	NORMALE
26	181839072345	11.0	0.0	11.0	NORMALE
27	171739071280	10.0	0.0	10.0	NORMALE
28	171739069281	14.0	0.0	14.0	NORMALE
29	171739075278	10.0	0.0	10.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	17.0	0.0	17.0	NORMALE
32	181839073647	10.0	0.0	10.0	NORMALE
33	161639069025	18.0	0.0	18.0	NORMALE
34	171739082385	10.0	0.0	10.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	20.0	0.0	20.0	NORMALE
37	181539066186	10.0	0.0	10.0	NORMALE
38	181839068854	4.0	0.0	4.0	NORMALE
39	171739066078	11.5	0.0	11.5	NORMALE
40	171739076231	9.5	0.0	9.5	NORMALE
41	181839066504	9.5	0.0	9.5	NORMALE
42	171739070140	11.0	0.0	11.0	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	10.0	0.0	10.0	NORMALE
45	171739068643	10.0	0.0	10.0	NORMALE
46	181839067523	5.0	0.0	5.0	NORMALE
47	181839063225	4.0	0.0	4.0	NORMALE
48	211339057308	12.0	0.0	12.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	0.0	0.0	NORMALE
2	171739069284	13.0	0.0	13.0	NORMALE
3	161639078588	12.0	0.0	12.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	7.5	0.0	7.5	NORMALE
6	181839062798	11.5	0.0	11.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	4.0	0.0	4.0	NORMALE
9	171739071382	10.0	0.0	10.0	NORMALE
10	171739073336	15.0	0.0	15.0	NORMALE
11	181839071973	16.0	0.0	16.0	NORMALE
12	171739064249	14.0	0.0	14.0	NORMALE
13	181839063231	16.0	0.0	16.0	NORMALE
14	21119045401	17.0	0.0	17.0	NORMALE
15	171739074772	11.0	0.0	11.0	NORMALE
16	181839067569	5.5	0.0	5.5	NORMALE
17	171739070194	10.0	0.0	10.0	NORMALE
18	181839068444	15.0	0.0	15.0	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	3.0	0.0	3.0	NORMALE
21	181839067616	5.0	0.0	5.0	NORMALE
22	161639069055	15.0	0.0	15.0	NORMALE
23	181539075199	7.0	0.0	7.0	NORMALE
24	181839065427	6.5	0.0	6.5	NORMALE
25	171739076304	11.0	0.0	11.0	NORMALE
26	181839069074	16.0	0.0	16.0	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	19.0	0.0	19.0	NORMALE
31	181839073649	12.0	0.0	12.0	NORMALE
32	171739075355	13.0	0.0	13.0	NORMALE
33	171739067361	18.5	0.0	18.5	NORMALE
34	181839068980	8.0	0.0	8.0	NORMALE
35	161639072471	12.0	0.0	12.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	16.5	0.0	16.5	NORMALE
38	181839065661	15.0	0.0	15.0	NORMALE
39	181839067068	8.0	0.0	8.0	NORMALE
40	161639075277	15.0	0.0	15.0	NORMALE
41	171739069038	11.0	0.0	11.0	NORMALE
42	171739066304	14.0	0.0	14.0	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	10.0	0.0	10.0	NORMALE
45	171739070779	15.0	0.0	15.0	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	20.0	0.0	20.0	NORMALE
48	211539079159	16.0	0.0	16.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	13.0	0.0	13.0	NORMALE
51	201439055911	11.0	0.0	11.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Méthodes Physico-Chimiques D'Analyse / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	16.0	0.0	16.0	NORMALE
2	181839068982	12.5	0.0	12.5	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	15.0	0.0	15.0	NORMALE
6	181839067113	4.0	0.0	4.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	14.0	0.0	14.0	NORMALE
9	161631029915	17.5	0.0	17.5	NORMALE
10	181839062881	17.0	0.0	17.0	NORMALE
11	171739069116	13.0	0.0	13.0	NORMALE
12	181839066629	0.0	0.0	0.0	NORMALE
13	181839064789	7.0	0.0	7.0	NORMALE
14	171739075375	12.0	0.0	12.0	NORMALE
15	181839072355	13.0	0.0	13.0	NORMALE
16	181839063232	18.0	0.0	18.0	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	15.0	0.0	15.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	12.0	0.0	12.0	NORMALE
21	161639067288	12.0	0.0	12.0	NORMALE
22	171739070795	10.0	0.0	10.0	NORMALE
23	181839064088	18.5	0.0	18.5	NORMALE
24	161639072561	0.0	0.0	0.0	NORMALE
25	181839067603	8.0	0.0	8.0	NORMALE
26	161639069099	13.0	0.0	13.0	NORMALE
27	181839073658	2.0	0.0	2.0	NORMALE
28	181839071974	13.0	0.0	13.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	10.0	0.0	10.0	NORMALE
31	181836048869	18.0	0.0	18.0	NORMALE
32	171739071900	16.0	0.0	16.0	NORMALE
33	181839066301	13.0	0.0	13.0	NORMALE
34	19119046664	17.0	0.0	17.0	NORMALE
35	171739067697	5.0	0.0	5.0	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	10.0	0.0	10.0	NORMALE
41	171739076306	12.0	0.0	12.0	NORMALE
42	181839070196	14.0	0.0	14.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	9.0	0.0	9.0	NORMALE
45	171739069289	11.0	0.0	11.0	NORMALE
46	21099043162	0.0	0.0	0.0	NORMALE
47	211439056999	16.0	0.0	16.0	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	12.0	0.0	12.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	12.5	12.0	12.3	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	10.0	6.0	8.4	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	4.5	6.0	5.1	NORMALE
6	181839069032	7.5	12.0	9.3	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	9.0	13.5	10.8	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	10.35	10.35	10.35	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	9.0	12.0	10.2	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	6.5	9.0	7.5	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	11.0	13.5	12.0	NORMALE
18	181839067606	4.5	6.0	5.1	NORMALE
19	161639072619	10.5	11.0	10.7	NORMALE
20	21069056594	8.5	10.0	9.1	NORMALE
21	171739072831	9.0	12.0	10.2	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	10.2	10.2	10.2	NORMALE
24	181839073660	6.0	11.5	8.2	NORMALE
25	171739074823	10.65	10.65	10.65	NORMALE
26	181839069464	11.0	12.0	11.4	NORMALE
27	171739064444	7.5	7.5	7.5	NORMALE
28	161639083633	4.5	0.0	2.7	NORMALE
29	161639070123	10.6	10.6	10.6	NORMALE
30	181839066640	9.5	11.0	10.1	NORMALE
31	181839072367	12.5	7.5	10.5	NORMALE
32	181839050744	9.0	12.0	10.2	NORMALE
33	171739067711	0.0	6.0	2.4	NORMALE
34	181839071617	9.0	6.0	7.8	NORMALE
35	181839066324	12.0	14.5	13.0	NORMALE
36	181839065601	4.5	12.0	7.5	NORMALE
37	181839068244	8.5	6.0	7.5	NORMALE
38	181839063259	9.5	11.5	10.3	NORMALE
39	171739065346	6.5	11.5	8.5	NORMALE
40	161639067341	12.25	12.25	12.25	NORMALE
41	171739075960	0.0	7.5	3.0	NORMALE
42	171739070220	10.0	12.5	11.0	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	7.5	7.5	7.5	NORMALE
45	181839067117	9.5	6.0	8.1	NORMALE
46	171739066651	0.0	12.0	4.8	NORMALE
47	171739069165	6.0	10.5	7.8	NORMALE
48	181839072302	5.0	6.0	5.4	NORMALE
49	201539067019	6.0	6.0	6.0	NORMALE
50	19129054134	10.55	10.55	10.55	NORMALE
51	201539076272	5.0	9.5	6.8	NORMALE
52	201439064816	10.0	10.5	10.2	NORMALE
53	21129045350	0.0	6.0	2.4	NORMALE

Signature de l'enseignant:

Le:

Page 29 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	9.0	10.0	9.4	NORMALE
2	21069058130	5.5	0.0	3.3	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	7.5	8.5	7.9	NORMALE
8	181839068462	10.0	15.0	12.0	NORMALE
9	171739071456	7.0	11.5	8.8	NORMALE
10	181839062710	9.0	12.0	10.2	NORMALE
11	161639073148	10.65	10.65	10.65	NORMALE
12	18119048382	6.5	6.5	6.5	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	7.0	11.0	8.6	NORMALE
15	181839066556	11.0	12.5	11.6	NORMALE
16	181839072368	11.0	12.0	11.4	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	6.5	8.5	7.3	NORMALE
19	171739065462	13.5	8.5	11.5	NORMALE
20	171739081103	7.0	12.5	9.2	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	9.5	14.0	11.3	NORMALE
23	171739070519	11.0	9.5	10.4	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	9.5	15.0	11.7	NORMALE
26	161739082350	14.0	17.0	15.2	NORMALE
27	171739071180	11.0	12.5	11.6	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	7.0	10.5	8.4	NORMALE
30	181839073623	9.0	11.5	10.0	NORMALE
31	181839069473	5.5	11.5	7.9	NORMALE
32	181839062954	4.5	12.0	7.5	NORMALE
33	181839065214	9.0	13.0	10.6	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	8.0	9.5	8.6	NORMALE
36	181839071168	6.5	9.5	7.7	NORMALE
37	161639076828	8.0	11.5	9.4	NORMALE
38	181839063268	8.0	7.5	7.8	NORMALE
39	181839066353	10.0	13.5	11.4	NORMALE
40	181839067143	5.0	9.0	6.6	NORMALE
41	171739076008	5.5	6.0	5.7	NORMALE
42	181839072339	8.5	13.5	10.5	NORMALE
43	181839064093	8.0	10.5	9.0	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	7.0	15.0	10.2	NORMALE
46	161639065380	11.25	11.25	11.25	NORMALE
47	211539067649	6.0	10.0	7.6	NORMALE
48	211339031941	9.0	6.0	7.8	NORMALE
49	21109042733	5.5	7.5	6.3	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 30 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	9.5	11.0	10.1	NORMALE
2	181839068281	14.0	9.5	12.2	NORMALE
3	181839069477	6.5	10.0	7.9	NORMALE
4	181839072372	11.0	12.0	11.4	NORMALE
5	181839072343	11.0	12.0	11.4	NORMALE
6	181839071899	10.0	10.0	10.0	NORMALE
7	161639073197	4.5	8.5	6.1	NORMALE
8	171739076022	10.2	10.2	10.2	NORMALE
9	181839069046	7.0	12.0	9.0	NORMALE
10	181839071169	7.0	6.0	6.6	NORMALE
11	171739082354	0.0	10.0	4.0	NORMALE
12	171739069202	11.0	12.0	11.4	NORMALE
13	181839066965	9.5	11.5	10.3	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	7.5	11.0	8.9	NORMALE
16	181839064483	9.5	13.0	10.9	NORMALE
17	181839062996	7.5	11.5	9.1	NORMALE
18	171739064622	9.5	11.0	10.1	NORMALE
19	161639070870	9.5	12.0	10.5	NORMALE
20	181839070297	7.0	11.5	8.8	NORMALE
21	171739067104	10.5	11.0	10.7	NORMALE
22	171739074830	10.05	10.05	10.05	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	10.2	10.2	10.2	NORMALE
26	181839063238	6.0	6.0	6.0	NORMALE
27	161639065542	4.5	6.0	5.1	NORMALE
28	181839067420	5.0	6.0	5.4	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	6.0	6.0	6.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	10.0	9.0	9.6	NORMALE
33	181839073637	9.5	7.5	8.7	NORMALE
34	171739065695	10.4	10.4	10.4	NORMALE
35	181839063269	5.5	8.5	6.7	NORMALE
36	171739051965	7.0	9.0	7.8	NORMALE
37	171739070668	10.0	10.0	10.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	7.0	8.5	7.6	NORMALE
40	171739074255	4.5	9.0	6.3	NORMALE
41	181839066358	11.5	14.0	12.5	NORMALE
42	161639067400	11.7	11.7	11.7	NORMALE
43	181839065636	12.0	13.0	12.4	NORMALE
44	181839065397	7.5	9.0	8.1	NORMALE
45	171739072843	9.5	7.5	8.7	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	9.0	3.6	NORMALE
48	161539076321	9.5	9.0	9.3	NORMALE
49	21109042745	9.5	11.0	10.1	NORMALE
50	181539053219	9.5	9.5	9.5	NORMALE

Signature de l'enseignant:

Le:

Page 31 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / 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	5.5	8.5	6.7	NORMALE
3	171739072855	13.9	13.9	13.9	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	8.5	11.0	9.5	NORMALE
6	171739075170	5.5	8.0	6.5	NORMALE
7	181839069072	8.0	8.5	8.2	NORMALE
8	181839063208	11.5	14.5	12.7	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	0.0	9.0	3.6	NORMALE
11	161639068495	7.0	10.0	8.2	NORMALE
12	181839068812	11.5	9.5	10.7	NORMALE
13	161739082359	10.5	15.0	12.3	NORMALE
14	181839065646	8.5	12.5	10.1	NORMALE
15	161639074250	7.0	9.5	8.0	NORMALE
16	181839073668	6.0	9.0	7.2	NORMALE
17	181839069716	6.5	9.0	7.5	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	7.0	7.5	7.2	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	7.5	14.0	10.1	NORMALE
24	181839064565	7.5	14.0	10.1	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	9.0	14.5	11.2	NORMALE
27	171739071469	14.5	11.5	13.3	NORMALE
28	161639071502	5.5	7.5	6.3	NORMALE
29	181839067480	9.5	8.0	8.9	NORMALE
30	181839072344	5.0	11.0	7.4	NORMALE
31	181839071949	6.5	11.5	8.5	NORMALE
32	171739068595	4.5	11.0	7.1	NORMALE
33	181839071405	8.5	9.0	8.7	NORMALE
34	171739071186	8.5	9.5	8.9	NORMALE
35	171739076048	11.4	11.4	11.4	NORMALE
36	181839063249	10.0	13.5	11.4	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	8.0	13.5	10.2	NORMALE
39	181839063915	7.0	10.5	8.4	NORMALE
40	181839067972	8.0	10.5	9.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	7.5	14.5	10.3	NORMALE
43	171739074354	11.5	9.5	10.7	NORMALE
44	181839070302	9.5	15.0	11.7	NORMALE
45	181839065413	9.0	11.5	10.0	NORMALE
46	171739069277	8.5	10.0	9.1	NORMALE
47	171739066074	9.0	9.0	9.0	NORMALE
48	21129036386	11.0	9.25	10.3	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

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	9.5	13.5	11.1	NORMALE
2	161639078520	9.0	10.0	9.4	NORMALE
3	181839067063	9.5	13.5	11.1	NORMALE
4	181839067976	11.5	13.5	12.3	NORMALE
5	181839071455	8.0	13.5	10.2	NORMALE
6	171739064744	14.6	14.6	14.6	NORMALE
7	181839063250	8.0	10.5	9.0	NORMALE
8	181839069073	8.5	12.5	10.1	NORMALE
9	181839064076	7.5	14.0	10.1	NORMALE
10	181839070604	11.0	9.0	10.2	NORMALE
11	161639065861	5.0	5.0	5.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	5.5	14.5	9.1	NORMALE
14	181839071969	9.0	12.0	10.2	NORMALE
15	21089053900	9.5	7.5	8.7	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	7.0	8.0	7.4	NORMALE
19	171739071710	9.5	11.0	10.1	NORMALE
20	181839069765	0.0	9.5	3.8	NORMALE
21	171739070719	8.5	9.5	8.9	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	7.5	14.0	10.1	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	7.5	14.5	10.3	NORMALE
26	181839072345	8.5	12.5	10.1	NORMALE
27	171739071280	10.0	14.0	11.6	NORMALE
28	171739069281	10.5	13.0	11.5	NORMALE
29	171739075278	12.6	12.6	12.6	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	7.5	14.0	10.1	NORMALE
32	181839073647	8.0	9.5	8.6	NORMALE
33	161639069025	7.5	16.0	10.9	NORMALE
34	171739082385	10.8	10.8	10.8	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	5.5	13.5	8.7	NORMALE
37	181539066186	5.0	7.75	6.1	NORMALE
38	181839068854	5.0	7.5	6.0	NORMALE
39	171739066078	8.0	9.5	8.6	NORMALE
40	171739076231	4.5	8.5	6.1	NORMALE
41	181839066504	10.5	9.5	10.1	NORMALE
42	171739070140	9.0	13.0	10.6	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	6.5	13.5	9.3	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	9.0	11.5	10.0	NORMALE
47	181839063225	8.5	9.0	8.7	NORMALE
48	211339057308	10.5	12.5	11.3	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	6.0	12.5	8.6	NORMALE
2	171739069284	12.5	10.0	11.5	NORMALE
3	161639078588	11.5	16.0	13.3	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	7.0	16.0	10.6	NORMALE
6	181839062798	9.0	14.0	11.0	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	9.0	9.5	9.2	NORMALE
9	171739071382	6.5	9.5	7.7	NORMALE
10	171739073336	7.5	9.5	8.3	NORMALE
11	181839071973	6.0	13.0	8.8	NORMALE
12	171739064249	12.0	9.5	11.0	NORMALE
13	181839063231	8.5	14.0	10.7	NORMALE
14	21119045401	5.5	9.5	7.1	NORMALE
15	171739074772	10.8	10.8	10.8	NORMALE
16	181839067569	7.5	14.5	10.3	NORMALE
17	171739070194	8.0	10.0	8.8	NORMALE
18	181839068444	10.0	11.0	10.4	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	6.5	6.0	6.3	NORMALE
21	181839067616	1.0	8.75	4.1	NORMALE
22	161639069055	9.0	12.0	10.2	NORMALE
23	181539075199	5.5	12.0	8.1	NORMALE
24	181839065427	12.0	14.0	12.8	NORMALE
25	171739076304	8.0	11.5	9.4	NORMALE
26	181839069074	5.0	9.5	6.8	NORMALE
27	171739071844	9.0	13.5	10.8	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	6.5	10.5	8.1	NORMALE
31	181839073649	11.5	13.5	12.3	NORMALE
32	171739075355	7.5	14.0	10.1	NORMALE
33	171739067361	12.5	14.5	13.3	NORMALE
34	181839068980	10.5	12.0	11.1	NORMALE
35	161639072471	10.8	10.8	10.8	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	10.5	14.5	12.1	NORMALE
38	181839065661	6.5	13.5	9.3	NORMALE
39	181839067068	9.0	14.5	11.2	NORMALE
40	161639075277	10.0	10.5	10.2	NORMALE
41	171739069038	14.0	16.0	14.8	NORMALE
42	171739066304	7.0	9.5	8.0	NORMALE
43	181839069860	4.5	0.0	2.7	NORMALE
44	18049055164	9.0	9.5	9.2	NORMALE
45	171739070779	10.05	10.05	10.05	NORMALE
46	21099039390	0.0	9.0	3.6	NORMALE
47	181534024010	5.0	8.5	6.4	NORMALE
48	211539079159	9.5	14.5	11.5	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	7.0	10.0	8.2	NORMALE
51	201439055911	8.5	13.0	10.3	NORMALE

Signature de l'enseignant:

Le:

Page 34 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Opérations Unitaires 1 (Absorption -Stripping-Extraction-Mélangeage) / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	12.5	13.5	12.9	NORMALE
2	181839068982	6.5	9.0	7.5	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	7.0	13.0	9.4	NORMALE
6	181839067113	5.0	10.0	7.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	11.0	9.5	10.4	NORMALE
9	161631029915	10.0	10.5	10.2	NORMALE
10	181839062881	7.5	14.5	10.3	NORMALE
11	171739069116	7.5	11.0	8.9	NORMALE
12	181839066629	6.0	9.0	7.2	NORMALE
13	181839064789	6.5	11.5	8.5	NORMALE
14	171739075375	6.0	9.5	7.4	NORMALE
15	181839072355	8.0	9.5	8.6	NORMALE
16	181839063232	7.5	16.0	10.9	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	11.0	11.5	11.2	NORMALE
21	161639067288	5.5	9.5	7.1	NORMALE
22	171739070795	11.0	15.0	12.6	NORMALE
23	181839064088	9.0	13.5	10.8	NORMALE
24	161639072561	0.0	9.0	3.6	NORMALE
25	181839067603	1.0	6.0	3.0	NORMALE
26	161639069099	9.0	12.0	10.2	NORMALE
27	181839073658	8.5	10.0	9.1	NORMALE
28	181839071974	5.5	11.5	7.9	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	10.0	8.5	9.4	NORMALE
31	181836048869	11.0	14.5	12.4	NORMALE
32	171739071900	9.5	14.0	11.3	NORMALE
33	181839066301	5.0	9.5	6.8	NORMALE
34	19119046664	10.0	0.0	6.0	NORMALE
35	171739067697	5.0	11.0	7.4	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	11.0	4.4	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	11.75	11.75	11.75	NORMALE
40	161639075395	0.0	0.0	0.0	NORMALE
41	171739076306	9.0	7.0	8.2	NORMALE
42	181839070196	9.0	12.0	10.2	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	13.75	5.5	NORMALE
45	171739069289	9.5	14.5	11.5	NORMALE
46	21099043162	0.0	7.5	3.0	NORMALE
47	211439056999	8.5	14.0	10.7	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	4.5	9.0	6.3	NORMALE

Signature de l'enseignant:

Le:

Page 35 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	12.6	12.6	12.6	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	12.0	12.0	12.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	4.0	0.0	2.4	NORMALE
6	181839069032	5.0	13.5	8.4	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	9.0	14.0	11.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	12.4	12.4	12.4	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.0	12.0	4.8	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	20.0	12.0	16.8	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	14.0	13.5	13.8	NORMALE
18	181839067606	4.0	13.0	7.6	NORMALE
19	161639072619	13.2	13.2	13.2	NORMALE
20	21069056594	15.0	14.5	14.8	NORMALE
21	171739072831	13.6	13.6	13.6	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	13.2	13.2	13.2	NORMALE
24	181839073660	4.0	13.0	7.6	NORMALE
25	171739074823	12.2	12.2	12.2	NORMALE
26	181839069464	17.0	14.5	16.0	NORMALE
27	171739064444	10.2	10.2	10.2	NORMALE
28	161639083633	4.0	0.0	2.4	NORMALE
29	161639070123	12.6	12.6	12.6	NORMALE
30	181839066640	15.0	14.5	14.8	NORMALE
31	181839072367	8.0	13.5	10.2	NORMALE
32	181839050744	8.0	12.0	9.6	NORMALE
33	171739067711	2.0	14.5	7.0	NORMALE
34	181839071617	20.0	15.0	18.0	NORMALE
35	181839066324	14.0	14.0	14.0	NORMALE
36	181839065601	12.0	13.0	12.4	NORMALE
37	181839068244	6.0	13.5	9.0	NORMALE
38	181839063259	12.0	13.5	12.6	NORMALE
39	171739065346	12.0	13.5	12.6	NORMALE
40	161639067341	12.4	12.4	12.4	NORMALE
41	171739075960	4.0	0.0	2.4	NORMALE
42	171739070220	8.2	8.2	8.2	NORMALE
43	171739064694	14.4	14.4	14.4	NORMALE
44	181839071167	12.0	14.5	13.0	NORMALE
45	181839067117	4.0	15.0	8.4	NORMALE
46	171739066651	9.0	9.0	9.0	NORMALE
47	171739069165	9.0	13.0	10.6	NORMALE
48	181839072302	6.0	15.0	9.6	NORMALE
49	201539067019	14.0	14.0	14.0	NORMALE
50	19129054134	10.0	10.0	10.0	NORMALE
51	201539076272	11.6	11.6	11.6	NORMALE
52	201439064816	8.8	8.8	8.8	NORMALE
53	21129045350	2.0	14.0	6.8	NORMALE

Signature de l'enseignant:

Le:

Page 36 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	6.0	13.5	9.0	NORMALE
2	21069058130	8.0	0.0	4.8	NORMALE
3	171739074827	10.0	10.0	10.0	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	8.0	14.0	10.4	NORMALE
8	181839068462	12.0	14.0	12.8	NORMALE
9	171739071456	10.6	10.6	10.6	NORMALE
10	181839062710	8.0	14.5	10.6	NORMALE
11	161639073148	11.2	11.2	11.2	NORMALE
12	18119048382	0.0	14.5	5.8	NORMALE
13	161639070809	10.6	10.6	10.6	NORMALE
14	181839070292	12.0	12.0	12.0	NORMALE
15	181839066556	8.0	14.0	10.4	NORMALE
16	181839072368	15.0	0.0	9.0	NORMALE
17	171739069630	14.0	0.0	8.4	NORMALE
18	181839073662	11.0	15.0	12.6	NORMALE
19	171739065462	10.4	10.4	10.4	NORMALE
20	171739081103	10.0	10.0	10.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	12.0	0.0	7.2	NORMALE
23	171739070519	13.6	13.6	13.6	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	10.0	13.5	11.4	NORMALE
26	161739082350	19.0	14.0	17.0	NORMALE
27	171739071180	9.8	9.8	9.8	NORMALE
28	171739068185	10.8	10.8	10.8	NORMALE
29	171739067103	11.8	11.8	11.8	NORMALE
30	181839073623	8.0	13.0	10.0	NORMALE
31	181839069473	8.0	14.5	10.6	NORMALE
32	181839062954	10.0	13.0	11.2	NORMALE
33	181839065214	6.0	15.0	9.6	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	6.0	13.0	8.8	NORMALE
36	181839071168	4.0	14.5	8.2	NORMALE
37	161639076828	8.0	13.0	10.0	NORMALE
38	181839063268	8.0	13.5	10.2	NORMALE
39	181839066353	12.0	13.5	12.6	NORMALE
40	181839067143	0.0	15.5	6.2	NORMALE
41	171739076008	14.2	14.2	14.2	NORMALE
42	181839072339	8.0	14.0	10.4	NORMALE
43	181839064093	8.0	15.0	10.8	NORMALE
44	171739069177	10.8	10.8	10.8	NORMALE
45	171739072841	12.6	12.6	12.6	NORMALE
46	161639065380	7.6	7.6	7.6	NORMALE
47	211539067649	18.0	15.0	16.8	NORMALE
48	211339031941	2.0	14.0	6.8	NORMALE
49	21109042733	8.0	13.0	10.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 37 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	10.0	14.0	11.6	NORMALE
2	181839068281	8.0	13.0	10.0	NORMALE
3	181839069477	6.0	14.0	9.2	NORMALE
4	181839072372	8.0	13.5	10.2	NORMALE
5	181839072343	9.0	13.5	10.8	NORMALE
6	181839071899	12.0	14.5	13.0	NORMALE
7	161639073197	6.0	13.0	8.8	NORMALE
8	171739076022	11.0	11.0	11.0	NORMALE
9	181839069046	14.0	14.0	14.0	NORMALE
10	181839071169	8.0	14.5	10.6	NORMALE
11	171739082354	13.0	0.0	7.8	NORMALE
12	171739069202	8.0	15.0	10.8	NORMALE
13	181839066965	8.0	13.0	10.0	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	14.0	14.5	14.2	NORMALE
16	181839064483	12.0	13.5	12.6	NORMALE
17	181839062996	6.0	13.0	8.8	NORMALE
18	171739064622	8.0	14.5	10.6	NORMALE
19	161639070870	4.0	14.0	8.0	NORMALE
20	181839070297	12.0	13.5	12.6	NORMALE
21	171739067104	11.8	11.8	11.8	NORMALE
22	171739074830	11.2	11.2	11.2	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	8.0	0.0	4.8	NORMALE
27	161639065542	10.2	10.2	10.2	NORMALE
28	181839067420	2.0	13.5	6.6	NORMALE
29	171739071468	9.2	9.2	9.2	NORMALE
30	181839068464	6.0	14.0	9.2	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	9.0	13.0	10.6	NORMALE
33	181839073637	8.0	13.0	10.0	NORMALE
34	171739065695	12.6	12.6	12.6	NORMALE
35	181839063269	8.0	13.0	10.0	NORMALE
36	171739051965	4.0	13.0	7.6	NORMALE
37	171739070668	10.8	10.8	10.8	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	10.4	10.4	10.4	NORMALE
40	171739074255	6.0	13.0	8.8	NORMALE
41	181839066358	18.0	16.0	17.2	NORMALE
42	161639067400	11.2	11.2	11.2	NORMALE
43	181839065636	12.0	13.0	12.4	NORMALE
44	181839065397	6.0	15.0	9.6	NORMALE
45	171739072843	14.0	14.0	14.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	8.0	13.5	10.2	NORMALE
49	21109042745	0.0	14.0	5.6	NORMALE
50	181539053219	13.4	13.4	13.4	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie 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	4.0	13.5	7.8	NORMALE
3	171739072855	13.8	13.8	13.8	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	6.0	13.5	9.0	NORMALE
6	171739075170	4.0	15.0	8.4	NORMALE
7	181839069072	10.0	15.0	12.0	NORMALE
8	181839063208	12.0	13.5	12.6	NORMALE
9	171739064733	14.4	14.4	14.4	NORMALE
10	181839066989	4.0	14.0	8.0	NORMALE
11	161639068495	12.0	12.0	12.0	NORMALE
12	181839068812	8.0	15.0	10.8	NORMALE
13	161739082359	11.6	11.6	11.6	NORMALE
14	181839065646	2.0	14.0	6.8	NORMALE
15	161639074250	6.0	13.5	9.0	NORMALE
16	181839073668	2.0	13.0	6.4	NORMALE
17	181839069716	6.0	13.0	8.8	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	6.0	14.0	9.2	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	12.0	15.0	13.2	NORMALE
24	181839064565	4.0	15.0	8.4	NORMALE
25	181539064784	9.8	9.8	9.8	NORMALE
26	181839073643	8.0	16.0	11.2	NORMALE
27	171739071469	15.4	15.4	15.4	NORMALE
28	161639071502	13.0	0.0	7.8	NORMALE
29	181839067480	12.0	14.0	12.8	NORMALE
30	181839072344	6.0	15.0	9.6	NORMALE
31	181839071949	11.0	15.0	12.6	NORMALE
32	171739068595	2.0	0.0	1.2	NORMALE
33	181839071405	8.0	15.0	10.8	NORMALE
34	171739071186	8.0	14.0	10.4	NORMALE
35	171739076048	14.4	14.4	14.4	NORMALE
36	181839063249	14.0	15.5	14.6	NORMALE
37	161639065774	11.8	11.8	11.8	NORMALE
38	181839062744	16.0	14.5	15.4	NORMALE
39	181839063915	10.0	14.0	11.6	NORMALE
40	181839067972	8.0	13.5	10.2	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	6.0	14.5	9.4	NORMALE
43	171739074354	10.6	10.6	10.6	NORMALE
44	181839070302	8.0	15.0	10.8	NORMALE
45	181839065413	2.0	15.5	7.4	NORMALE
46	171739069277	9.2	9.2	9.2	NORMALE
47	171739066074	11.4	11.4	11.4	NORMALE
48	21129036386	8.0	14.0	10.4	NORMALE
49	201539074100	10.8	10.8	10.8	NORMALE
50	211339049699	14.0	0.0	8.4	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 39 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	8.8	8.8	8.8	NORMALE
2	161639078520	13.6	13.6	13.6	NORMALE
3	181839067063	10.0	14.0	11.6	NORMALE
4	181839067976	12.0	14.0	12.8	NORMALE
5	181839071455	14.0	15.5	14.6	NORMALE
6	171739064744	10.8	10.8	10.8	NORMALE
7	181839063250	6.0	14.5	9.4	NORMALE
8	181839069073	11.0	15.0	12.6	NORMALE
9	181839064076	12.0	14.5	13.0	NORMALE
10	181839070604	14.0	13.5	13.8	NORMALE
11	161639065861	1.0	0.0	0.6	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	4.0	13.0	7.6	NORMALE
14	181839071969	10.0	15.0	12.0	NORMALE
15	21089053900	6.0	13.0	8.8	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	11.2	11.2	11.2	NORMALE
18	181839064566	8.0	15.0	10.8	NORMALE
19	171739071710	12.4	12.4	12.4	NORMALE
20	181839069765	2.0	0.0	1.2	NORMALE
21	171739070719	4.0	12.0	7.2	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	6.0	15.5	9.8	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	6.0	15.0	9.6	NORMALE
26	181839072345	6.0	14.0	9.2	NORMALE
27	171739071280	11.2	11.2	11.2	NORMALE
28	171739069281	10.4	10.4	10.4	NORMALE
29	171739075278	9.2	9.2	9.2	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	11.6	11.6	11.6	NORMALE
32	181839073647	7.0	13.5	9.6	NORMALE
33	161639069025	12.0	14.5	13.0	NORMALE
34	171739082385	11.2	11.2	11.2	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	15.0	13.5	14.4	NORMALE
37	181539066186	11.0	11.0	11.0	NORMALE
38	181839068854	9.0	13.0	10.6	NORMALE
39	171739066078	13.2	13.2	13.2	NORMALE
40	171739076231	2.0	0.0	1.2	NORMALE
41	181839066504	8.0	14.5	10.6	NORMALE
42	171739070140	7.6	13.0	9.76	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	12.8	12.8	12.8	NORMALE
45	171739068643	10.8	10.8	10.8	NORMALE
46	181839067523	6.0	14.0	9.2	NORMALE
47	181839063225	12.0	14.0	12.8	NORMALE
48	211339057308	10.0	15.0	12.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 40 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	4.0	13.0	7.6	NORMALE
2	171739069284	10.2	10.2	10.2	NORMALE
3	161639078588	13.4	13.4	13.4	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	5.0	15.0	9.0	NORMALE
6	181839062798	4.0	15.0	8.4	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	10.0	14.0	11.6	NORMALE
9	171739071382	14.0	0.0	8.4	NORMALE
10	171739073336	9.0	15.0	11.4	NORMALE
11	181839071973	6.0	14.5	9.4	NORMALE
12	171739064249	12.0	13.5	12.6	NORMALE
13	181839063231	14.0	14.5	14.2	NORMALE
14	21119045401	10.0	15.0	12.0	NORMALE
15	171739074772	8.2	8.2	8.2	NORMALE
16	181839067569	12.0	16.5	13.8	NORMALE
17	171739070194	15.6	15.6	15.6	NORMALE
18	181839068444	16.0	13.0	14.8	NORMALE
19	161639066586	10.0	10.0	10.0	NORMALE
20	181839064085	11.0	0.0	6.6	NORMALE
21	181839067616	2.0	14.0	6.8	NORMALE
22	161639069055	10.0	15.0	12.0	NORMALE
23	181539075199	10.0	15.0	12.0	NORMALE
24	181839065427	14.0	13.0	13.6	NORMALE
25	171739076304	10.6	10.6	10.6	NORMALE
26	181839069074	10.0	13.5	11.4	NORMALE
27	171739071844	10.0	10.0	10.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	19.0	14.5	17.2	NORMALE
31	181839073649	4.0	13.5	7.8	NORMALE
32	171739075355	10.0	14.0	11.6	NORMALE
33	171739067361	12.8	12.8	12.8	NORMALE
34	181839068980	19.0	14.0	17.0	NORMALE
35	161639072471	12.4	12.4	12.4	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	15.0	15.5	15.2	NORMALE
38	181839065661	10.0	13.5	11.4	NORMALE
39	181839067068	9.0	16.0	11.8	NORMALE
40	161639075277	11.6	11.6	11.6	NORMALE
41	171739069038	8.0	13.0	10.0	NORMALE
42	171739066304	11.6	11.6	11.6	NORMALE
43	181839069860	4.0	0.0	2.4	NORMALE
44	18049055164	12.0	15.0	13.2	NORMALE
45	171739070779	13.8	13.8	13.8	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	17.0	17.0	17.0	NORMALE
48	211539079159	4.0	15.5	8.6	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	6.0	11.0	8.0	NORMALE
51	201439055911	7.8	7.8	7.8	NORMALE

Signature de l'enseignant:

Le:

Page 41 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Simulateurs en Génie des Procédés / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	13.6	13.6	13.6	NORMALE
2	181839068982	4.0	14.5	8.2	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	14.4	14.4	14.4	NORMALE
6	181839067113	1.0	13.0	5.8	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	12.0	13.0	12.4	NORMALE
9	161631029915	12.0	15.0	13.2	NORMALE
10	181839062881	14.0	13.5	13.8	NORMALE
11	171739069116	11.6	11.6	11.6	NORMALE
12	181839066629	6.0	12.0	8.4	NORMALE
13	181839064789	10.0	14.5	11.8	NORMALE
14	171739075375	14.0	14.0	14.0	NORMALE
15	181839072355	8.0	13.0	10.0	NORMALE
16	181839063232	14.0	14.5	14.2	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	9.6	9.6	9.6	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	10.0	14.5	11.8	NORMALE
21	161639067288	10.0	10.0	10.0	NORMALE
22	171739070795	12.4	12.4	12.4	NORMALE
23	181839064088	18.0	13.5	16.2	NORMALE
24	161639072561	6.0	15.5	9.8	NORMALE
25	181839067603	2.0	14.0	6.8	NORMALE
26	161639069099	10.6	10.6	10.6	NORMALE
27	181839073658	6.0	12.0	8.4	NORMALE
28	181839071974	7.0	15.0	10.2	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	11.6	11.6	11.6	NORMALE
31	181836048869	14.0	15.5	14.6	NORMALE
32	171739071900	14.0	14.0	14.0	NORMALE
33	181839066301	8.0	14.0	10.4	NORMALE
34	19119046664	0.0	13.0	5.2	NORMALE
35	171739067697	10.0	14.0	11.6	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	18.0	18.0	18.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	10.8	10.8	10.8	NORMALE
40	161639075395	13.0	13.0	13.0	NORMALE
41	171739076306	11.8	11.8	11.8	NORMALE
42	181839070196	14.0	15.0	14.4	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	0.0	0.0	NORMALE
45	171739069289	10.2	10.2	10.2	NORMALE
46	21099043162	0.0	13.5	5.4	NORMALE
47	211439056999	4.0	15.5	8.6	NORMALE
48	20129045617	12.8	12.8	12.8	NORMALE
49	211539076261	2.0	0.0	1.2	NORMALE

Signature de l'enseignant:

Le:

Page 42 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	8.0	15.2	10.88	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	6.0	12.1	8.44	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	1.0	0.0	0.6	NORMALE
6	181839069032	8.0	11.2	9.28	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	3.0	10.6	6.04	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	6.0	11.5	8.2	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	6.0	11.5	8.2	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	1.0	0.0	0.6	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	8.0	14.9	10.76	NORMALE
18	181839067606	2.0	10.0	5.2	NORMALE
19	161639072619	7.0	14.9	10.16	NORMALE
20	21069056594	3.0	11.8	6.52	NORMALE
21	171739072831	9.0	12.7	10.48	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	12.0	14.0	12.8	NORMALE
24	181839073660	4.0	10.6	6.64	NORMALE
25	171739074823	6.0	12.1	8.44	NORMALE
26	181839069464	13.0	13.0	13.0	NORMALE
27	171739064444	0.0	9.0	3.6	NORMALE
28	161639083633	13.9	13.9	13.9	NORMALE
29	161639070123	10.1	10.1	10.1	NORMALE
30	181839066640	5.0	11.2	7.48	NORMALE
31	181839072367	3.0	12.7	6.88	NORMALE
32	181839050744	15.0	15.1	15.04	NORMALE
33	171739067711	5.0	9.4	6.76	NORMALE
34	181839071617	10.0	11.2	10.48	NORMALE
35	181839066324	4.0	10.0	6.4	NORMALE
36	181839065601	7.0	10.9	8.56	NORMALE
37	181839068244	7.0	11.2	8.68	NORMALE
38	181839063259	4.0	11.2	6.88	NORMALE
39	171739065346	10.0	11.8	10.72	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	2.0	8.2	4.48	NORMALE
42	171739070220	10.0	13.6	11.44	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	10.0	8.2	9.28	NORMALE
45	181839067117	6.0	12.7	8.68	NORMALE
46	171739066651	10.6	10.6	10.6	NORMALE
47	171739069165	2.0	11.8	5.92	NORMALE
48	181839072302	1.0	9.4	4.36	NORMALE
49	201539067019	3.0	12.4	6.76	NORMALE
50	19129054134	14.3	14.3	14.3	NORMALE
51	201539076272	2.0	15.5	7.4	NORMALE
52	201439064816	12.0	11.5	11.8	NORMALE
53	21129045350	14.0	14.05	14.02	NORMALE

Signature de l'enseignant:

Le:

Page 43 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	5.0	11.5	7.6	NORMALE
2	21069058130	1.0	0.0	0.6	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	2.0	8.2	4.48	NORMALE
8	181839068462	5.0	11.8	7.72	NORMALE
9	171739071456	9.0	12.4	10.36	NORMALE
10	181839062710	5.0	11.2	7.48	NORMALE
11	161639073148	12.0	12.7	12.28	NORMALE
12	18119048382	1.0	12.1	5.44	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	8.0	11.2	9.28	NORMALE
15	181839066556	9.0	12.1	10.24	NORMALE
16	181839072368	10.0	11.8	10.72	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	6.0	12.4	8.56	NORMALE
19	171739065462	4.0	14.6	8.24	NORMALE
20	171739081103	10.0	15.8	12.32	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	12.0	10.6	11.44	NORMALE
23	171739070519	9.0	11.2	9.88	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	8.0	11.8	9.52	NORMALE
26	161739082350	10.0	14.05	11.62	NORMALE
27	171739071180	8.0	8.2	8.08	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	8.0	12.7	9.88	NORMALE
30	181839073623	9.0	10.0	9.4	NORMALE
31	181839069473	4.0	14.6	8.24	NORMALE
32	181839062954	2.0	8.8	4.72	NORMALE
33	181839065214	8.0	11.8	9.52	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	5.0	11.2	7.48	NORMALE
36	181839071168	2.0	8.2	4.48	NORMALE
37	161639076828	4.0	8.2	5.68	NORMALE
38	181839063268	3.0	8.2	5.08	NORMALE
39	181839066353	12.0	14.05	12.82	NORMALE
40	181839067143	3.0	12.4	6.76	NORMALE
41	171739076008	1.0	13.3	5.92	NORMALE
42	181839072339	6.0	13.0	8.8	NORMALE
43	181839064093	4.0	11.8	7.12	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	10.85	10.85	10.85	NORMALE
46	161639065380	13.5	13.5	13.5	NORMALE
47	211539067649	1.0	8.8	4.12	NORMALE
48	211339031941	2.0	11.2	5.68	NORMALE
49	21109042733	3.0	7.0	4.6	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	5.0	11.8	7.72	NORMALE
2	181839068281	9.0	11.2	9.88	NORMALE
3	181839069477	5.0	8.8	6.52	NORMALE
4	181839072372	3.0	11.2	6.28	NORMALE
5	181839072343	12.0	10.0	11.2	NORMALE
6	181839071899	9.0	10.6	9.64	NORMALE
7	161639073197	3.0	11.2	6.28	NORMALE
8	171739076022	5.0	0.0	3.0	NORMALE
9	181839069046	13.0	13.1	13.04	NORMALE
10	181839071169	5.0	8.2	6.28	NORMALE
11	171739082354	0.0	10.0	4.0	NORMALE
12	171739069202	8.0	12.4	9.76	NORMALE
13	181839066965	1.0	9.4	4.36	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	8.0	11.2	9.28	NORMALE
16	181839064483	8.0	11.8	9.52	NORMALE
17	181839062996	4.0	10.9	6.76	NORMALE
18	171739064622	5.0	8.2	6.28	NORMALE
19	161639070870	8.0	14.6	10.64	NORMALE
20	181839070297	8.0	10.6	9.04	NORMALE
21	171739067104	5.0	12.1	7.84	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	14.3	11.72	NORMALE
26	181839063238	2.0	7.0	4.0	NORMALE
27	161639065542	1.0	8.2	3.88	NORMALE
28	181839067420	2.0	11.2	5.68	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	5.0	11.5	7.6	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	8.0	0.0	4.8	NORMALE
33	181839073637	7.0	10.0	8.2	NORMALE
34	171739065695	11.0	11.8	11.32	NORMALE
35	181839063269	6.0	7.0	6.4	NORMALE
36	171739051965	3.0	8.8	5.32	NORMALE
37	171739070668	7.0	13.0	9.4	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	7.0	8.8	7.72	NORMALE
40	171739074255	1.0	11.8	5.32	NORMALE
41	181839066358	12.0	10.9	11.56	NORMALE
42	161639067400	7.0	15.5	10.4	NORMALE
43	181839065636	11.0	13.3	11.92	NORMALE
44	181839065397	8.0	12.1	9.64	NORMALE
45	171739072843	10.35	10.35	10.35	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	10.9	4.36	NORMALE
48	161539076321	5.0	11.2	7.48	NORMALE
49	21109042745	4.0	11.8	7.12	NORMALE
50	181539053219	6.0	0.0	3.6	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / 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	14.3	7.52	NORMALE
3	171739072855	10.0	7.0	8.8	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	9.0	11.8	10.12	NORMALE
6	171739075170	2.0	12.4	6.16	NORMALE
7	181839069072	6.0	7.0	6.4	NORMALE
8	181839063208	10.0	6.4	8.56	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	3.0	14.9	7.76	NORMALE
11	161639068495	8.0	14.0	10.4	NORMALE
12	181839068812	8.0	7.0	7.6	NORMALE
13	161739082359	6.0	10.6	7.84	NORMALE
14	181839065646	8.0	7.0	7.6	NORMALE
15	161639074250	4.0	15.2	8.48	NORMALE
16	181839073668	5.0	8.8	6.52	NORMALE
17	181839069716	4.0	8.2	5.68	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	13.6	8.44	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	9.0	7.0	8.2	NORMALE
24	181839064565	8.0	8.8	8.32	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	9.0	10.0	9.4	NORMALE
27	171739071469	8.0	11.2	9.28	NORMALE
28	161639071502	3.0	0.0	1.8	NORMALE
29	181839067480	16.0	12.4	14.56	NORMALE
30	181839072344	1.0	5.8	2.92	NORMALE
31	181839071949	12.0	10.6	11.44	NORMALE
32	171739068595	1.0	7.0	3.4	NORMALE
33	181839071405	0.0	10.0	4.0	NORMALE
34	171739071186	6.0	10.0	7.6	NORMALE
35	171739076048	6.0	7.0	6.4	NORMALE
36	181839063249	5.0	8.2	6.28	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	10.0	11.2	10.48	NORMALE
39	181839063915	3.0	8.8	5.32	NORMALE
40	181839067972	8.0	9.4	8.56	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	3.0	14.3	7.52	NORMALE
43	171739074354	6.0	11.2	8.08	NORMALE
44	181839070302	9.0	11.2	9.88	NORMALE
45	181839065413	3.0	14.6	7.64	NORMALE
46	171739069277	2.0	0.0	1.2	NORMALE
47	171739066074	11.4	11.4	11.4	NORMALE
48	21129036386	16.0	15.05	15.62	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

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	7.0	10.0	8.2	NORMALE
2	161639078520	1.5	12.1	5.74	NORMALE
3	181839067063	5.0	6.4	5.56	NORMALE
4	181839067976	9.0	10.6	9.64	NORMALE
5	181839071455	12.0	13.0	12.4	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	4.0	9.4	6.16	NORMALE
8	181839069073	9.0	7.6	8.44	NORMALE
9	181839064076	10.0	7.6	9.04	NORMALE
10	181839070604	10.0	7.0	8.8	NORMALE
11	161639065861	0.0	5.2	2.08	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	2.0	7.0	4.0	NORMALE
14	181839071969	8.0	8.8	8.32	NORMALE
15	21089053900	0.5	5.2	2.38	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	8.0	6.4	7.36	NORMALE
19	171739071710	4.0	10.0	6.4	NORMALE
20	181839069765	0.5	10.0	4.3	NORMALE
21	171739070719	4.0	10.0	6.4	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	2.0	7.0	4.0	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	8.0	14.9	10.76	NORMALE
26	181839072345	3.0	6.4	4.36	NORMALE
27	171739071280	6.0	10.0	7.6	NORMALE
28	171739069281	10.1	10.1	10.1	NORMALE
29	171739075278	14.1	14.1	14.1	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	13.0	14.6	13.64	NORMALE
32	181839073647	8.0	10.0	8.8	NORMALE
33	161639069025	4.0	8.8	5.92	NORMALE
34	171739082385	2.0	0.0	1.2	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	8.0	11.2	9.28	NORMALE
37	181539066186	3.0	14.9	7.76	NORMALE
38	181839068854	2.0	10.9	5.56	NORMALE
39	171739066078	10.0	10.6	10.24	NORMALE
40	171739076231	2.0	0.0	1.2	NORMALE
41	181839066504	10.0	14.0	11.6	NORMALE
42	171739070140	7.0	7.0	7.0	NORMALE
43	161539075147	3.0	7.0	4.6	NORMALE
44	171739067356	3.0	13.6	7.24	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	7.0	5.8	6.52	NORMALE
47	181839063225	10.0	11.2	10.48	NORMALE
48	211339057308	3.0	8.8	5.32	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 47 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	9.4	3.76	NORMALE
2	171739069284	6.0	6.4	6.16	NORMALE
3	161639078588	11.0	8.8	10.12	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	7.0	7.0	7.0	NORMALE
6	181839062798	14.0	14.0	14.0	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	9.0	13.0	10.6	NORMALE
9	171739071382	3.0	14.0	7.4	NORMALE
10	171739073336	7.0	7.6	7.24	NORMALE
11	181839071973	4.0	7.0	5.2	NORMALE
12	171739064249	9.0	8.8	8.92	NORMALE
13	181839063231	8.0	11.8	9.52	NORMALE
14	21119045401	17.5	17.0	17.3	NORMALE
15	171739074772	10.0	9.4	9.76	NORMALE
16	181839067569	10.0	10.6	10.24	NORMALE
17	171739070194	7.0	10.9	8.56	NORMALE
18	181839068444	9.0	10.9	9.76	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	7.0	8.2	7.48	NORMALE
21	181839067616	1.0	0.0	0.6	NORMALE
22	161639069055	6.0	10.0	7.6	NORMALE
23	181539075199	12.0	12.4	12.16	NORMALE
24	181839065427	4.0	7.0	5.2	NORMALE
25	171739076304	5.0	10.0	7.0	NORMALE
26	181839069074	5.0	10.6	7.24	NORMALE
27	171739071844	10.0	12.1	10.84	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	6.0	11.2	8.08	NORMALE
31	181839073649	6.0	8.8	7.12	NORMALE
32	171739075355	5.0	11.8	7.72	NORMALE
33	171739067361	11.0	14.9	12.56	NORMALE
34	181839068980	10.0	11.2	10.48	NORMALE
35	161639072471	10.0	10.6	10.24	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	5.0	7.0	5.8	NORMALE
38	181839065661	9.0	5.8	7.72	NORMALE
39	181839067068	6.0	14.9	9.56	NORMALE
40	161639075277	14.1	14.1	14.1	NORMALE
41	171739069038	7.0	10.9	8.56	NORMALE
42	171739066304	10.0	14.9	11.96	NORMALE
43	181839069860	2.0	0.0	1.2	NORMALE
44	18049055164	12.0	15.2	13.28	NORMALE
45	171739070779	6.0	11.2	8.08	NORMALE
46	21099039390	0.0	15.2	6.08	NORMALE
47	181534024010	15.0	15.0	15.0	NORMALE
48	211539079159	10.0	14.6	11.84	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	10.0	8.8	9.52	NORMALE
51	201439055911	9.0	10.9	9.76	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Thermodynamique Appliquée / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	13.0	12.1	12.64	NORMALE
2	181839068982	11.0	11.5	11.2	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	10.0	15.5	12.2	NORMALE
6	181839067113	2.0	10.0	5.2	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	7.0	10.0	8.2	NORMALE
9	161631029915	6.0	10.0	7.6	NORMALE
10	181839062881	8.0	8.8	8.32	NORMALE
11	171739069116	10.35	10.35	10.35	NORMALE
12	181839066629	3.0	7.0	4.6	NORMALE
13	181839064789	9.0	8.8	8.92	NORMALE
14	171739075375	8.0	12.7	9.88	NORMALE
15	181839072355	3.0	6.4	4.36	NORMALE
16	181839063232	13.0	15.2	13.88	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	6.0	10.0	7.6	NORMALE
21	161639067288	10.1	10.1	10.1	NORMALE
22	171739070795	6.0	11.2	8.08	NORMALE
23	181839064088	2.0	6.4	3.76	NORMALE
24	161639072561	0.0	10.0	4.0	NORMALE
25	181839067603	2.0	12.7	6.28	NORMALE
26	161639069099	10.9	10.9	10.9	NORMALE
27	181839073658	6.0	5.2	5.68	NORMALE
28	181839071974	5.0	7.0	5.8	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	3.0	7.0	4.6	NORMALE
31	181836048869	9.0	11.5	10.0	NORMALE
32	171739071900	5.0	10.6	7.24	NORMALE
33	181839066301	4.0	14.2	8.08	NORMALE
34	19119046664	2.0	5.2	3.28	NORMALE
35	171739067697	10.0	7.0	8.8	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	11.8	4.72	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	11.1	11.1	11.1	NORMALE
40	161639075395	0.0	0.0	0.0	NORMALE
41	171739076306	2.0	10.6	5.44	NORMALE
42	181839070196	9.0	8.2	8.68	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	2.0	14.0	6.8	NORMALE
45	171739069289	7.0	8.2	7.48	NORMALE
46	21099043162	0.0	10.0	4.0	NORMALE
47	211439056999	16.0	10.0	13.6	NORMALE
48	20129045617	12.65	12.65	12.65	NORMALE
49	211539076261	2.0	7.0	4.0	NORMALE

Signature de l'enseignant:

Le:

Page 49 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	0.0	19.0	19.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	0.0	17.0	17.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	0.0	12.0	12.0	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	0.0	12.0	12.0	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	0.0	18.0	18.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.0	17.0	17.0	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	13.0	13.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	0.0	10.0	10.0	NORMALE
18	181839067606	0.0	10.0	10.0	NORMALE
19	161639072619	0.0	17.0	17.0	NORMALE
20	21069056594	0.0	13.0	13.0	NORMALE
21	171739072831	0.0	17.0	17.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	0.0	17.0	17.0	NORMALE
24	181839073660	0.0	12.0	12.0	NORMALE
25	171739074823	0.0	18.0	18.0	NORMALE
26	181839069464	0.0	13.0	13.0	NORMALE
27	171739064444	0.0	19.0	19.0	NORMALE
28	161639083633	0.0	17.0	17.0	NORMALE
29	161639070123	0.0	19.0	19.0	NORMALE
30	181839066640	0.0	15.5	15.5	NORMALE
31	181839072367	0.0	12.0	12.0	NORMALE
32	181839050744	0.0	14.0	14.0	NORMALE
33	171739067711	0.0	13.0	13.0	NORMALE
34	181839071617	0.0	17.0	17.0	NORMALE
35	181839066324	0.0	14.5	14.5	NORMALE
36	181839065601	0.0	14.0	14.0	NORMALE
37	181839068244	0.0	10.0	10.0	NORMALE
38	181839063259	0.0	10.0	10.0	NORMALE
39	171739065346	0.0	10.0	10.0	NORMALE
40	161639067341	0.0	17.0	17.0	NORMALE
41	171739075960	0.0	0.0	0.0	NORMALE
42	171739070220	0.0	17.0	17.0	NORMALE
43	171739064694	0.0	17.0	17.0	NORMALE
44	181839071167	0.0	11.0	11.0	NORMALE
45	181839067117	0.0	10.0	10.0	NORMALE
46	171739066651	0.0	17.0	17.0	NORMALE
47	171739069165	0.0	14.0	14.0	NORMALE
48	181839072302	0.0	15.0	15.0	NORMALE
49	201539067019	0.0	17.0	17.0	NORMALE
50	19129054134	0.0	18.0	18.0	NORMALE
51	201539076272	0.0	19.0	19.0	NORMALE
52	201439064816	0.0	17.0	17.0	NORMALE
53	21129045350	0.0	13.0	13.0	NORMALE

Signature de l'enseignant:

Le:

Page 50 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	0.0	10.5	10.5	NORMALE
2	21069058130	0.0	12.0	12.0	NORMALE
3	171739074827	0.0	18.0	18.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	17.0	17.0	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	0.0	15.0	15.0	NORMALE
8	181839068462	0.0	14.5	14.5	NORMALE
9	171739071456	0.0	17.0	17.0	NORMALE
10	181839062710	0.0	13.0	13.0	NORMALE
11	161639073148	0.0	19.0	19.0	NORMALE
12	18119048382	0.0	0.0	0.0	NORMALE
13	161639070809	0.0	18.0	18.0	NORMALE
14	181839070292	0.0	13.0	13.0	NORMALE
15	181839066556	0.0	14.5	14.5	NORMALE
16	181839072368	0.0	16.0	16.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	0.0	17.0	17.0	NORMALE
19	171739065462	0.0	17.0	17.0	NORMALE
20	171739081103	0.0	18.0	18.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.0	11.5	11.5	NORMALE
23	171739070519	0.0	19.0	19.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	0.0	12.0	12.0	NORMALE
26	161739082350	0.0	15.0	15.0	NORMALE
27	171739071180	0.0	17.0	17.0	NORMALE
28	171739068185	0.0	19.0	19.0	NORMALE
29	171739067103	0.0	17.0	17.0	NORMALE
30	181839073623	0.0	11.5	11.5	NORMALE
31	181839069473	0.0	14.5	14.5	NORMALE
32	181839062954	0.0	11.5	11.5	NORMALE
33	181839065214	0.0	13.0	13.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	0.0	12.0	12.0	NORMALE
36	181839071168	0.0	13.0	13.0	NORMALE
37	161639076828	0.0	11.5	11.5	NORMALE
38	181839063268	0.0	14.5	14.5	NORMALE
39	181839066353	0.0	14.5	14.5	NORMALE
40	181839067143	0.0	13.0	13.0	NORMALE
41	171739076008	0.0	18.0	18.0	NORMALE
42	181839072339	0.0	14.5	14.5	NORMALE
43	181839064093	0.0	13.0	13.0	NORMALE
44	171739069177	0.0	16.0	16.0	NORMALE
45	171739072841	0.0	18.0	18.0	NORMALE
46	161639065380	0.0	18.0	18.0	NORMALE
47	211539067649	0.0	13.0	13.0	NORMALE
48	211339031941	0.0	15.5	15.5	NORMALE
49	21109042733	0.0	13.0	13.0	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 51 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	0.0	14.5	14.5	NORMALE
2	181839068281	0.0	12.0	12.0	NORMALE
3	181839069477	0.0	11.0	11.0	NORMALE
4	181839072372	0.0	11.5	11.5	NORMALE
5	181839072343	0.0	11.5	11.5	NORMALE
6	181839071899	0.0	14.5	14.5	NORMALE
7	161639073197	0.0	15.0	15.0	NORMALE
8	171739076022	0.0	18.0	18.0	NORMALE
9	181839069046	0.0	12.5	12.5	NORMALE
10	181839071169	0.0	11.0	11.0	NORMALE
11	171739082354	0.0	18.0	18.0	NORMALE
12	171739069202	0.0	17.0	17.0	NORMALE
13	181839066965	0.0	11.5	11.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	0.0	12.0	12.0	NORMALE
16	181839064483	0.0	13.0	13.0	NORMALE
17	181839062996	0.0	13.0	13.0	NORMALE
18	171739064622	0.0	13.0	13.0	NORMALE
19	161639070870	0.0	12.0	12.0	NORMALE
20	181839070297	0.0	13.0	13.0	NORMALE
21	171739067104	0.0	17.0	17.0	NORMALE
22	171739074830	0.0	17.0	17.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	0.0	17.0	17.0	NORMALE
26	181839063238	0.0	0.0	0.0	NORMALE
27	161639065542	0.0	18.0	18.0	NORMALE
28	181839067420	0.0	10.5	10.5	NORMALE
29	171739071468	0.0	18.0	18.0	NORMALE
30	181839068464	0.0	14.5	14.5	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	0.0	13.0	13.0	NORMALE
33	181839073637	0.0	12.0	12.0	NORMALE
34	171739065695	0.0	18.0	18.0	NORMALE
35	181839063269	0.0	11.5	11.5	NORMALE
36	171739051965	0.0	0.0	0.0	NORMALE
37	171739070668	0.0	15.0	15.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	0.0	18.0	18.0	NORMALE
40	171739074255	0.0	11.0	11.0	NORMALE
41	181839066358	0.0	12.0	12.0	NORMALE
42	161639067400	0.0	17.0	17.0	NORMALE
43	181839065636	0.0	12.0	12.0	NORMALE
44	181839065397	0.0	13.0	13.0	NORMALE
45	171739072843	0.0	17.0	17.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	0.0	0.0	NORMALE
48	161539076321	0.0	11.5	11.5	NORMALE
49	21109042745	0.0	13.0	13.0	NORMALE
50	181539053219	0.0	18.0	18.0	NORMALE

Signature de l'enseignant:

Le:

Page 52 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / 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	11.0	11.0	NORMALE
3	171739072855	0.0	19.0	19.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	0.0	10.0	10.0	NORMALE
6	171739075170	0.0	12.0	12.0	NORMALE
7	181839069072	0.0	12.0	12.0	NORMALE
8	181839063208	0.0	11.5	11.5	NORMALE
9	171739064733	0.0	17.0	17.0	NORMALE
10	181839066989	0.0	10.5	10.5	NORMALE
11	161639068495	0.0	18.0	18.0	NORMALE
12	181839068812	0.0	13.0	13.0	NORMALE
13	161739082359	0.0	17.0	17.0	NORMALE
14	181839065646	0.0	12.0	12.0	NORMALE
15	161639074250	0.0	11.0	11.0	NORMALE
16	181839073668	0.0	12.0	12.0	NORMALE
17	181839069716	0.0	12.0	12.0	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	0.0	15.5	15.5	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	0.0	15.0	15.0	NORMALE
24	181839064565	0.0	13.0	13.0	NORMALE
25	181539064784	0.0	17.0	17.0	NORMALE
26	181839073643	0.0	12.0	12.0	NORMALE
27	171739071469	0.0	17.0	17.0	NORMALE
28	161639071502	0.0	11.0	11.0	NORMALE
29	181839067480	0.0	10.5	10.5	NORMALE
30	181839072344	0.0	15.0	15.0	NORMALE
31	181839071949	0.0	14.5	14.5	NORMALE
32	171739068595	0.0	15.0	15.0	NORMALE
33	181839071405	0.0	17.0	17.0	NORMALE
34	171739071186	0.0	13.0	13.0	NORMALE
35	171739076048	0.0	17.0	17.0	NORMALE
36	181839063249	0.0	12.0	12.0	NORMALE
37	161639065774	0.0	16.0	16.0	NORMALE
38	181839062744	0.0	12.0	12.0	NORMALE
39	181839063915	0.0	14.5	14.5	NORMALE
40	181839067972	0.0	10.5	10.5	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	0.0	14.5	14.5	NORMALE
43	171739074354	0.0	19.0	19.0	NORMALE
44	181839070302	0.0	12.0	12.0	NORMALE
45	181839065413	0.0	11.5	11.5	NORMALE
46	171739069277	0.0	15.0	15.0	NORMALE
47	171739066074	0.0	19.0	19.0	NORMALE
48	21129036386	0.0	12.0	12.0	NORMALE
49	201539074100	0.0	19.0	19.0	NORMALE
50	211339049699	0.0	13.0	13.0	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	0.0	18.0	18.0	NORMALE
2	161639078520	0.0	19.0	19.0	NORMALE
3	181839067063	0.0	0.0	0.0	NORMALE
4	181839067976	0.0	10.5	10.5	NORMALE
5	181839071455	0.0	12.0	12.0	NORMALE
6	171739064744	0.0	18.0	18.0	NORMALE
7	181839063250	0.0	14.5	14.5	NORMALE
8	181839069073	0.0	12.0	12.0	NORMALE
9	181839064076	0.0	13.0	13.0	NORMALE
10	181839070604	0.0	12.0	12.0	NORMALE
11	161639065861	0.0	18.0	18.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	0.0	14.0	14.0	NORMALE
14	181839071969	0.0	12.0	12.0	NORMALE
15	21089053900	0.0	14.0	14.0	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	0.0	13.0	13.0	NORMALE
19	171739071710	0.0	17.0	17.0	NORMALE
20	181839069765	0.0	0.0	0.0	NORMALE
21	171739070719	0.0	12.0	12.0	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.0	11.5	11.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.0	13.0	13.0	NORMALE
26	181839072345	0.0	11.5	11.5	NORMALE
27	171739071280	0.0	17.0	17.0	NORMALE
28	171739069281	0.0	15.0	15.0	NORMALE
29	171739075278	0.0	15.0	15.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	0.0	18.0	18.0	NORMALE
32	181839073647	0.0	0.0	0.0	NORMALE
33	161639069025	0.0	12.0	12.0	NORMALE
34	171739082385	0.0	17.0	17.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	0.0	11.5	11.5	NORMALE
37	181539066186	0.0	19.0	19.0	NORMALE
38	181839068854	0.0	15.0	15.0	NORMALE
39	171739066078	0.0	17.0	17.0	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	0.0	15.5	15.5	NORMALE
42	171739070140	0.0	17.0	17.0	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	0.0	19.0	19.0	NORMALE
45	171739068643	0.0	19.0	19.0	NORMALE
46	181839067523	0.0	10.5	10.5	NORMALE
47	181839063225	0.0	15.5	15.5	NORMALE
48	211339057308	0.0	14.0	14.0	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 54 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	10.5	10.5	NORMALE
2	171739069284	0.0	17.0	17.0	NORMALE
3	161639078588	0.0	19.0	19.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	13.0	13.0	NORMALE
6	181839062798	0.0	14.5	14.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	0.0	10.5	10.5	NORMALE
9	171739071382	0.0	17.0	17.0	NORMALE
10	171739073336	0.0	14.5	14.5	NORMALE
11	181839071973	0.0	14.5	14.5	NORMALE
12	171739064249	0.0	10.5	10.5	NORMALE
13	181839063231	0.0	12.0	12.0	NORMALE
14	21119045401	0.0	15.0	15.0	NORMALE
15	171739074772	0.0	17.0	17.0	NORMALE
16	181839067569	0.0	11.5	11.5	NORMALE
17	171739070194	0.0	17.0	17.0	NORMALE
18	181839068444	0.0	12.5	12.5	NORMALE
19	161639066586	0.0	16.0	16.0	NORMALE
20	181839064085	0.0	11.0	11.0	NORMALE
21	181839067616	0.0	11.0	11.0	NORMALE
22	161639069055	0.0	15.0	15.0	NORMALE
23	181539075199	0.0	12.0	12.0	NORMALE
24	181839065427	0.0	14.0	14.0	NORMALE
25	171739076304	0.0	19.0	19.0	NORMALE
26	181839069074	0.0	12.0	12.0	NORMALE
27	171739071844	0.0	18.0	18.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	0.0	12.0	12.0	NORMALE
31	181839073649	0.0	12.0	12.0	NORMALE
32	171739075355	0.0	12.0	12.0	NORMALE
33	171739067361	0.0	17.0	17.0	NORMALE
34	181839068980	0.0	13.0	13.0	NORMALE
35	161639072471	0.0	18.0	18.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	0.0	12.0	12.0	NORMALE
38	181839065661	0.0	12.0	12.0	NORMALE
39	181839067068	0.0	12.0	12.0	NORMALE
40	161639075277	0.0	18.0	18.0	NORMALE
41	171739069038	0.0	10.5	10.5	NORMALE
42	171739066304	0.0	19.0	19.0	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	0.0	12.5	12.5	NORMALE
45	171739070779	0.0	17.0	17.0	NORMALE
46	21099039390	0.0	12.5	12.5	NORMALE
47	181534024010	0.0	12.0	12.0	NORMALE
48	211539079159	0.0	12.0	12.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	0.0	15.0	15.0	NORMALE
51	201439055911	0.0	16.0	16.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Génie de La Réaction I / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	0.0	18.0	18.0	NORMALE
2	181839068982	0.0	14.5	14.5	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	0.0	18.0	18.0	NORMALE
6	181839067113	0.0	15.5	15.5	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	0.0	15.0	15.0	NORMALE
9	161631029915	0.0	15.0	15.0	NORMALE
10	181839062881	0.0	11.5	11.5	NORMALE
11	171739069116	0.0	15.0	15.0	NORMALE
12	181839066629	0.0	12.0	12.0	NORMALE
13	181839064789	0.0	13.0	13.0	NORMALE
14	171739075375	0.0	18.0	18.0	NORMALE
15	181839072355	0.0	12.0	12.0	NORMALE
16	181839063232	0.0	12.0	12.0	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	17.0	17.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	0.0	16.0	16.0	NORMALE
21	161639067288	0.0	17.0	17.0	NORMALE
22	171739070795	0.0	17.0	17.0	NORMALE
23	181839064088	0.0	11.54	11.54	NORMALE
24	161639072561	0.0	15.0	15.0	NORMALE
25	181839067603	0.0	11.0	11.0	NORMALE
26	161639069099	0.0	17.0	17.0	NORMALE
27	181839073658	0.0	12.0	12.0	NORMALE
28	181839071974	0.0	12.0	12.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	0.0	18.0	18.0	NORMALE
31	181836048869	0.0	12.0	12.0	NORMALE
32	171739071900	0.0	17.0	17.0	NORMALE
33	181839066301	0.0	10.5	10.5	NORMALE
34	19119046664	0.0	13.0	13.0	NORMALE
35	171739067697	0.0	12.0	12.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	19.0	19.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	0.0	17.0	17.0	NORMALE
40	161639075395	0.0	19.0	19.0	NORMALE
41	171739076306	0.0	18.0	18.0	NORMALE
42	181839070196	0.0	12.0	12.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	0.0	0.0	NORMALE
45	171739069289	0.0	18.0	18.0	NORMALE
46	21099043162	0.0	15.0	15.0	NORMALE
47	211439056999	0.0	12.0	12.0	NORMALE
48	20129045617	0.0	17.0	17.0	NORMALE
49	211539076261	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 56 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	0.0	17.75	17.75	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	0.0	16.5	16.5	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	0.0	0.0	NORMALE
6	181839069032	0.0	11.75	11.75	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	0.0	12.75	12.75	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	0.0	15.0	15.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.0	14.75	14.75	NORMALE
13	21119047854	0.0	0.0	0.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	7.5	7.5	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	0.0	11.5	11.5	NORMALE
18	181839067606	0.0	11.5	11.5	NORMALE
19	161639072619	0.0	15.75	15.75	NORMALE
20	21069056594	0.0	11.0	11.0	NORMALE
21	171739072831	0.0	15.75	15.75	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	0.0	15.5	15.5	NORMALE
24	181839073660	0.0	10.5	10.5	NORMALE
25	171739074823	0.0	13.75	13.75	NORMALE
26	181839069464	0.0	9.0	9.0	NORMALE
27	171739064444	0.0	14.75	14.75	NORMALE
28	161639083633	0.0	17.0	17.0	NORMALE
29	161639070123	0.0	15.0	15.0	NORMALE
30	181839066640	0.0	11.5	11.5	NORMALE
31	181839072367	0.0	10.5	10.5	NORMALE
32	181839050744	0.0	14.5	14.5	NORMALE
33	171739067711	0.0	11.0	11.0	NORMALE
34	181839071617	0.0	13.0	13.0	NORMALE
35	181839066324	0.0	12.75	12.75	NORMALE
36	181839065601	0.0	10.5	10.5	NORMALE
37	181839068244	0.0	11.5	11.5	NORMALE
38	181839063259	0.0	11.0	11.0	NORMALE
39	171739065346	0.0	11.5	11.5	NORMALE
40	161639067341	0.0	15.25	15.25	NORMALE
41	171739075960	0.0	11.5	11.5	NORMALE
42	171739070220	0.0	15.5	15.5	NORMALE
43	171739064694	0.0	15.25	15.25	NORMALE
44	181839071167	0.0	11.5	11.5	NORMALE
45	181839067117	0.0	13.75	13.75	NORMALE
46	171739066651	0.0	14.0	14.0	NORMALE
47	171739069165	0.0	10.5	10.5	NORMALE
48	181839072302	0.0	10.0	10.0	NORMALE
49	201539067019	0.0	15.25	15.25	NORMALE
50	19129054134	0.0	14.5	14.5	NORMALE
51	201539076272	0.0	17.75	17.75	NORMALE
52	201439064816	0.0	17.0	17.0	NORMALE
53	21129045350	0.0	9.0	9.0	NORMALE

Signature de l'enseignant:

Le:

Page 57 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	0.0	13.0	13.0	NORMALE
2	21069058130	0.0	0.0	0.0	NORMALE
3	171739074827	0.0	18.0	18.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	14.25	14.25	NORMALE
6	181839071646	0.0	0.0	0.0	NORMALE
7	181839066953	0.0	14.25	14.25	NORMALE
8	181839068462	0.0	13.0	13.0	NORMALE
9	171739071456	0.0	15.0	15.0	NORMALE
10	181839062710	0.0	13.0	13.0	NORMALE
11	161639073148	0.0	16.0	16.0	NORMALE
12	18119048382	0.0	0.0	0.0	NORMALE
13	161639070809	0.0	18.5	18.5	NORMALE
14	181839070292	0.0	12.0	12.0	NORMALE
15	181839066556	0.0	12.0	12.0	NORMALE
16	181839072368	0.0	12.0	12.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	0.0	13.5	13.5	NORMALE
19	171739065462	0.0	14.75	14.75	NORMALE
20	171739081103	0.0	15.75	15.75	NORMALE
21	171739064583	0.0	6.0	6.0	NORMALE
22	181839063235	0.0	10.25	10.25	NORMALE
23	171739070519	0.0	16.0	16.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	0.0	12.0	12.0	NORMALE
26	161739082350	0.0	15.0	15.0	NORMALE
27	171739071180	0.0	17.0	17.0	NORMALE
28	171739068185	0.0	15.0	15.0	NORMALE
29	171739067103	0.0	15.0	15.0	NORMALE
30	181839073623	0.0	13.0	13.0	NORMALE
31	181839069473	0.0	11.5	11.5	NORMALE
32	181839062954	0.0	10.25	10.25	NORMALE
33	181839065214	0.0	13.0	13.0	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	0.0	13.0	13.0	NORMALE
36	181839071168	0.0	9.0	9.0	NORMALE
37	161639076828	0.0	12.0	12.0	NORMALE
38	181839063268	0.0	10.5	10.5	NORMALE
39	181839066353	0.0	13.0	13.0	NORMALE
40	181839067143	0.0	9.0	9.0	NORMALE
41	171739076008	0.0	16.5	16.5	NORMALE
42	181839072339	0.0	11.5	11.5	NORMALE
43	181839064093	0.0	13.0	13.0	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	0.0	13.75	13.75	NORMALE
46	161639065380	0.0	16.5	16.5	NORMALE
47	211539067649	0.0	13.0	13.0	NORMALE
48	211339031941	0.0	11.25	11.25	NORMALE
49	21109042733	0.0	6.75	6.75	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	0.0	13.5	13.5	NORMALE
2	181839068281	0.0	12.0	12.0	NORMALE
3	181839069477	0.0	13.75	13.75	NORMALE
4	181839072372	0.0	13.5	13.5	NORMALE
5	181839072343	0.0	13.5	13.5	NORMALE
6	181839071899	0.0	11.5	11.5	NORMALE
7	161639073197	0.0	11.0	11.0	NORMALE
8	171739076022	0.0	15.5	15.5	NORMALE
9	181839069046	0.0	13.25	13.25	NORMALE
10	181839071169	0.0	13.5	13.5	NORMALE
11	171739082354	0.0	14.75	14.75	NORMALE
12	171739069202	0.0	6.5	6.5	NORMALE
13	181839066965	0.0	13.5	13.5	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	0.0	13.5	13.5	NORMALE
16	181839064483	0.0	11.5	11.5	NORMALE
17	181839062996	0.0	12.5	12.5	NORMALE
18	171739064622	0.0	11.0	11.0	NORMALE
19	161639070870	0.0	12.0	12.0	NORMALE
20	181839070297	0.0	11.5	11.5	NORMALE
21	171739067104	0.0	15.0	15.0	NORMALE
22	171739074830	0.0	17.0	17.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	0.0	15.25	15.25	NORMALE
26	181839063238	0.0	12.0	12.0	NORMALE
27	161639065542	0.0	15.25	15.25	NORMALE
28	181839067420	0.0	2.5	2.5	NORMALE
29	171739071468	0.0	15.5	15.5	NORMALE
30	181839068464	0.0	12.0	12.0	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	0.0	10.75	10.75	NORMALE
33	181839073637	0.0	12.0	12.0	NORMALE
34	171739065695	0.0	16.75	16.75	NORMALE
35	181839063269	0.0	12.0	12.0	NORMALE
36	171739051965	0.0	14.5	14.5	NORMALE
37	171739070668	0.0	15.5	15.5	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	0.0	15.75	15.75	NORMALE
40	171739074255	0.0	2.5	2.5	NORMALE
41	181839066358	0.0	14.5	14.5	NORMALE
42	161639067400	0.0	15.25	15.25	NORMALE
43	181839065636	0.0	14.5	14.5	NORMALE
44	181839065397	0.0	13.0	13.0	NORMALE
45	171739072843	0.0	15.75	15.75	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	13.0	13.0	NORMALE
48	161539076321	0.0	13.5	13.5	NORMALE
49	21109042745	0.0	12.75	12.75	NORMALE
50	181539053219	0.0	17.0	17.0	NORMALE

Signature de l'enseignant:

Le:

Page 59 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / 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	6.5	6.5	NORMALE
3	171739072855	0.0	17.75	17.75	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	0.0	12.0	12.0	NORMALE
6	171739075170	0.0	10.0	10.0	NORMALE
7	181839069072	0.0	13.25	13.25	NORMALE
8	181839063208	0.0	10.75	10.75	NORMALE
9	171739064733	0.0	15.25	15.25	NORMALE
10	181839066989	0.0	9.25	9.25	NORMALE
11	161639068495	0.0	18.5	18.5	NORMALE
12	181839068812	0.0	10.75	10.75	NORMALE
13	161739082359	0.0	15.25	15.25	NORMALE
14	181839065646	0.0	11.0	11.0	NORMALE
15	161639074250	0.0	10.75	10.75	NORMALE
16	181839073668	0.0	12.75	12.75	NORMALE
17	181839069716	0.0	6.0	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	0.0	11.75	11.75	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	0.0	11.25	11.25	NORMALE
24	181839064565	0.0	10.0	10.0	NORMALE
25	181539064784	0.0	16.0	16.0	NORMALE
26	181839073643	0.0	12.75	12.75	NORMALE
27	171739071469	0.0	15.0	15.0	NORMALE
28	161639071502	0.0	6.5	6.5	NORMALE
29	181839067480	0.0	12.0	12.0	NORMALE
30	181839072344	0.0	11.25	11.25	NORMALE
31	181839071949	0.0	10.75	10.75	NORMALE
32	171739068595	0.0	15.25	15.25	NORMALE
33	181839071405	0.0	12.0	12.0	NORMALE
34	171739071186	0.0	12.0	12.0	NORMALE
35	171739076048	0.0	15.5	15.5	NORMALE
36	181839063249	0.0	12.5	12.5	NORMALE
37	161639065774	0.0	16.0	16.0	NORMALE
38	181839062744	0.0	12.5	12.5	NORMALE
39	181839063915	0.0	12.5	12.5	NORMALE
40	181839067972	0.0	12.0	12.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	0.0	12.5	12.5	NORMALE
43	171739074354	0.0	16.0	16.0	NORMALE
44	181839070302	0.0	12.5	12.5	NORMALE
45	181839065413	0.0	12.0	12.0	NORMALE
46	171739069277	0.0	17.0	17.0	NORMALE
47	171739066074	0.0	17.75	17.75	NORMALE
48	21129036386	0.0	12.75	12.75	NORMALE
49	201539074100	0.0	18.5	18.5	NORMALE
50	211339049699	0.0	6.5	6.5	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 60 sur 77

2021/2022

Filière: génie des procédés
génie chimique

Niveau:

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

Matière: TP Opérations Unitaires 1 / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	0.0	18.0	18.0	NORMALE
2	161639078520	0.0	16.0	16.0	NORMALE
3	181839067063	0.0	11.5	11.5	NORMALE
4	181839067976	0.0	10.5	10.5	NORMALE
5	181839071455	0.0	11.25	11.25	NORMALE
6	171739064744	0.0	17.25	17.25	NORMALE
7	181839063250	0.0	11.5	11.5	NORMALE
8	181839069073	0.0	14.0	14.0	NORMALE
9	181839064076	0.0	12.5	12.5	NORMALE
10	181839070604	0.0	12.75	12.75	NORMALE
11	161639065861	0.0	15.5	15.5	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	0.0	11.5	11.5	NORMALE
14	181839071969	0.0	14.0	14.0	NORMALE
15	21089053900	0.0	10.75	10.75	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	15.5	15.5	NORMALE
18	181839064566	0.0	13.5	13.5	NORMALE
19	171739071710	0.0	15.5	15.5	NORMALE
20	181839069765	0.0	11.0	11.0	NORMALE
21	171739070719	0.0	11.25	11.25	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.0	10.5	10.5	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.0	13.5	13.5	NORMALE
26	181839072345	0.0	11.5	11.5	NORMALE
27	171739071280	0.0	15.5	15.5	NORMALE
28	171739069281	0.0	15.25	15.25	NORMALE
29	171739075278	0.0	15.25	15.25	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	0.0	16.75	16.75	NORMALE
32	181839073647	0.0	12.5	12.5	NORMALE
33	161639069025	0.0	14.0	14.0	NORMALE
34	171739082385	0.0	15.0	15.0	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	0.0	11.5	11.5	NORMALE
37	181539066186	0.0	17.75	17.75	NORMALE
38	181839068854	0.0	12.75	12.75	NORMALE
39	171739066078	0.0	15.75	15.75	NORMALE
40	171739076231	0.0	0.0	0.0	NORMALE
41	181839066504	0.0	12.0	12.0	NORMALE
42	171739070140	0.0	15.5	15.5	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	0.0	16.0	16.0	NORMALE
45	171739068643	0.0	15.0	15.0	NORMALE
46	181839067523	0.0	10.5	10.5	NORMALE
47	181839063225	0.0	12.0	12.0	NORMALE
48	211339057308	0.0	11.5	11.5	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 61 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	10.5	10.5	NORMALE
2	171739069284	0.0	15.5	15.5	NORMALE
3	161639078588	0.0	15.0	15.0	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	0.0	12.5	12.5	NORMALE
6	181839062798	0.0	14.5	14.5	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	0.0	10.0	10.0	NORMALE
9	171739071382	0.0	15.75	15.75	NORMALE
10	171739073336	0.0	14.75	14.75	NORMALE
11	181839071973	0.0	12.5	12.5	NORMALE
12	171739064249	0.0	14.0	14.0	NORMALE
13	181839063231	0.0	12.0	12.0	NORMALE
14	21119045401	0.0	13.25	13.25	NORMALE
15	171739074772	0.0	17.0	17.0	NORMALE
16	181839067569	0.0	12.5	12.5	NORMALE
17	171739070194	0.0	14.75	14.75	NORMALE
18	181839068444	0.0	11.0	11.0	NORMALE
19	161639066586	0.0	14.5	14.5	NORMALE
20	181839064085	0.0	12.5	12.5	NORMALE
21	181839067616	0.0	0.0	0.0	NORMALE
22	161639069055	0.0	12.5	12.5	NORMALE
23	181539075199	0.0	16.5	16.5	NORMALE
24	181839065427	0.0	11.0	11.0	NORMALE
25	171739076304	0.0	16.0	16.0	NORMALE
26	181839069074	0.0	11.25	11.25	NORMALE
27	171739071844	0.0	15.0	15.0	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	0.0	16.5	16.5	NORMALE
31	181839073649	0.0	12.5	12.5	NORMALE
32	171739075355	0.0	11.25	11.25	NORMALE
33	171739067361	0.0	15.75	15.75	NORMALE
34	181839068980	0.0	13.0	13.0	NORMALE
35	161639072471	0.0	16.5	16.5	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	0.0	16.5	16.5	NORMALE
38	181839065661	0.0	12.5	12.5	NORMALE
39	181839067068	0.0	11.25	11.25	NORMALE
40	161639075277	0.0	15.75	15.75	NORMALE
41	171739069038	0.0	14.0	14.0	NORMALE
42	171739066304	0.0	17.75	17.75	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	0.0	11.0	11.0	NORMALE
45	171739070779	0.0	14.75	14.75	NORMALE
46	21099039390	0.0	11.0	11.0	NORMALE
47	181534024010	0.0	13.0	13.0	NORMALE
48	211539079159	0.0	16.5	16.5	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	0.0	12.5	12.5	NORMALE
51	201439055911	0.0	14.5	14.5	NORMALE

Signature de l'enseignant:

Le:

Page 62 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Opérations Unitaires 1 / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	0.0	15.0	15.0	NORMALE
2	181839068982	0.0	9.0	9.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	0.0	18.5	18.5	NORMALE
6	181839067113	0.0	12.0	12.0	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	0.0	11.5	11.5	NORMALE
9	161631029915	0.0	10.0	10.0	NORMALE
10	181839062881	0.0	12.5	12.5	NORMALE
11	171739069116	0.0	17.0	17.0	NORMALE
12	181839066629	0.0	12.0	12.0	NORMALE
13	181839064789	0.0	11.5	11.5	NORMALE
14	171739075375	0.0	16.0	16.0	NORMALE
15	181839072355	0.0	11.5	11.5	NORMALE
16	181839063232	0.0	12.5	12.5	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	14.0	14.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	0.0	16.0	16.0	NORMALE
21	161639067288	0.0	17.0	17.0	NORMALE
22	171739070795	0.0	15.0	15.0	NORMALE
23	181839064088	0.0	13.0	13.0	NORMALE
24	161639072561	0.0	12.0	12.0	NORMALE
25	181839067603	0.0	7.0	7.0	NORMALE
26	161639069099	0.0	15.25	15.25	NORMALE
27	181839073658	0.0	11.5	11.5	NORMALE
28	181839071974	0.0	9.0	9.0	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	0.0	15.0	15.0	NORMALE
31	181836048869	0.0	11.5	11.5	NORMALE
32	171739071900	0.0	15.75	15.75	NORMALE
33	181839066301	0.0	10.0	10.0	NORMALE
34	19119046664	0.0	12.5	12.5	NORMALE
35	171739067697	0.0	16.0	16.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	16.0	16.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	0.0	15.5	15.5	NORMALE
40	161639075395	0.0	16.0	16.0	NORMALE
41	171739076306	0.0	16.5	16.5	NORMALE
42	181839070196	0.0	11.0	11.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	9.0	9.0	NORMALE
45	171739069289	0.0	16.0	16.0	NORMALE
46	21099043162	0.0	7.0	7.0	NORMALE
47	211439056999	0.0	11.5	11.5	NORMALE
48	20129045617	0.0	14.5	14.5	NORMALE
49	211539076261	0.0	7.0	7.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	0.0	4.0	4.0	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	0.0	3.0	3.0	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	5.56	5.56	NORMALE
6	181839069032	0.0	10.75	10.75	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	0.0	10.63	10.63	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	0.0	5.0	5.0	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	0.0	10.81	10.81	NORMALE
13	21119047854	0.0	10.0	10.0	NORMALE
14	181839068453	0.0	0.0	0.0	NORMALE
15	2099924438	0.0	10.0	10.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	0.0	10.0	10.0	NORMALE
18	181839067606	0.0	10.06	10.06	NORMALE
19	161639072619	0.0	8.0	8.0	NORMALE
20	21069056594	0.0	10.69	10.69	NORMALE
21	171739072831	0.0	8.0	8.0	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	0.0	5.0	5.0	NORMALE
24	181839073660	0.0	10.75	10.75	NORMALE
25	171739074823	0.0	4.0	4.0	NORMALE
26	181839069464	0.0	10.06	10.06	NORMALE
27	171739064444	0.0	0.0	0.0	NORMALE
28	161639083633	0.0	10.88	10.88	NORMALE
29	161639070123	0.0	3.0	3.0	NORMALE
30	181839066640	0.0	10.19	10.19	NORMALE
31	181839072367	0.0	13.31	13.31	NORMALE
32	181839050744	0.0	10.31	10.31	NORMALE
33	171739067711	0.0	10.19	10.19	NORMALE
34	181839071617	0.0	14.13	14.13	NORMALE
35	181839066324	0.0	13.88	13.88	NORMALE
36	181839065601	0.0	11.13	11.13	NORMALE
37	181839068244	0.0	10.06	10.06	NORMALE
38	181839063259	0.0	10.06	10.06	NORMALE
39	171739065346	0.0	10.06	10.06	NORMALE
40	161639067341	0.0	6.0	6.0	NORMALE
41	171739075960	0.0	10.75	10.75	NORMALE
42	171739070220	0.0	2.0	2.0	NORMALE
43	171739064694	0.0	4.0	4.0	NORMALE
44	181839071167	0.0	10.56	10.56	NORMALE
45	181839067117	0.0	11.13	11.13	NORMALE
46	171739066651	0.0	7.0	7.0	NORMALE
47	171739069165	0.0	10.63	10.63	NORMALE
48	181839072302	0.0	10.31	10.31	NORMALE
49	201539067019	0.0	3.0	3.0	NORMALE
50	19129054134	0.0	4.0	4.0	NORMALE
51	201539076272	0.0	3.0	3.0	NORMALE
52	201439064816	0.0	4.0	4.0	NORMALE
53	21129045350	0.0	10.06	10.06	NORMALE

Signature de l'enseignant:

Le:

Page 64 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	0.0	10.0	10.0	NORMALE
2	21069058130	0.0	2.5	2.5	NORMALE
3	171739074827	0.0	4.0	4.0	NORMALE
4	181839067608	0.0	0.0	0.0	NORMALE
5	161639067356	0.0	0.0	0.0	NORMALE
6	181839071646	0.0	2.5	2.5	NORMALE
7	181839066953	0.0	5.44	5.44	NORMALE
8	181839068462	0.0	10.63	10.63	NORMALE
9	171739071456	0.0	7.0	7.0	NORMALE
10	181839062710	0.0	10.0	10.0	NORMALE
11	161639073148	0.0	8.5	8.5	NORMALE
12	18119048382	0.0	10.25	10.25	NORMALE
13	161639070809	0.0	3.0	3.0	NORMALE
14	181839070292	0.0	10.13	10.13	NORMALE
15	181839066556	0.0	10.0	10.0	NORMALE
16	181839072368	0.0	10.0	10.0	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	0.0	12.0	12.0	NORMALE
19	171739065462	0.0	6.0	6.0	NORMALE
20	171739081103	0.0	7.0	7.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	0.0	10.0	10.0	NORMALE
23	171739070519	0.0	3.0	3.0	NORMALE
24	171739074239	0.0	0.0	0.0	NORMALE
25	181839069041	0.0	10.63	10.63	NORMALE
26	161739082350	0.0	16.63	16.63	NORMALE
27	171739071180	0.0	5.0	5.0	NORMALE
28	171739068185	0.0	5.0	5.0	NORMALE
29	171739067103	0.0	0.0	0.0	NORMALE
30	181839073623	0.0	10.0	10.0	NORMALE
31	181839069473	0.0	12.63	12.63	NORMALE
32	181839062954	0.0	10.0	10.0	NORMALE
33	181839065214	0.0	10.56	10.56	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	0.0	10.44	10.44	NORMALE
36	181839071168	0.0	10.13	10.13	NORMALE
37	161639076828	0.0	10.63	10.63	NORMALE
38	181839063268	0.0	10.94	10.94	NORMALE
39	181839066353	0.0	11.13	11.13	NORMALE
40	181839067143	0.0	10.63	10.63	NORMALE
41	171739076008	0.0	4.0	4.0	NORMALE
42	181839072339	0.0	10.0	10.0	NORMALE
43	181839064093	0.0	10.13	10.13	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	0.0	8.5	8.5	NORMALE
46	161639065380	0.0	4.0	4.0	NORMALE
47	211539067649	0.0	10.0	10.0	NORMALE
48	211339031941	0.0	10.06	10.06	NORMALE
49	21109042733	0.0	10.25	10.25	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	0.0	10.0	10.0	NORMALE
2	181839068281	0.0	10.13	10.13	NORMALE
3	181839069477	0.0	10.0	10.0	NORMALE
4	181839072372	0.0	11.0	11.0	NORMALE
5	181839072343	0.0	13.5	13.5	NORMALE
6	181839071899	0.0	12.25	12.25	NORMALE
7	161639073197	0.0	10.06	10.06	NORMALE
8	171739076022	0.0	5.0	5.0	NORMALE
9	181839069046	0.0	10.06	10.06	NORMALE
10	181839071169	0.0	10.25	10.25	NORMALE
11	171739082354	0.0	12.13	12.13	NORMALE
12	171739069202	0.0	11.25	11.25	NORMALE
13	181839066965	0.0	10.0	10.0	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	0.0	11.25	11.25	NORMALE
16	181839064483	0.0	10.06	10.06	NORMALE
17	181839062996	0.0	10.81	10.81	NORMALE
18	171739064622	0.0	11.0	11.0	NORMALE
19	161639070870	0.0	10.19	10.19	NORMALE
20	181839070297	0.0	10.0	10.0	NORMALE
21	171739067104	0.0	0.0	0.0	NORMALE
22	171739074830	0.0	3.0	3.0	NORMALE
23	171739068287	0.0	0.0	0.0	NORMALE
24	181839067960	0.0	0.0	0.0	NORMALE
25	161639077362	0.0	6.0	6.0	NORMALE
26	181839063238	0.0	4.0	4.0	NORMALE
27	161639065542	0.0	3.0	3.0	NORMALE
28	181839067420	0.0	10.0	10.0	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	0.0	11.75	11.75	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	0.0	10.0	10.0	NORMALE
33	181839073637	0.0	10.0	10.0	NORMALE
34	171739065695	0.0	5.0	5.0	NORMALE
35	181839063269	0.0	10.13	10.13	NORMALE
36	171739051965	0.0	11.31	11.31	NORMALE
37	171739070668	0.0	3.0	3.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	0.0	5.5	5.5	NORMALE
40	171739074255	0.0	10.0	10.0	NORMALE
41	181839066358	0.0	12.5	12.5	NORMALE
42	161639067400	0.0	7.0	7.0	NORMALE
43	181839065636	0.0	11.25	11.25	NORMALE
44	181839065397	0.0	10.06	10.06	NORMALE
45	171739072843	0.0	5.0	5.0	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	10.06	10.06	NORMALE
48	161539076321	0.0	11.5	11.5	NORMALE
49	21109042745	0.0	10.0	10.0	NORMALE
50	181539053219	0.0	8.5	8.5	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / 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	10.44	10.44	NORMALE
3	171739072855	0.0	6.0	6.0	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	0.0	10.25	10.25	NORMALE
6	171739075170	0.0	11.0	11.0	NORMALE
7	181839069072	0.0	11.0	11.0	NORMALE
8	181839063208	0.0	11.0	11.0	NORMALE
9	171739064733	0.0	14.0	14.0	NORMALE
10	181839066989	0.0	10.06	10.06	NORMALE
11	161639068495	0.0	12.0	12.0	NORMALE
12	181839068812	0.0	10.75	10.75	NORMALE
13	161739082359	0.0	4.0	4.0	NORMALE
14	181839065646	0.0	11.06	11.06	NORMALE
15	161639074250	0.0	10.38	10.38	NORMALE
16	181839073668	0.0	10.0	10.0	NORMALE
17	181839069716	0.0	10.0	10.0	NORMALE
18	181839068292	0.0	0.0	0.0	NORMALE
19	171739054459	0.0	2.5	2.5	NORMALE
20	171739070089	0.0	0.0	0.0	NORMALE
21	181839066459	0.0	10.19	10.19	NORMALE
22	21119034252	0.0	10.0	10.0	NORMALE
23	161639077474	0.0	10.0	10.0	NORMALE
24	181839064565	0.0	11.5	11.5	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	0.0	10.19	10.19	NORMALE
27	171739071469	0.0	6.0	6.0	NORMALE
28	161639071502	0.0	10.0	10.0	NORMALE
29	181839067480	0.0	10.0	10.0	NORMALE
30	181839072344	0.0	10.0	10.0	NORMALE
31	181839071949	0.0	10.75	10.75	NORMALE
32	171739068595	0.0	10.0	10.0	NORMALE
33	181839071405	0.0	10.19	10.19	NORMALE
34	171739071186	0.0	10.13	10.13	NORMALE
35	171739076048	0.0	7.0	7.0	NORMALE
36	181839063249	0.0	10.19	10.19	NORMALE
37	161639065774	0.0	4.0	4.0	NORMALE
38	181839062744	0.0	10.19	10.19	NORMALE
39	181839063915	0.0	10.19	10.19	NORMALE
40	181839067972	0.0	10.38	10.38	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	0.0	10.0	10.0	NORMALE
43	171739074354	0.0	3.0	3.0	NORMALE
44	181839070302	0.0	10.44	10.44	NORMALE
45	181839065413	0.0	10.75	10.75	NORMALE
46	171739069277	0.0	5.0	5.0	NORMALE
47	171739066074	0.0	7.0	7.0	NORMALE
48	21129036386	0.0	10.0	10.0	NORMALE
49	201539074100	0.0	6.0	6.0	NORMALE
50	211339049699	0.0	5.56	5.56	NORMALE
51	161539077736	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	0.0	10.0	10.0	NORMALE
2	161639078520	0.0	3.0	3.0	NORMALE
3	181839067063	0.0	11.06	11.06	NORMALE
4	181839067976	0.0	12.13	12.13	NORMALE
5	181839071455	0.0	10.88	10.88	NORMALE
6	171739064744	0.0	6.0	6.0	NORMALE
7	181839063250	0.0	10.19	10.19	NORMALE
8	181839069073	0.0	11.44	11.44	NORMALE
9	181839064076	0.0	11.5	11.5	NORMALE
10	181839070604	0.0	10.69	10.69	NORMALE
11	161639065861	0.0	2.5	2.5	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	0.0	11.06	11.06	NORMALE
14	181839071969	0.0	10.44	10.44	NORMALE
15	21089053900	0.0	10.06	10.06	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	0.0	11.0	11.0	NORMALE
19	171739071710	0.0	3.0	3.0	NORMALE
20	181839069765	0.0	10.56	10.56	NORMALE
21	171739070719	0.0	10.88	10.88	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	0.0	12.13	12.13	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	0.0	11.0	11.0	NORMALE
26	181839072345	0.0	10.5	10.5	NORMALE
27	171739071280	0.0	4.0	4.0	NORMALE
28	171739069281	0.0	3.0	3.0	NORMALE
29	171739075278	0.0	5.0	5.0	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	0.0	3.0	3.0	NORMALE
32	181839073647	0.0	10.69	10.69	NORMALE
33	161639069025	0.0	11.19	11.19	NORMALE
34	171739082385	0.0	11.5	11.5	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	0.0	10.0	10.0	NORMALE
37	181539066186	0.0	0.0	0.0	NORMALE
38	181839068854	0.0	10.19	10.19	NORMALE
39	171739066078	0.0	6.0	6.0	NORMALE
40	171739076231	0.0	5.94	5.94	NORMALE
41	181839066504	0.0	10.06	10.06	NORMALE
42	171739070140	0.0	11.63	11.63	NORMALE
43	161539075147	0.0	0.0	0.0	NORMALE
44	171739067356	0.0	3.0	3.0	NORMALE
45	171739068643	0.0	6.0	6.0	NORMALE
46	181839067523	0.0	11.0	11.0	NORMALE
47	181839063225	0.0	10.06	10.06	NORMALE
48	211339057308	0.0	10.88	10.88	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	0.0	10.25	10.25	NORMALE
2	171739069284	0.0	8.0	8.0	NORMALE
3	161639078588	0.0	4.0	4.0	NORMALE
4	171739064766	0.0	2.5	2.5	NORMALE
5	181839064572	0.0	11.06	11.06	NORMALE
6	181839062798	0.0	10.19	10.19	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	0.0	10.0	10.0	NORMALE
9	171739071382	0.0	5.69	5.69	NORMALE
10	171739073336	0.0	10.0	10.0	NORMALE
11	181839071973	0.0	10.06	10.06	NORMALE
12	171739064249	0.0	10.0	10.0	NORMALE
13	181839063231	0.0	10.56	10.56	NORMALE
14	21119045401	0.0	4.94	4.94	NORMALE
15	171739074772	0.0	6.0	6.0	NORMALE
16	181839067569	0.0	10.0	10.0	NORMALE
17	171739070194	0.0	4.0	4.0	NORMALE
18	181839068444	0.0	10.38	10.38	NORMALE
19	161639066586	0.0	3.0	3.0	NORMALE
20	181839064085	0.0	10.0	10.0	NORMALE
21	181839067616	0.0	10.0	10.0	NORMALE
22	161639069055	0.0	11.5	11.5	NORMALE
23	181539075199	0.0	11.06	11.06	NORMALE
24	181839065427	0.0	10.0	10.0	NORMALE
25	171739076304	0.0	6.0	6.0	NORMALE
26	181839069074	0.0	10.13	10.13	NORMALE
27	171739071844	0.0	8.5	8.5	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	0.0	10.0	10.0	NORMALE
31	181839073649	0.0	10.0	10.0	NORMALE
32	171739075355	0.0	10.0	10.0	NORMALE
33	171739067361	0.0	8.0	8.0	NORMALE
34	181839068980	0.0	10.19	10.19	NORMALE
35	161639072471	0.0	4.0	4.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	0.0	12.0	12.0	NORMALE
38	181839065661	0.0	11.0	11.0	NORMALE
39	181839067068	0.0	10.0	10.0	NORMALE
40	161639075277	0.0	3.0	3.0	NORMALE
41	171739069038	0.0	10.0	10.0	NORMALE
42	171739066304	0.0	0.0	0.0	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	0.0	10.63	10.63	NORMALE
45	171739070779	0.0	4.0	4.0	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	0.0	15.13	15.13	NORMALE
48	211539079159	0.0	11.06	11.06	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	0.0	10.0	10.0	NORMALE
51	201439055911	0.0	4.0	4.0	NORMALE

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: TP Transfert Thermique et Echangeurs de Chaleur / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	0.0	7.0	7.0	NORMALE
2	181839068982	0.0	10.0	10.0	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	0.0	6.0	6.0	NORMALE
6	181839067113	0.0	10.06	10.06	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	0.0	10.44	10.44	NORMALE
9	161631029915	0.0	10.44	10.44	NORMALE
10	181839062881	0.0	11.25	11.25	NORMALE
11	171739069116	0.0	0.0	0.0	NORMALE
12	181839066629	0.0	10.19	10.19	NORMALE
13	181839064789	0.0	10.0	10.0	NORMALE
14	171739075375	0.0	4.0	4.0	NORMALE
15	181839072355	0.0	10.0	10.0	NORMALE
16	181839063232	0.0	10.75	10.75	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	2.0	2.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	0.0	10.0	10.0	NORMALE
21	161639067288	0.0	6.0	6.0	NORMALE
22	171739070795	0.0	9.0	9.0	NORMALE
23	181839064088	0.0	10.75	10.75	NORMALE
24	161639072561	0.0	10.0	10.0	NORMALE
25	181839067603	0.0	10.0	10.0	NORMALE
26	161639069099	0.0	7.0	7.0	NORMALE
27	181839073658	0.0	10.19	10.19	NORMALE
28	181839071974	0.0	10.0	10.0	NORMALE
29	161639082811	0.0	4.94	4.94	NORMALE
30	171739074822	0.0	8.5	8.5	NORMALE
31	181836048869	0.0	10.0	10.0	NORMALE
32	171739071900	0.0	7.0	7.0	NORMALE
33	181839066301	0.0	10.38	10.38	NORMALE
34	19119046664	0.0	10.81	10.81	NORMALE
35	171739067697	0.0	10.0	10.0	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	6.0	6.0	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	0.0	3.0	3.0	NORMALE
40	161639075395	0.0	5.0	5.0	NORMALE
41	171739076306	0.0	3.5	3.5	NORMALE
42	181839070196	0.0	10.0	10.0	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	0.0	10.88	10.88	NORMALE
45	171739069289	0.0	7.0	7.0	NORMALE
46	21099043162	0.0	10.0	10.0	NORMALE
47	211439056999	0.0	10.19	10.19	NORMALE
48	20129045617	0.0	5.0	5.0	NORMALE
49	211539076261	0.0	10.0	10.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 1

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071445	5.0	6.0	5.4	NORMALE
2	181839066555	0.0	0.0	0.0	NORMALE
3	19039051334	5.0	6.5	5.6	NORMALE
4	181839067626	0.0	0.0	0.0	NORMALE
5	181839064874	0.0	2.5	1.0	NORMALE
6	181839069032	5.0	7.0	5.8	NORMALE
7	181839062939	0.0	0.0	0.0	NORMALE
8	181839063233	2.0	4.0	2.8	NORMALE
9	161639053253	0.0	0.0	0.0	NORMALE
10	171739071139	5.0	3.0	4.2	NORMALE
11	171739081052	0.0	0.0	0.0	NORMALE
12	161639075865	2.0	5.0	3.2	NORMALE
13	21119047854	0.0	5.0	2.0	NORMALE
14	181839068453	0.0	5.0	2.0	NORMALE
15	2099924438	10.0	10.0	10.0	NORMALE
16	181839073435	0.0	0.0	0.0	NORMALE
17	171739069590	6.0	8.0	6.8	NORMALE
18	181839067606	4.0	1.5	3.0	NORMALE
19	161639072619	8.0	10.0	8.8	NORMALE
20	21069056594	5.0	6.0	5.4	NORMALE
21	171739072831	5.0	6.0	5.4	NORMALE
22	181839070201	0.0	0.0	0.0	NORMALE
23	171739073516	7.0	10.0	8.2	NORMALE
24	181839073660	1.0	9.0	4.2	NORMALE
25	171739074823	5.0	5.0	5.0	NORMALE
26	181839069464	3.0	10.0	5.8	NORMALE
27	171739064444	2.0	6.5	3.8	NORMALE
28	161639083633	2.0	1.5	1.8	NORMALE
29	161639070123	10.0	10.0	10.0	NORMALE
30	181839066640	8.0	0.5	5.0	NORMALE
31	181839072367	5.0	3.5	4.4	NORMALE
32	181839050744	2.0	11.0	5.6	NORMALE
33	171739067711	0.0	3.0	1.2	NORMALE
34	181839071617	8.0	10.0	8.8	NORMALE
35	181839066324	5.0	10.0	7.0	NORMALE
36	181839065601	2.0	6.0	3.6	NORMALE
37	181839068244	5.0	10.0	7.0	NORMALE
38	181839063259	2.0	2.5	2.2	NORMALE
39	171739065346	4.0	6.5	5.0	NORMALE
40	161639067341	0.0	0.0	0.0	NORMALE
41	171739075960	0.0	0.5	0.2	NORMALE
42	171739070220	8.0	13.0	10.0	NORMALE
43	171739064694	0.0	0.0	0.0	NORMALE
44	181839071167	0.0	1.0	0.4	NORMALE
45	181839067117	5.0	6.0	5.4	NORMALE
46	171739066651	0.0	3.5	1.4	NORMALE
47	171739069165	3.0	7.0	4.6	NORMALE
48	181839072302	0.0	6.0	2.4	NORMALE
49	201539067019	6.0	3.5	5.0	NORMALE
50	19129054134	5.0	5.0	5.0	NORMALE
51	201539076272	1.0	0.5	0.8	NORMALE
52	201439064816	13.0	3.0	9.0	NORMALE
53	21129045350	0.0	3.0	1.2	NORMALE

Signature de l'enseignant:

Le:

Page 71 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 2

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067933	2.0	1.5	1.8	NORMALE
2	21069058130	1.0	1.5	1.2	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	1.0	1.0	1.0	NORMALE
8	181839068462	4.0	6.0	4.8	NORMALE
9	171739071456	5.0	3.0	4.2	NORMALE
10	181839062710	2.0	5.0	3.2	NORMALE
11	161639073148	8.0	4.0	6.4	NORMALE
12	18119048382	2.0	3.5	2.6	NORMALE
13	161639070809	0.0	0.0	0.0	NORMALE
14	181839070292	5.0	4.0	4.6	NORMALE
15	181839066556	5.0	6.5	5.6	NORMALE
16	181839072368	4.0	8.0	5.6	NORMALE
17	171739069630	0.0	0.0	0.0	NORMALE
18	181839073662	5.0	4.0	4.6	NORMALE
19	171739065462	2.0	1.0	1.6	NORMALE
20	171739081103	2.0	9.5	5.0	NORMALE
21	171739064583	0.0	0.0	0.0	NORMALE
22	181839063235	2.0	3.5	2.6	NORMALE
23	171739070519	3.0	1.5	2.4	NORMALE
24	171739074239	0.0	2.5	1.0	NORMALE
25	181839069041	5.0	8.5	6.4	NORMALE
26	161739082350	12.5	15.0	13.5	NORMALE
27	171739071180	2.0	12.5	6.2	NORMALE
28	171739068185	0.0	0.0	0.0	NORMALE
29	171739067103	3.0	3.0	3.0	NORMALE
30	181839073623	5.0	4.5	4.8	NORMALE
31	181839069473	8.0	13.0	10.0	NORMALE
32	181839062954	2.0	1.5	1.8	NORMALE
33	181839065214	8.0	4.0	6.4	NORMALE
34	181839065618	0.0	0.0	0.0	NORMALE
35	181839068257	2.0	0.5	1.4	NORMALE
36	181839071168	3.0	9.0	5.4	NORMALE
37	161639076828	3.0	6.0	4.2	NORMALE
38	181839063268	4.0	1.0	2.8	NORMALE
39	181839066353	5.0	12.5	8.0	NORMALE
40	181839067143	3.0	3.0	3.0	NORMALE
41	171739076008	3.0	6.0	4.2	NORMALE
42	181839072339	3.0	1.0	2.2	NORMALE
43	181839064093	3.0	5.5	4.0	NORMALE
44	171739069177	0.0	0.0	0.0	NORMALE
45	171739072841	4.0	4.0	4.0	NORMALE
46	161639065380	0.0	0.0	0.0	NORMALE
47	211539067649	5.0	10.0	7.0	NORMALE
48	211339031941	2.0	0.5	1.4	NORMALE
49	21109042733	2.0	10.5	5.4	NORMALE
50	211539076295	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 72 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 3

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839066572	4.0	8.5	5.8	NORMALE
2	181839068281	1.0	1.5	1.2	NORMALE
3	181839069477	2.0	0.5	1.4	NORMALE
4	181839072372	3.0	3.5	3.2	NORMALE
5	181839072343	1.0	6.0	3.0	NORMALE
6	181839071899	5.0	8.5	6.4	NORMALE
7	161639073197	3.0	3.5	3.2	NORMALE
8	171739076022	7.0	0.0	4.2	NORMALE
9	181839069046	4.0	8.0	5.6	NORMALE
10	181839071169	2.0	1.0	1.6	NORMALE
11	171739082354	0.0	5.0	2.0	NORMALE
12	171739069202	12.0	13.25	12.5	NORMALE
13	181839066965	1.0	3.0	1.8	NORMALE
14	21079081252	0.0	0.0	0.0	NORMALE
15	181839062730	2.0	11.5	5.8	NORMALE
16	181839064483	5.0	6.5	5.6	NORMALE
17	181839062996	1.0	6.0	3.0	NORMALE
18	171739064622	1.0	6.0	3.0	NORMALE
19	161639070870	12.5	6.25	10.0	NORMALE
20	181839070297	2.0	5.5	3.4	NORMALE
21	171739067104	2.0	3.0	2.4	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	7.0	10.0	8.2	NORMALE
26	181839063238	0.0	0.5	0.2	NORMALE
27	161639065542	1.0	1.0	1.0	NORMALE
28	181839067420	1.0	1.0	1.0	NORMALE
29	171739071468	0.0	0.0	0.0	NORMALE
30	181839068464	1.0	0.5	0.8	NORMALE
31	181839067609	0.0	0.0	0.0	NORMALE
32	181839073663	3.0	0.0	1.8	NORMALE
33	181839073637	2.0	9.0	4.8	NORMALE
34	171739065695	3.0	10.0	5.8	NORMALE
35	181839063269	7.0	2.5	5.2	NORMALE
36	171739051965	1.0	3.5	2.0	NORMALE
37	171739070668	3.0	8.0	5.0	NORMALE
38	171739069670	0.0	0.0	0.0	NORMALE
39	171739071182	3.0	10.0	5.8	NORMALE
40	171739074255	0.0	0.5	0.2	NORMALE
41	181839066358	11.0	13.0	11.8	NORMALE
42	161639067400	6.0	10.0	7.6	NORMALE
43	181839065636	8.0	13.0	10.0	NORMALE
44	181839065397	5.0	4.0	4.6	NORMALE
45	171739072843	5.0	4.0	4.6	NORMALE
46	18129031525	0.0	0.0	0.0	NORMALE
47	211339048051	0.0	3.0	1.2	NORMALE
48	161539076321	7.0	8.0	7.4	NORMALE
49	21109042745	2.0	6.5	3.8	NORMALE
50	181539053219	2.0	10.0	5.2	NORMALE

Signature de l'enseignant:

Le:

Page 73 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / 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	1.0	2.0	1.4	NORMALE
3	171739072855	4.5	3.5	4.1	NORMALE
4	171739070677	0.0	0.0	0.0	NORMALE
5	171739067203	3.0	8.5	5.2	NORMALE
6	171739075170	1.0	7.5	3.6	NORMALE
7	181839069072	3.0	6.5	4.4	NORMALE
8	181839063208	11.0	5.0	8.6	NORMALE
9	171739064733	0.0	0.0	0.0	NORMALE
10	181839066989	0.0	2.5	1.0	NORMALE
11	161639068495	7.0	8.0	7.4	NORMALE
12	181839068812	5.0	12.5	8.0	NORMALE
13	161739082359	10.0	10.0	10.0	NORMALE
14	181839065646	5.0	5.0	5.0	NORMALE
15	161639074250	1.0	10.0	4.6	NORMALE
16	181839073668	0.0	6.5	2.6	NORMALE
17	181839069716	1.0	2.0	1.4	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	2.0	3.5	2.6	NORMALE
22	21119034252	0.0	0.0	0.0	NORMALE
23	161639077474	2.0	5.0	3.2	NORMALE
24	181839064565	2.0	4.0	2.8	NORMALE
25	181539064784	0.0	0.0	0.0	NORMALE
26	181839073643	2.0	9.0	4.8	NORMALE
27	171739071469	2.0	2.0	2.0	NORMALE
28	161639071502	3.0	0.5	2.0	NORMALE
29	181839067480	10.0	13.0	11.2	NORMALE
30	181839072344	1.0	2.5	1.6	NORMALE
31	181839071949	6.0	9.0	7.2	NORMALE
32	171739068595	0.0	0.5	0.2	NORMALE
33	181839071405	2.0	2.0	2.0	NORMALE
34	171739071186	0.0	1.5	0.6	NORMALE
35	171739076048	8.5	10.0	9.1	NORMALE
36	181839063249	4.0	6.5	5.0	NORMALE
37	161639065774	0.0	0.0	0.0	NORMALE
38	181839062744	1.5	12.5	5.9	NORMALE
39	181839063915	0.0	7.0	2.8	NORMALE
40	181839067972	4.0	6.5	5.0	NORMALE
41	21089051619	0.0	0.0	0.0	NORMALE
42	181839066615	1.0	1.5	1.2	NORMALE
43	171739074354	3.0	0.5	2.0	NORMALE
44	181839070302	3.0	2.5	2.8	NORMALE
45	181839065413	3.0	9.0	5.4	NORMALE
46	171739069277	4.0	1.5	3.0	NORMALE
47	171739066074	6.4	6.4	6.4	NORMALE
48	21129036386	6.0	10.0	7.6	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

Signature de l'enseignant:

Le:

Page 74 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 5

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	161639074312	5.0	10.0	7.0	NORMALE
2	161639078520	0.0	10.0	4.0	NORMALE
3	181839067063	12.0	9.0	10.8	NORMALE
4	181839067976	12.0	7.0	10.0	NORMALE
5	181839071455	5.0	3.5	4.4	NORMALE
6	171739064744	0.0	0.0	0.0	NORMALE
7	181839063250	0.0	4.5	1.8	NORMALE
8	181839069073	8.0	13.0	10.0	NORMALE
9	181839064076	4.0	7.5	5.4	NORMALE
10	181839070604	3.0	10.5	6.0	NORMALE
11	161639065861	0.0	0.0	0.0	NORMALE
12	171739073203	0.0	0.0	0.0	NORMALE
13	181839065425	5.0	12.0	7.8	NORMALE
14	181839071969	2.0	11.5	5.8	NORMALE
15	21089053900	0.0	5.5	2.2	NORMALE
16	21119043493	0.0	0.0	0.0	NORMALE
17	20115049759	0.0	0.0	0.0	NORMALE
18	181839064566	3.0	10.0	5.8	NORMALE
19	171739071710	8.0	13.0	10.0	NORMALE
20	181839069765	1.0	0.5	0.8	NORMALE
21	171739070719	2.0	2.5	2.2	NORMALE
22	181839073291	0.0	0.0	0.0	NORMALE
23	181839068425	2.0	9.0	4.8	NORMALE
24	171739074430	0.0	0.0	0.0	NORMALE
25	181839080060	2.0	7.5	4.2	NORMALE
26	181839072345	0.0	0.5	0.2	NORMALE
27	171739071280	6.0	8.5	7.0	NORMALE
28	171739069281	4.0	1.5	3.0	NORMALE
29	171739075278	6.7	6.7	6.7	NORMALE
30	181839067613	0.0	0.0	0.0	NORMALE
31	171739064211	3.0	8.5	5.2	NORMALE
32	181839073647	5.0	8.0	6.2	NORMALE
33	161639069025	1.0	6.75	3.3	NORMALE
34	171739082385	2.0	0.0	1.2	NORMALE
35	181839065657	0.0	0.0	0.0	NORMALE
36	181839062750	4.0	10.0	6.4	NORMALE
37	181539066186	5.0	5.0	5.0	NORMALE
38	181839068854	3.0	6.5	4.4	NORMALE
39	171739066078	6.0	4.5	5.4	NORMALE
40	171739076231	0.0	2.5	1.0	NORMALE
41	181839066504	1.0	1.0	1.0	NORMALE
42	171739070140	2.0	4.0	2.8	NORMALE
43	161539075147	1.0	2.0	1.4	NORMALE
44	171739067356	0.0	5.0	2.0	NORMALE
45	171739068643	0.0	0.0	0.0	NORMALE
46	181839067523	5.0	5.0	5.0	NORMALE
47	181839063225	1.0	1.0	1.0	NORMALE
48	211339057308	5.0	4.0	4.6	NORMALE
49	161539077808	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 75 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 6

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	181839067978	1.0	3.5	2.0	NORMALE
2	171739069284	4.0	1.0	2.8	NORMALE
3	161639078588	4.0	10.75	6.7	NORMALE
4	171739064766	0.0	0.0	0.0	NORMALE
5	181839064572	4.0	10.0	6.4	NORMALE
6	181839062798	5.0	4.5	4.8	NORMALE
7	181839063252	0.0	0.0	0.0	NORMALE
8	181839066622	5.0	2.5	4.0	NORMALE
9	171739071382	6.0	5.0	5.6	NORMALE
10	171739073336	4.0	7.0	5.2	NORMALE
11	181839071973	3.0	11.0	6.2	NORMALE
12	171739064249	2.0	1.5	1.8	NORMALE
13	181839063231	6.0	11.5	8.2	NORMALE
14	21119045401	1.0	6.0	3.0	NORMALE
15	171739074772	3.0	10.0	5.8	NORMALE
16	181839067569	7.0	9.0	7.8	NORMALE
17	171739070194	3.0	1.5	2.4	NORMALE
18	181839068444	6.0	6.5	6.2	NORMALE
19	161639066586	0.0	0.0	0.0	NORMALE
20	181839064085	0.0	2.0	0.8	NORMALE
21	181839067616	0.0	1.0	0.4	NORMALE
22	161639069055	5.0	11.5	7.6	NORMALE
23	181539075199	2.0	10.0	5.2	NORMALE
24	181839065427	0.0	8.5	3.4	NORMALE
25	171739076304	5.0	1.5	3.6	NORMALE
26	181839069074	2.0	2.5	2.2	NORMALE
27	171739071844	4.0	11.0	6.8	NORMALE
28	181839073312	0.0	0.0	0.0	NORMALE
29	181839072347	0.0	0.0	0.0	NORMALE
30	181839071048	4.0	11.5	7.0	NORMALE
31	181839073649	2.0	9.0	4.8	NORMALE
32	171739075355	3.0	1.5	2.4	NORMALE
33	171739067361	13.0	6.0	10.2	NORMALE
34	181839068980	8.0	13.0	10.0	NORMALE
35	161639072471	4.0	4.0	4.0	NORMALE
36	181839071492	0.0	0.0	0.0	NORMALE
37	181839066540	13.0	12.5	12.8	NORMALE
38	181839065661	6.0	4.5	5.4	NORMALE
39	181839067068	2.0	9.5	5.0	NORMALE
40	161639075277	5.0	10.0	7.0	NORMALE
41	171739069038	5.0	6.5	5.6	NORMALE
42	171739066304	2.0	4.0	2.8	NORMALE
43	181839069860	0.0	0.0	0.0	NORMALE
44	18049055164	5.0	10.0	7.0	NORMALE
45	171739070779	3.0	1.0	2.2	NORMALE
46	21099039390	0.0	0.0	0.0	NORMALE
47	181534024010	1.0	3.0	1.8	NORMALE
48	211539079159	8.0	13.0	10.0	NORMALE
49	21129045523	0.0	0.0	0.0	NORMALE
50	211539066888	1.0	2.5	1.6	NORMALE
51	201439055911	5.0	10.5	7.2	NORMALE

Signature de l'enseignant:

Le:

Page 76 sur 77

2021/2022

Filière: génie des procédés
génie chimique

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

Matière: Transfert Thermique et Echangeurs de chaleur / Section A / 7

PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	171739071394	5.0	11.5	7.6	NORMALE
2	181839068982	3.0	1.5	2.4	NORMALE
3	181839071164	0.0	0.0	0.0	NORMALE
4	181839065428	0.0	0.0	0.0	NORMALE
5	171739064285	2.0	1.5	1.8	NORMALE
6	181839067113	2.0	2.5	2.2	NORMALE
7	181839066545	0.0	0.0	0.0	NORMALE
8	181839069401	2.0	6.5	3.8	NORMALE
9	161631029915	4.0	8.5	5.8	NORMALE
10	181839062881	7.0	7.0	7.0	NORMALE
11	171739069116	2.0	1.0	1.6	NORMALE
12	181839066629	0.0	1.5	0.6	NORMALE
13	181839064789	2.0	7.5	4.2	NORMALE
14	171739075375	2.0	10.0	5.2	NORMALE
15	181839072355	2.0	4.0	2.8	NORMALE
16	181839063232	7.0	9.0	7.8	NORMALE
17	181839067617	0.0	0.0	0.0	NORMALE
18	171739066565	0.0	2.5	1.0	NORMALE
19	181839068446	0.0	0.0	0.0	NORMALE
20	181839071551	6.0	7.5	6.6	NORMALE
21	161639067288	7.0	2.0	5.0	NORMALE
22	171739070795	7.5	0.5	4.7	NORMALE
23	181839064088	2.0	1.5	1.8	NORMALE
24	161639072561	0.0	4.0	1.6	NORMALE
25	181839067603	0.0	1.0	0.4	NORMALE
26	161639069099	5.0	12.0	7.8	NORMALE
27	181839073658	4.0	11.5	7.0	NORMALE
28	181839071974	1.0	6.5	3.2	NORMALE
29	161639082811	0.0	0.0	0.0	NORMALE
30	171739074822	5.0	4.5	4.8	NORMALE
31	181836048869	4.0	15.0	8.4	NORMALE
32	171739071900	1.5	10.0	4.9	NORMALE
33	181839066301	5.0	1.0	3.4	NORMALE
34	19119046664	2.0	5.5	3.4	NORMALE
35	171739067697	6.0	7.0	6.4	NORMALE
36	181839063256	0.0	0.0	0.0	NORMALE
37	171739065181	0.0	4.0	1.6	NORMALE
38	181839073390	0.0	0.0	0.0	NORMALE
39	171739070210	2.0	2.5	2.2	NORMALE
40	161639075395	0.0	0.0	0.0	NORMALE
41	171739076306	3.0	5.5	4.0	NORMALE
42	181839070196	6.0	11.5	8.2	NORMALE
43	181539066928	0.0	0.0	0.0	NORMALE
44	21069056584	1.0	0.0	0.6	NORMALE
45	171739069289	2.0	11.5	5.8	NORMALE
46	21099043162	0.0	1.5	0.6	NORMALE
47	211439056999	4.0	12.5	7.4	NORMALE
48	20129045617	0.0	0.0	0.0	NORMALE
49	211539076261	1.0	2.0	1.4	NORMALE

Signature de l'enseignant:

Le:

Page 77 sur 77