



2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau:

Matière: Bilans macroscopiques / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	6.5	16.5	10.5
2	191939065451	18.0	11.5	15.4
3	191939070520	18.0	16.5	17.4
4	171734025470	0.0	0.0	0.0
5	171739068487	4.0	10.0	6.4
6	191939069805	4.0	10.25	6.5
7	191939070104	0.0	9.5	3.8
8	191939068042	11.5	12.5	11.9
9	181839071071	18.0	11.5	15.4
10	191939072180	18.0	12.0	15.6
11	191939063515	19.0	11.5	16.0
12	191939065889	20.0	12.0	16.8
13	191939079563	20.0	12.75	17.1
14	191939073717	20.0	10.5	16.2
15	181839067109	5.5	11.75	8.0
16	181839066998	11.8	11.8	11.8
17	181839067583	12.0	12.0	12.0
18	191939064463	12.5	12.5	12.5
19	191939068916	9.5	12.5	10.7
20	191939068032	6.5	10.25	8.0
21	191939065125	16.0	12.5	14.6
22	191939071806	6.5	13.0	9.1
23	191939067152	8.5	11.75	9.8
24	181839067111	12.8	12.8	12.8
25	181839068355	13.2	13.2	13.2
26	191939066851	8.5	12.5	10.1
27	191939068874	14.5	12.5	13.7
28	191939070476	10.5	16.0	12.7
29	191939067169	5.5	15.75	9.6
30	21059055440	20.0	16.5	18.6
31	16129050197	0.0	0.0	0.0
32	171739070066	0.0	8.25	3.3
33	161639065466	7.1	7.1	7.1
34	181839072976	10.5	11.75	11.0
35	191939063892	20.0	15.5	18.2
36	191939067712	20.0	13.0	17.2
37	171739074439	10.35	10.35	10.35
38	191939072162	10.5	16.5	12.9
39	191939072533	20.0	16.25	18.5
40	191939070441	4.5	10.75	7.0
41	191939070408	16.0	11.75	14.3
42	191939063821	20.0	12.0	16.8
43	191939064692	14.0	12.25	13.3
44	191939069421	12.0	11.5	11.8
45	191939064691	6.5	12.5	8.9
46	191939064693	16.0	19.0	17.2
47	191939065470	20.0	16.25	18.5
48	161639078042	0.0	0.0	0.0
49	16049041319	8.4	8.4	8.4

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Bilans macroscopiques / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	10.9	10.9	10.9
2	191939068885	20.0	15.5	18.2
3	171739074842	15.6	15.6	15.6
4	181839071966	20.0	15.0	18.0
5	191939069376	20.0	17.25	18.9
6	181839069470	16.0	15.5	15.8
7	2102947716	0.0	3.0	1.2
8	21049065336	15.5	14.5	15.1
9	191939068624	0.0	9.5	3.8
10	191939064716	8.5	16.5	11.7
11	191939073710	10.0	12.0	10.8
12	191939065448	18.0	11.5	15.4
13	191939078463	16.0	19.0	17.2
14	171739065585	0.0	0.0	0.0
15	171739064717	0.0	3.0	1.2
16	171739070205	15.6	15.6	15.6
17	181839068343	10.3	10.3	10.3
18	191939065880	5.0	12.0	7.8
19	191939067697	10.5	12.5	11.3
20	191939068395	16.0	13.0	14.8
21	191939068052	7.5	10.25	8.6
22	191939063884	20.0	11.5	16.6
23	171739074264	1.0	8.25	3.9
24	191939065980	11.0	12.75	11.7
25	191939063679	18.0	11.0	15.2
26	191939072040	18.0	16.5	17.4
27	191939063852	11.5	12.5	11.9
28	191939071372	8.5	13.0	10.3
29	181839070592	3.5	11.5	6.7
30	191939073725	15.5	15.5	15.5
31	191939066875	13.5	10.5	12.3
32	191939072523	20.0	11.5	16.6
33	161639068948	10.4	10.4	10.4
34	191939066231	8.0	12.0	9.6
35	191939064349	16.5	10.5	14.1
36	191939069276	12.5	13.0	12.7
37	191939064690	0.0	11.5	4.6
38	191939068911	18.0	15.0	16.8
39	191939067007	12.5	10.75	11.8
40	161539076291	13.6	13.6	13.6
41	191939073716	8.5	12.25	10.0
42	191939064425	20.0	12.0	16.8
43	181839073642	10.5	10.5	10.5
44	181839071981	19.0	10.0	15.4
45	171739064719	0.0	0.0	0.0
46	171739065619	4.0	10.75	6.7
47	191939070514	6.5	11.0	8.3
48	191939069773	20.0	19.0	19.6
49	181839066136	0.0	8.75	3.5

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Bilans macroscopiques / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	8.25	3.3
2	181839064053	10.5	12.5	11.3
3	191939068887	16.0	12.5	14.6
4	161639067395	7.65	7.65	7.65
5	191939068050	7.5	12.75	9.6
6	181839067607	11.0	11.5	11.2
7	161639054593	7.5	8.25	7.8
8	191939067708	8.5	12.5	10.1
9	191939068374	20.0	12.0	16.8
10	191939072539	16.5	11.5	14.5
11	191939064706	12.5	13.0	12.7
12	191939069455	1.0	9.0	4.2
13	191939071745	19.0	16.5	18.0
14	181839064787	8.0	12.5	9.8
15	191939068009	5.5	11.75	8.0
16	191939071374	10.5	11.25	10.8
17	191939070436	10.5	11.75	11.0
18	181839069479	0.0	9.5	3.8
19	191939066739	8.0	10.5	9.0
20	181839066277	8.5	11.25	9.6
21	181839050875	6.5	11.75	8.6
22	191939070525	7.5	11.75	9.2
23	191939064370	6.0	10.75	7.9
24	191939067107	8.0	7.75	7.9
25	191939072168	19.0	13.0	16.6
26	191939067709	14.0	7.0	11.2
27	191939065143	17.0	11.5	14.8
28	191939066920	17.0	16.5	16.8
29	191939072514	20.0	12.75	17.1
30	191939064306	5.5	12.0	8.1
31	191939071782	20.0	16.5	18.6
32	2102947732	6.0	13.0	8.8
33	181839073666	11.5	10.5	11.1
34	181839080048	0.0	7.0	2.8
35	161639071968	0.0	8.0	3.2
36	181839067621	5.0	13.25	8.3
37	181839072353	8.2	8.2	8.2
38	191939066281	13.0	11.25	12.3
39	191939065943	8.5	16.25	11.6
40	191939063823	5.5	9.0	6.9
41	191939069327	12.0	10.5	11.4
42	181839067968	10.8	10.8	10.8
43	191939068893	8.0	11.5	9.4
44	191939073124	20.0	14.0	17.6
45	181839067114	12.2	12.2	12.2
46	191939080079	12.5	13.0	12.7
47	191939070887	20.0	11.25	16.5
48	181839067615	15.0	15.0	15.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Cinétique et Catalyse homogène / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	4.0	0.0	4.0
2	191939065451	3.0	0.0	3.0
3	191939070520	1.0	0.0	1.0
4	171734025470	0.0	0.0	0.0
5	171739068487	14.0	0.0	14.0
6	191939069805	2.0	0.0	2.0
7	191939070104	6.0	0.0	6.0
8	191939068042	11.0	0.0	11.0
9	181839071071	4.0	0.0	4.0
10	191939072180	7.0	0.0	7.0
11	191939063515	7.0	0.0	7.0
12	191939065889	14.0	0.0	14.0
13	191939079563	9.0	0.0	9.0
14	191939073717	11.0	0.0	11.0
15	181839067109	10.0	0.0	10.0
16	181839066998	10.0	0.0	10.0
17	181839067583	11.0	0.0	11.0
18	191939064463	8.0	0.0	8.0
19	191939068916	15.0	0.0	15.0
20	191939068032	8.0	0.0	8.0
21	191939065125	2.0	0.0	2.0
22	191939071806	4.0	0.0	4.0
23	191939067152	8.0	0.0	8.0
24	181839067111	10.0	0.0	10.0
25	181839068355	14.0	0.0	14.0
26	191939066851	4.0	0.0	4.0
27	191939068874	13.0	0.0	13.0
28	191939070476	9.0	0.0	9.0
29	191939067169	8.0	0.0	8.0
30	21059055440	17.0	0.0	17.0
31	16129050197	15.0	0.0	15.0
32	171739070066	0.0	0.0	0.0
33	161639065466	12.0	0.0	12.0
34	181839072976	5.0	0.0	5.0
35	191939063892	3.0	0.0	3.0
36	191939067712	20.0	0.0	20.0
37	171739074439	10.5	0.0	10.5
38	191939072162	6.0	0.0	6.0
39	191939072533	11.0	0.0	11.0
40	191939070441	4.0	0.0	4.0
41	191939070408	3.0	0.0	3.0
42	191939063821	7.0	0.0	7.0
43	191939064692	7.0	0.0	7.0
44	191939069421	3.0	0.0	3.0
45	191939064691	10.0	0.0	10.0
46	191939064693	17.0	0.0	17.0
47	191939065470	17.0	0.0	17.0
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Cinétique et Catalyse homogène / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	14.0	0.0	14.0
2	191939068885	10.0	0.0	10.0
3	171739074842	12.0	0.0	12.0
4	181839071966	8.0	0.0	8.0
5	191939069376	18.0	0.0	18.0
6	181839069470	4.0	0.0	4.0
7	2102947716	0.0	0.0	0.0
8	21049065336	19.5	0.0	19.5
9	191939068624	0.0	0.0	0.0
10	191939064716	6.0	0.0	6.0
11	191939073710	6.0	0.0	6.0
12	191939065448	10.0	0.0	10.0
13	191939078463	16.0	0.0	16.0
14	171739065585	10.0	0.0	10.0
15	171739064717	11.0	0.0	11.0
16	171739070205	11.0	0.0	11.0
17	181839068343	11.0	0.0	11.0
18	191939065880	6.0	0.0	6.0
19	191939067697	4.0	0.0	4.0
20	191939068395	5.0	0.0	5.0
21	191939068052	6.0	0.0	6.0
22	191939063884	5.0	0.0	5.0
23	171739074264	12.0	0.0	12.0
24	191939065980	17.0	0.0	17.0
25	191939063679	10.0	0.0	10.0
26	191939072040	10.0	0.0	10.0
27	191939063852	12.0	0.0	12.0
28	191939071372	8.0	0.0	8.0
29	181839070592	1.0	0.0	1.0
30	191939073725	5.0	0.0	5.0
31	191939066875	3.0	0.0	3.0
32	191939072523	12.0	0.0	12.0
33	161639068948	11.0	0.0	11.0
34	191939066231	9.0	0.0	9.0
35	191939064349	0.0	0.0	0.0
36	191939069276	5.0	0.0	5.0
37	191939064690	0.0	0.0	0.0
38	191939068911	12.0	0.0	12.0
39	191939067007	9.0	0.0	9.0
40	161539076291	3.0	0.0	3.0
41	191939073716	10.0	0.0	10.0
42	191939064425	6.0	0.0	6.0
43	181839073642	11.0	0.0	11.0
44	181839071981	12.0	0.0	12.0
45	171739064719	0.0	0.0	0.0
46	171739065619	14.0	0.0	14.0
47	191939070514	3.0	0.0	3.0
48	191939069773	20.0	0.0	20.0
49	181839066136	14.0	0.0	14.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Cinétique et Catalyse homogène / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	0.0	0.0
2	181839064053	10.0	0.0	10.0
3	191939068887	10.0	0.0	10.0
4	161639067395	10.0	0.0	10.0
5	191939068050	13.0	0.0	13.0
6	181839067607	10.0	0.0	10.0
7	161639054593	12.0	0.0	12.0
8	191939067708	14.0	0.0	14.0
9	191939068374	7.0	0.0	7.0
10	191939072539	7.0	0.0	7.0
11	191939064706	4.0	0.0	4.0
12	191939069455	0.0	0.0	0.0
13	191939071745	7.0	0.0	7.0
14	181839064787	13.0	0.0	13.0
15	191939068009	7.0	0.0	7.0
16	191939071374	3.0	0.0	3.0
17	191939070436	7.0	0.0	7.0
18	181839069479	10.0	0.0	10.0
19	191939066739	3.0	0.0	3.0
20	181839066277	15.0	0.0	15.0
21	181839050875	8.0	0.0	8.0
22	191939070525	10.0	0.0	10.0
23	191939064370	4.0	0.0	4.0
24	191939067107	4.0	0.0	4.0
25	191939072168	12.0	0.0	12.0
26	191939067709	10.0	0.0	10.0
27	191939065143	10.0	0.0	10.0
28	191939066920	19.0	0.0	19.0
29	191939072514	11.0	0.0	11.0
30	191939064306	4.0	0.0	4.0
31	191939071782	17.0	0.0	17.0
32	2102947732	7.0	0.0	7.0
33	181839073666	4.0	0.0	4.0
34	181839080048	0.0	0.0	0.0
35	161639071968	6.0	0.0	6.0
36	181839067621	12.0	0.0	12.0
37	181839072353	3.0	0.0	3.0
38	191939066281	10.0	0.0	10.0
39	191939065943	7.0	0.0	7.0
40	191939063823	3.0	0.0	3.0
41	191939069327	5.0	0.0	5.0
42	181839067968	7.0	0.0	7.0
43	191939068893	8.0	0.0	8.0
44	191939073124	11.0	0.0	11.0
45	181839067114	14.0	0.0	14.0
46	191939080079	3.0	0.0	3.0
47	191939070887	6.0	0.0	6.0
48	181839067615	2.0	0.0	2.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Electrochimie / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	6.0	11.0	8.0
2	191939065451	6.0	11.5	8.2
3	191939070520	8.0	13.5	10.2
4	171734025470	0.0	0.0	0.0
5	171739068487	15.6	15.6	15.6
6	191939069805	6.0	10.5	7.8
7	191939070104	10.0	10.5	10.2
8	191939068042	12.0	12.5	12.2
9	181839071071	11.0	11.5	11.2
10	191939072180	12.0	12.5	12.2
11	191939063515	10.5	11.5	10.9
12	191939065889	17.0	12.5	15.2
13	191939079563	8.0	11.5	9.4
14	191939073717	9.0	12.5	10.4
15	181839067109	10.0	12.5	11.0
16	181839066998	11.2	11.2	11.2
17	181839067583	9.6	9.6	9.6
18	191939064463	8.0	10.5	9.0
19	191939068916	11.0	14.0	12.2
20	191939068032	10.0	13.0	11.2
21	191939065125	8.0	12.0	9.6
22	191939071806	9.0	11.0	9.8
23	191939067152	11.5	12.0	11.7
24	181839067111	10.3	10.3	10.3
25	181839068355	12.1	12.1	12.1
26	191939066851	10.0	11.0	10.4
27	191939068874	12.0	12.5	12.2
28	191939070476	17.0	10.5	14.4
29	191939067169	8.0	12.5	9.8
30	21059055440	14.0	16.0	14.8
31	16129050197	0.0	0.0	0.0
32	171739070066	3.0	12.0	6.6
33	161639065466	14.0	14.0	14.0
34	181839072976	10.5	11.0	10.7
35	191939063892	2.0	10.5	5.4
36	191939067712	14.5	11.0	13.1
37	171739074439	0.0	0.0	0.0
38	191939072162	11.0	11.0	11.0
39	191939072533	10.0	10.5	10.2
40	191939070441	13.5	13.5	13.5
41	191939070408	8.0	11.5	9.4
42	191939063821	13.5	10.5	12.3
43	191939064692	9.0	12.5	10.4
44	191939069421	10.5	10.5	10.5
45	191939064691	10.0	11.0	10.4
46	191939064693	12.0	13.0	12.4
47	191939065470	18.0	16.5	17.4
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Electrochimie / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	0.0	0.0	0.0
2	191939068885	12.0	12.5	12.2
3	171739074842	9.5	10.5	9.9
4	181839071966	14.0	12.5	13.4
5	191939069376	13.5	12.0	12.9
6	181839069470	14.5	12.0	13.5
7	2102947716	0.0	0.0	0.0
8	21049065336	8.0	13.5	10.2
9	191939068624	5.0	10.0	7.0
10	191939064716	9.0	9.0	9.0
11	191939073710	13.0	13.5	13.2
12	191939065448	7.0	11.0	8.6
13	191939078463	7.0	14.0	9.8
14	171739065585	0.0	0.0	0.0
15	171739064717	1.0	8.5	4.0
16	171739070205	9.5	10.5	9.9
17	181839068343	10.4	10.4	10.4
18	191939065880	7.5	13.5	9.9
19	191939067697	6.0	8.5	7.0
20	191939068395	5.0	13.5	8.4
21	191939068052	12.0	10.5	11.4
22	191939063884	8.0	11.0	9.2
23	171739074264	1.0	9.5	4.4
24	191939065980	12.0	11.0	11.6
25	191939063679	8.5	12.0	9.9
26	191939072040	14.0	11.5	13.0
27	191939063852	14.0	14.5	14.2
28	191939071372	12.0	8.5	10.6
29	181839070592	6.0	9.5	7.4
30	191939073725	11.0	13.5	12.0
31	191939066875	11.0	12.0	11.4
32	191939072523	9.5	11.0	10.1
33	161639068948	13.1	13.1	13.1
34	191939066231	5.0	11.5	7.6
35	191939064349	12.0	12.5	12.2
36	191939069276	8.5	9.5	8.9
37	191939064690	0.0	12.0	4.8
38	191939068911	7.0	11.0	8.6
39	191939067007	11.5	15.5	13.1
40	161539076291	10.0	10.0	10.0
41	191939073716	14.0	10.5	12.6
42	191939064425	9.0	11.0	9.8
43	181839073642	10.8	10.8	10.8
44	181839071981	10.5	10.5	10.5
45	171739064719	0.0	0.0	0.0
46	171739065619	8.5	11.5	9.7
47	191939070514	5.0	9.5	6.8
48	191939069773	14.0	10.0	12.4
49	181839066136	14.5	14.5	14.5

Signature de l'enseignant:

Le:



2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Electrochimie / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	10.0	10.0	10.0
2	181839064053	11.5	11.0	11.3
3	191939068887	13.5	13.0	13.3
4	161639067395	12.7	12.7	12.7
5	191939068050	10.5	12.5	11.3
6	181839067607	6.0	14.0	9.2
7	161639054593	11.0	13.5	12.0
8	191939067708	13.0	10.5	12.0
9	191939068374	17.0	15.0	16.2
10	191939072539	10.0	10.5	10.2
11	191939064706	5.0	10.0	7.0
12	191939069455	5.5	3.0	4.5
13	191939071745	11.5	12.5	11.9
14	181839064787	10.0	9.5	9.8
15	191939068009	12.5	13.5	12.9
16	191939071374	7.5	11.0	8.9
17	191939070436	7.0	10.5	8.4
18	181839069479	10.4	10.4	10.4
19	191939066739	7.0	10.5	8.4
20	181839066277	13.0	12.0	12.6
21	181839050875	14.8	14.8	14.8
22	191939070525	10.5	15.5	12.5
23	191939064370	10.0	10.5	10.2
24	191939067107	4.0	9.5	6.2
25	191939072168	11.0	11.5	11.2
26	191939067709	10.0	9.0	9.6
27	191939065143	7.5	9.5	8.3
28	191939066920	14.0	11.5	13.0
29	191939072514	12.5	14.0	13.1
30	191939064306	13.0	12.0	12.6
31	191939071782	14.0	13.5	13.8
32	2102947732	8.5	10.5	9.3
33	181839073666	10.0	12.0	10.8
34	181839080048	4.0	8.0	5.6
35	161639071968	5.5	14.5	9.1
36	181839067621	10.0	10.0	10.0
37	181839072353	10.8	10.8	10.8
38	191939066281	6.0	10.5	7.8
39	191939065943	9.0	11.0	9.8
40	191939063823	5.0	3.5	4.4
41	191939069327	8.5	10.0	9.1
42	181839067968	1.0	8.0	3.8
43	191939068893	8.0	11.5	9.4
44	191939073124	10.0	14.5	11.8
45	181839067114	9.0	11.0	9.8
46	191939080079	9.5	10.5	9.9
47	191939070887	13.0	11.0	12.2
48	181839067615	4.5	9.5	6.5

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Instrumentation-Capteurs / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	6.5	0.0	6.5
2	191939065451	11.0	0.0	11.0
3	191939070520	4.0	0.0	4.0
4	171734025470	0.0	0.0	0.0
5	171739068487	7.5	0.0	7.5
6	191939069805	8.0	0.0	8.0
7	191939070104	4.5	0.0	4.5
8	191939068042	12.5	0.0	12.5
9	181839071071	15.5	0.0	15.5
10	191939072180	15.0	0.0	15.0
11	191939063515	14.5	0.0	14.5
12	191939065889	17.0	0.0	17.0
13	191939079563	11.5	0.0	11.5
14	191939073717	11.0	0.0	11.0
15	181839067109	10.0	0.0	10.0
16	181839066998	9.5	0.0	9.5
17	181839067583	10.5	0.0	10.5
18	191939064463	19.0	0.0	19.0
19	191939068916	10.5	0.0	10.5
20	191939068032	10.5	0.0	10.5
21	191939065125	4.0	0.0	4.0
22	191939071806	7.0	0.0	7.0
23	191939067152	6.5	0.0	6.5
24	181839067111	11.5	0.0	11.5
25	181839068355	10.0	0.0	10.0
26	191939066851	19.0	0.0	19.0
27	191939068874	11.0	0.0	11.0
28	191939070476	4.5	0.0	4.5
29	191939067169	8.0	0.0	8.0
30	21059055440	19.0	0.0	19.0
31	16129050197	0.0	0.0	0.0
32	171739070066	0.0	0.0	0.0
33	161639065466	0.0	0.0	0.0
34	181839072976	5.0	0.0	5.0
35	191939063892	11.5	0.0	11.5
36	191939067712	19.5	0.0	19.5
37	171739074439	12.5	0.0	12.5
38	191939072162	14.0	0.0	14.0
39	191939072533	14.5	0.0	14.5
40	191939070441	10.5	0.0	10.5
41	191939070408	17.0	0.0	17.0
42	191939063821	18.5	0.0	18.5
43	191939064692	17.0	0.0	17.0
44	191939069421	9.0	0.0	9.0
45	191939064691	17.0	0.0	17.0
46	191939064693	16.5	0.0	16.5
47	191939065470	18.0	0.0	18.0
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Instrumentation-Capteurs / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	1.0	0.0	1.0
2	191939068885	15.0	0.0	15.0
3	171739074842	16.0	0.0	16.0
4	181839071966	13.5	0.0	13.5
5	191939069376	19.0	0.0	19.0
6	181839069470	13.0	0.0	13.0
7	2102947716	0.0	0.0	0.0
8	21049065336	15.0	0.0	15.0
9	191939068624	12.0	0.0	12.0
10	191939064716	16.0	0.0	16.0
11	191939073710	12.0	0.0	12.0
12	191939065448	3.0	0.0	3.0
13	191939078463	20.0	0.0	20.0
14	171739065585	0.0	0.0	0.0
15	171739064717	0.0	0.0	0.0
16	171739070205	8.0	0.0	8.0
17	181839068343	11.5	0.0	11.5
18	191939065880	9.5	0.0	9.5
19	191939067697	6.5	0.0	6.5
20	191939068395	3.0	0.0	3.0
21	191939068052	17.0	0.0	17.0
22	191939063884	6.0	0.0	6.0
23	171739074264	5.0	0.0	5.0
24	191939065980	10.0	0.0	10.0
25	191939063679	8.0	0.0	8.0
26	191939072040	17.0	0.0	17.0
27	191939063852	15.0	0.0	15.0
28	191939071372	19.0	0.0	19.0
29	181839070592	9.5	0.0	9.5
30	191939073725	14.0	0.0	14.0
31	191939066875	16.0	0.0	16.0
32	191939072523	13.5	0.0	13.5
33	161639068948	9.5	0.0	9.5
34	191939066231	8.0	0.0	8.0
35	191939064349	6.0	0.0	6.0
36	191939069276	6.0	0.0	6.0
37	191939064690	0.0	0.0	0.0
38	191939068911	16.5	0.0	16.5
39	191939067007	13.0	0.0	13.0
40	161539076291	3.5	0.0	3.5
41	191939073716	6.5	0.0	6.5
42	191939064425	16.0	0.0	16.0
43	181839073642	11.5	0.0	11.5
44	181839071981	13.5	0.0	13.5
45	171739064719	0.0	0.0	0.0
46	171739065619	9.5	0.0	9.5
47	191939070514	3.0	0.0	3.0
48	191939069773	14.0	0.0	14.0
49	181839066136	8.0	0.0	8.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Instrumentation-Capteurs / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	8.0	0.0	8.0
2	181839064053	12.5	0.0	12.5
3	191939068887	14.5	0.0	14.5
4	161639067395	7.0	0.0	7.0
5	191939068050	9.5	0.0	9.5
6	181839067607	11.0	0.0	11.0
7	161639054593	7.5	0.0	7.5
8	191939067708	12.0	0.0	12.0
9	191939068374	17.0	0.0	17.0
10	191939072539	12.0	0.0	12.0
11	191939064706	8.5	0.0	8.5
12	191939069455	5.0	0.0	5.0
13	191939071745	15.0	0.0	15.0
14	181839064787	10.0	0.0	10.0
15	191939068009	15.0	0.0	15.0
16	191939071374	3.0	0.0	3.0
17	191939070436	16.0	0.0	16.0
18	181839069479	4.0	0.0	4.0
19	191939066739	1.0	0.0	1.0
20	181839066277	19.5	0.0	19.5
21	181839050875	7.0	0.0	7.0
22	191939070525	5.0	0.0	5.0
23	191939064370	5.0	0.0	5.0
24	191939067107	6.5	0.0	6.5
25	191939072168	13.0	0.0	13.0
26	191939067709	15.0	0.0	15.0
27	191939065143	6.0	0.0	6.0
28	191939066920	19.0	0.0	19.0
29	191939072514	16.0	0.0	16.0
30	191939064306	1.0	0.0	1.0
31	191939071782	20.0	0.0	20.0
32	2102947732	14.0	0.0	14.0
33	181839073666	10.0	0.0	10.0
34	181839080048	0.0	0.0	0.0
35	161639071968	0.0	0.0	0.0
36	181839067621	7.5	0.0	7.5
37	181839072353	0.0	0.0	0.0
38	191939066281	14.5	0.0	14.5
39	191939065943	6.0	0.0	6.0
40	191939063823	11.5	0.0	11.5
41	191939069327	9.0	0.0	9.0
42	181839067968	7.0	0.0	7.0
43	191939068893	4.5	0.0	4.5
44	191939073124	16.0	0.0	16.0
45	181839067114	12.0	0.0	12.0
46	191939080079	13.5	0.0	13.5
47	191939070887	14.0	0.0	14.0
48	181839067615	11.5	0.0	11.5

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Pollution: Air, eau, sol / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	8.0	0.0	8.0
2	191939065451	9.0	0.0	9.0
3	191939070520	15.0	0.0	15.0
4	171734025470	0.0	0.0	0.0
5	171739068487	10.0	0.0	10.0
6	191939069805	11.0	0.0	11.0
7	191939070104	15.0	0.0	15.0
8	191939068042	15.0	0.0	15.0
9	181839071071	10.0	0.0	10.0
10	191939072180	17.0	0.0	17.0
11	191939063515	12.0	0.0	12.0
12	191939065889	15.0	0.0	15.0
13	191939079563	14.0	0.0	14.0
14	191939073717	12.0	0.0	12.0
15	181839067109	13.0	0.0	13.0
16	181839066998	12.0	0.0	12.0
17	181839067583	10.0	0.0	10.0
18	191939064463	13.0	0.0	13.0
19	191939068916	12.0	0.0	12.0
20	191939068032	12.0	0.0	12.0
21	191939065125	11.0	0.0	11.0
22	191939071806	10.0	0.0	10.0
23	191939067152	11.0	0.0	11.0
24	181839067111	10.0	0.0	10.0
25	181839068355	10.0	0.0	10.0
26	191939066851	15.0	0.0	15.0
27	191939068874	16.0	0.0	16.0
28	191939070476	15.0	0.0	15.0
29	191939067169	9.0	0.0	9.0
30	21059055440	13.0	0.0	13.0
31	16129050197	0.0	0.0	0.0
32	171739070066	3.0	0.0	3.0
33	161639065466	15.0	0.0	15.0
34	181839072976	11.0	0.0	11.0
35	191939063892	5.0	0.0	5.0
36	191939067712	16.0	0.0	16.0
37	171739074439	11.0	0.0	11.0
38	191939072162	20.0	0.0	20.0
39	191939072533	13.0	0.0	13.0
40	191939070441	12.0	0.0	12.0
41	191939070408	16.0	0.0	16.0
42	191939063821	17.0	0.0	17.0
43	191939064692	17.0	0.0	17.0
44	191939069421	12.0	0.0	12.0
45	191939064691	14.0	0.0	14.0
46	191939064693	16.0	0.0	16.0
47	191939065470	18.0	0.0	18.0
48	161639078042	10.0	0.0	10.0
49	16049041319	11.0	0.0	11.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Pollution: Air, eau, sol / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	13.0	0.0	13.0
2	191939068885	17.0	0.0	17.0
3	171739074842	14.0	0.0	14.0
4	181839071966	18.0	0.0	18.0
5	191939069376	18.0	0.0	18.0
6	181839069470	11.0	0.0	11.0
7	2102947716	0.0	0.0	0.0
8	21049065336	10.0	0.0	10.0
9	191939068624	16.0	0.0	16.0
10	191939064716	16.0	0.0	16.0
11	191939073710	12.0	0.0	12.0
12	191939065448	13.0	0.0	13.0
13	191939078463	15.0	0.0	15.0
14	171739065585	0.0	0.0	0.0
15	171739064717	12.0	0.0	12.0
16	171739070205	12.0	0.0	12.0
17	181839068343	10.0	0.0	10.0
18	191939065880	14.0	0.0	14.0
19	191939067697	7.0	0.0	7.0
20	191939068395	12.0	0.0	12.0
21	191939068052	13.0	0.0	13.0
22	191939063884	14.0	0.0	14.0
23	171739074264	10.0	0.0	10.0
24	191939065980	14.0	0.0	14.0
25	191939063679	13.0	0.0	13.0
26	191939072040	11.0	0.0	11.0
27	191939063852	14.0	0.0	14.0
28	191939071372	11.0	0.0	11.0
29	181839070592	18.0	0.0	18.0
30	191939073725	11.0	0.0	11.0
31	191939066875	13.0	0.0	13.0
32	191939072523	17.0	0.0	17.0
33	161639068948	0.0	0.0	0.0
34	191939066231	11.0	0.0	11.0
35	191939064349	12.0	0.0	12.0
36	191939069276	9.0	0.0	9.0
37	191939064690	0.0	0.0	0.0
38	191939068911	14.0	0.0	14.0
39	191939067007	13.0	0.0	13.0
40	161539076291	10.0	0.0	10.0
41	191939073716	15.0	0.0	15.0
42	191939064425	7.0	0.0	7.0
43	181839073642	12.0	0.0	12.0
44	181839071981	12.0	0.0	12.0
45	171739064719	14.0	0.0	14.0
46	171739065619	12.0	0.0	12.0
47	191939070514	17.0	0.0	17.0
48	191939069773	16.0	0.0	16.0
49	181839066136	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Pollution: Air, eau, sol / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	12.0	0.0	12.0
2	181839064053	11.0	0.0	11.0
3	191939068887	19.0	0.0	19.0
4	161639067395	16.0	0.0	16.0
5	191939068050	12.0	0.0	12.0
6	181839067607	17.0	0.0	17.0
7	161639054593	16.0	0.0	16.0
8	191939067708	7.0	0.0	7.0
9	191939068374	15.0	0.0	15.0
10	191939072539	11.0	0.0	11.0
11	191939064706	12.0	0.0	12.0
12	191939069455	7.0	0.0	7.0
13	191939071745	16.0	0.0	16.0
14	181839064787	10.0	0.0	10.0
15	191939068009	12.0	0.0	12.0
16	191939071374	13.0	0.0	13.0
17	191939070436	17.0	0.0	17.0
18	181839069479	12.0	0.0	12.0
19	191939066739	5.0	0.0	5.0
20	181839066277	16.0	0.0	16.0
21	181839050875	10.5	0.0	10.5
22	191939070525	11.0	0.0	11.0
23	191939064370	14.0	0.0	14.0
24	191939067107	10.0	0.0	10.0
25	191939072168	15.0	0.0	15.0
26	191939067709	15.0	0.0	15.0
27	191939065143	13.0	0.0	13.0
28	191939066920	18.0	0.0	18.0
29	191939072514	17.0	0.0	17.0
30	191939064306	6.0	0.0	6.0
31	191939071782	20.0	0.0	20.0
32	2102947732	18.0	0.0	18.0
33	181839073666	8.0	0.0	8.0
34	181839080048	11.0	0.0	11.0
35	161639071968	7.0	0.0	7.0
36	181839067621	14.0	0.0	14.0
37	181839072353	11.0	0.0	11.0
38	191939066281	14.0	0.0	14.0
39	191939065943	15.0	0.0	15.0
40	191939063823	3.0	0.0	3.0
41	191939069327	16.0	0.0	16.0
42	181839067968	10.0	0.0	10.0
43	191939068893	13.0	0.0	13.0
44	191939073124	19.0	0.0	19.0
45	181839067114	10.0	0.0	10.0
46	191939080079	15.0	0.0	15.0
47	191939070887	17.0	0.0	17.0
48	181839067615	12.0	0.0	12.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés agro-alimentaires / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	7.0	0.0	7.0
2	191939065451	15.0	0.0	15.0
3	191939070520	16.0	0.0	16.0
4	171734025470	0.0	0.0	0.0
5	171739068487	14.0	0.0	14.0
6	191939069805	8.0	0.0	8.0
7	191939070104	11.0	0.0	11.0
8	191939068042	14.0	0.0	14.0
9	181839071071	8.0	0.0	8.0
10	191939072180	9.0	0.0	9.0
11	191939063515	14.0	0.0	14.0
12	191939065889	11.0	0.0	11.0
13	191939079563	11.0	0.0	11.0
14	191939073717	9.0	0.0	9.0
15	181839067109	12.0	0.0	12.0
16	181839066998	0.0	0.0	0.0
17	181839067583	0.0	0.0	0.0
18	191939064463	14.0	0.0	14.0
19	191939068916	14.0	0.0	14.0
20	191939068032	12.0	0.0	12.0
21	191939065125	18.0	0.0	18.0
22	191939071806	8.0	0.0	8.0
23	191939067152	18.0	0.0	18.0
24	181839067111	10.0	0.0	10.0
25	181839068355	16.0	0.0	16.0
26	191939066851	11.0	0.0	11.0
27	191939068874	11.0	0.0	11.0
28	191939070476	12.0	0.0	12.0
29	191939067169	6.0	0.0	6.0
30	21059055440	8.0	0.0	8.0
31	16129050197	0.0	0.0	0.0
32	171739070066	10.0	0.0	10.0
33	161639065466	8.0	0.0	8.0
34	181839072976	9.0	0.0	9.0
35	191939063892	4.0	0.0	4.0
36	191939067712	12.0	0.0	12.0
37	171739074439	0.0	0.0	0.0
38	191939072162	16.0	0.0	16.0
39	191939072533	15.0	0.0	15.0
40	191939070441	11.0	0.0	11.0
41	191939070408	12.0	0.0	12.0
42	191939063821	15.0	0.0	15.0
43	191939064692	14.0	0.0	14.0
44	191939069421	7.0	0.0	7.0
45	191939064691	14.0	0.0	14.0
46	191939064693	20.0	0.0	20.0
47	191939065470	17.0	0.0	17.0
48	161639078042	12.0	0.0	12.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:



2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés agro-alimentaires / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	5.0	0.0	5.0
2	191939068885	14.0	0.0	14.0
3	171739074842	12.0	0.0	12.0
4	181839071966	12.0	0.0	12.0
5	191939069376	11.0	0.0	11.0
6	181839069470	9.0	0.0	9.0
7	2102947716	0.0	0.0	0.0
8	21049065336	9.0	0.0	9.0
9	191939068624	14.0	0.0	14.0
10	191939064716	16.0	0.0	16.0
11	191939073710	11.0	0.0	11.0
12	191939065448	18.0	0.0	18.0
13	191939078463	12.0	0.0	12.0
14	171739065585	0.0	0.0	0.0
15	171739064717	12.0	0.0	12.0
16	171739070205	3.0	0.0	3.0
17	181839068343	15.0	0.0	15.0
18	191939065880	10.0	0.0	10.0
19	191939067697	8.0	0.0	8.0
20	191939068395	12.0	0.0	12.0
21	191939068052	10.0	0.0	10.0
22	191939063884	14.0	0.0	14.0
23	171739074264	10.0	0.0	10.0
24	191939065980	14.0	0.0	14.0
25	191939063679	9.0	0.0	9.0
26	191939072040	9.0	0.0	9.0
27	191939063852	14.0	0.0	14.0
28	191939071372	9.0	0.0	9.0
29	181839070592	12.0	0.0	12.0
30	191939073725	7.0	0.0	7.0
31	191939066875	8.0	0.0	8.0
32	191939072523	10.0	0.0	10.0
33	161639068948	0.0	0.0	0.0
34	191939066231	13.0	0.0	13.0
35	191939064349	12.0	0.0	12.0
36	191939069276	8.0	0.0	8.0
37	191939064690	0.0	0.0	0.0
38	191939068911	9.0	0.0	9.0
39	191939067007	9.0	0.0	9.0
40	161539076291	7.0	0.0	7.0
41	191939073716	13.0	0.0	13.0
42	191939064425	7.0	0.0	7.0
43	181839073642	10.0	0.0	10.0
44	181839071981	10.0	0.0	10.0
45	171739064719	0.0	0.0	0.0
46	171739065619	14.0	0.0	14.0
47	191939070514	8.0	0.0	8.0
48	191939069773	11.0	0.0	11.0
49	181839066136	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés agro-alimentaires / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	0.0	0.0
2	181839064053	5.0	0.0	5.0
3	191939068887	14.0	0.0	14.0
4	161639067395	8.0	0.0	8.0
5	191939068050	12.0	0.0	12.0
6	181839067607	13.0	0.0	13.0
7	161639054593	11.0	0.0	11.0
8	191939067708	8.0	0.0	8.0
9	191939068374	16.0	0.0	16.0
10	191939072539	7.0	0.0	7.0
11	191939064706	11.0	0.0	11.0
12	191939069455	5.0	0.0	5.0
13	191939071745	12.0	0.0	12.0
14	181839064787	0.0	0.0	0.0
15	191939068009	11.0	0.0	11.0
16	191939071374	7.0	0.0	7.0
17	191939070436	5.0	0.0	5.0
18	181839069479	10.0	0.0	10.0
19	191939066739	8.0	0.0	8.0
20	181839066277	16.0	0.0	16.0
21	181839050875	5.0	0.0	5.0
22	191939070525	9.0	0.0	9.0
23	191939064370	6.0	0.0	6.0
24	191939067107	5.0	0.0	5.0
25	191939072168	12.0	0.0	12.0
26	191939067709	9.0	0.0	9.0
27	191939065143	11.0	0.0	11.0
28	191939066920	14.0	0.0	14.0
29	191939072514	12.0	0.0	12.0
30	191939064306	9.0	0.0	9.0
31	191939071782	12.0	0.0	12.0
32	2102947732	14.0	0.0	14.0
33	181839073666	8.0	0.0	8.0
34	181839080048	0.0	0.0	0.0
35	161639071968	5.0	0.0	5.0
36	181839067621	10.0	0.0	10.0
37	181839072353	8.0	0.0	8.0
38	191939066281	8.0	0.0	8.0
39	191939065943	6.0	0.0	6.0
40	191939063823	0.0	0.0	0.0
41	191939069327	15.0	0.0	15.0
42	181839067968	10.0	0.0	10.0
43	191939068893	9.0	0.0	9.0
44	191939073124	10.0	0.0	10.0
45	181839067114	12.0	0.0	12.0
46	191939080079	9.0	0.0	9.0
47	191939070887	14.0	0.0	14.0
48	181839067615	1.0	0.0	1.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés Pharmaceutiques / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	2.0	0.0	2.0
2	191939065451	12.0	0.0	12.0
3	191939070520	7.0	0.0	7.0
4	171734025470	0.0	0.0	0.0
5	171739068487	10.0	0.0	10.0
6	191939069805	5.0	0.0	5.0
7	191939070104	4.0	0.0	4.0
8	191939068042	3.0	0.0	3.0
9	181839071071	3.0	0.0	3.0
10	191939072180	6.0	0.0	6.0
11	191939063515	10.0	0.0	10.0
12	191939065889	8.0	0.0	8.0
13	191939079563	4.0	0.0	4.0
14	191939073717	4.0	0.0	4.0
15	181839067109	3.0	0.0	3.0
16	181839066998	0.0	0.0	0.0
17	181839067583	0.0	0.0	0.0
18	191939064463	3.0	0.0	3.0
19	191939068916	4.0	0.0	4.0
20	191939068032	10.0	0.0	10.0
21	191939065125	8.0	0.0	8.0
22	191939071806	3.0	0.0	3.0
23	191939067152	8.0	0.0	8.0
24	181839067111	3.0	0.0	3.0
25	181839068355	4.0	0.0	4.0
26	191939066851	8.0	0.0	8.0
27	191939068874	3.0	0.0	3.0
28	191939070476	5.0	0.0	5.0
29	191939067169	3.0	0.0	3.0
30	21059055440	10.0	0.0	10.0
31	16129050197	0.0	0.0	0.0
32	171739070066	0.0	0.0	0.0
33	161639065466	13.25	0.0	13.25
34	181839072976	2.0	0.0	2.0
35	191939063892	2.0	0.0	2.0
36	191939067712	13.5	0.0	13.5
37	171739074439	0.0	0.0	0.0
38	191939072162	5.0	0.0	5.0
39	191939072533	5.0	0.0	5.0
40	191939070441	2.5	0.0	2.5
41	191939070408	15.0	0.0	15.0
42	191939063821	2.0	0.0	2.0
43	191939064692	2.0	0.0	2.0
44	191939069421	3.0	0.0	3.0
45	191939064691	2.0	0.0	2.0
46	191939064693	19.0	0.0	19.0
47	191939065470	8.5	0.0	8.5
48	161639078042	0.0	0.0	0.0
49	16049041319	10.0	0.0	10.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés Pharmaceutiques / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	10.0	0.0	10.0
2	191939068885	5.0	0.0	5.0
3	171739074842	3.0	0.0	3.0
4	181839071966	7.0	0.0	7.0
5	191939069376	18.5	0.0	18.5
6	181839069470	7.0	0.0	7.0
7	2102947716	0.0	0.0	0.0
8	21049065336	4.0	0.0	4.0
9	191939068624	1.0	0.0	1.0
10	191939064716	3.5	0.0	3.5
11	191939073710	5.0	0.0	5.0
12	191939065448	10.0	0.0	10.0
13	191939078463	15.0	0.0	15.0
14	171739065585	0.0	0.0	0.0
15	171739064717	0.0	0.0	0.0
16	171739070205	1.0	0.0	1.0
17	181839068343	4.0	0.0	4.0
18	191939065880	7.0	0.0	7.0
19	191939067697	3.0	0.0	3.0
20	191939068395	6.0	0.0	6.0
21	191939068052	3.0	0.0	3.0
22	191939063884	4.0	0.0	4.0
23	171739074264	1.0	0.0	1.0
24	191939065980	5.0	0.0	5.0
25	191939063679	3.0	0.0	3.0
26	191939072040	5.0	0.0	5.0
27	191939063852	4.0	0.0	4.0
28	191939071372	7.5	0.0	7.5
29	181839070592	3.0	0.0	3.0
30	191939073725	5.0	0.0	5.0
31	191939066875	8.0	0.0	8.0
32	191939072523	8.0	0.0	8.0
33	161639068948	0.0	0.0	0.0
34	191939066231	3.0	0.0	3.0
35	191939064349	2.0	0.0	2.0
36	191939069276	2.0	0.0	2.0
37	191939064690	0.0	0.0	0.0
38	191939068911	3.0	0.0	3.0
39	191939067007	3.0	0.0	3.0
40	161539076291	3.0	0.0	3.0
41	191939073716	3.0	0.0	3.0
42	191939064425	4.0	0.0	4.0
43	181839073642	2.0	0.0	2.0
44	181839071981	4.0	0.0	4.0
45	171739064719	0.0	0.0	0.0
46	171739065619	8.0	0.0	8.0
47	191939070514	6.0	0.0	6.0
48	191939069773	12.0	0.0	12.0
49	181839066136	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Procédés Pharmaceutiques / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	0.0	0.0
2	181839064053	5.0	0.0	5.0
3	191939068887	6.0	0.0	6.0
4	161639067395	3.0	0.0	3.0
5	191939068050	5.0	0.0	5.0
6	181839067607	3.0	0.0	3.0
7	161639054593	5.0	0.0	5.0
8	191939067708	2.0	0.0	2.0
9	191939068374	3.0	0.0	3.0
10	191939072539	6.0	0.0	6.0
11	191939064706	13.0	0.0	13.0
12	191939069455	2.0	0.0	2.0
13	191939071745	12.0	0.0	12.0
14	181839064787	5.0	0.0	5.0
15	191939068009	5.0	0.0	5.0
16	191939071374	1.0	0.0	1.0
17	191939070436	3.0	0.0	3.0
18	181839069479	5.0	0.0	5.0
19	191939066739	4.0	0.0	4.0
20	181839066277	3.0	0.0	3.0
21	181839050875	11.0	0.0	11.0
22	191939070525	6.0	0.0	6.0
23	191939064370	3.0	0.0	3.0
24	191939067107	8.0	0.0	8.0
25	191939072168	5.0	0.0	5.0
26	191939067709	12.0	0.0	12.0
27	191939065143	10.0	0.0	10.0
28	191939066920	13.5	0.0	13.5
29	191939072514	7.0	0.0	7.0
30	191939064306	12.0	0.0	12.0
31	191939071782	6.0	0.0	6.0
32	2102947732	5.0	0.0	5.0
33	181839073666	4.0	0.0	4.0
34	181839080048	0.0	0.0	0.0
35	161639071968	0.0	0.0	0.0
36	181839067621	3.0	0.0	3.0
37	181839072353	2.0	0.0	2.0
38	191939066281	3.0	0.0	3.0
39	191939065943	4.0	0.0	4.0
40	191939063823	10.0	0.0	10.0
41	191939069327	4.0	0.0	4.0
42	181839067968	3.0	0.0	3.0
43	191939068893	4.0	0.0	4.0
44	191939073124	4.0	0.0	4.0
45	181839067114	14.0	0.0	14.0
46	191939080079	8.0	0.0	8.0
47	191939070887	5.0	0.0	5.0
48	181839067615	3.0	0.0	3.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Technique d'analyse / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	3.0	12.67	6.87
2	191939065451	2.5	15.33	7.63
3	191939070520	4.5	16.0	9.1
4	171734025470	0.0	0.0	0.0
5	171739068487	5.5	13.0	8.5
6	191939069805	3.5	17.0	8.9
7	191939070104	5.0	12.33	7.93
8	191939068042	7.0	16.0	10.6
9	181839071071	7.0	13.17	9.47
10	191939072180	4.5	17.0	9.5
11	191939063515	7.5	13.17	9.77
12	191939065889	7.0	15.33	10.33
13	191939079563	7.0	17.0	11.0
14	191939073717	7.5	15.67	10.77
15	181839067109	5.0	13.33	8.33
16	181839066998	9.5	9.5	9.5
17	181839067583	10.3	10.3	10.3
18	191939064463	5.0	14.0	8.6
19	191939068916	4.5	16.0	9.1
20	191939068032	7.0	5.0	6.2
21	191939065125	4.5	15.0	8.7
22	191939071806	10.5	13.33	11.63
23	191939067152	10.0	13.0	11.2
24	181839067111	9.8	9.8	9.8
25	181839068355	5.0	15.67	9.27
26	191939066851	5.0	13.0	8.2
27	191939068874	7.5	13.17	9.77
28	191939070476	0.0	17.0	6.8
29	191939067169	5.5	13.67	8.77
30	21059055440	11.5	14.33	12.63
31	16129050197	0.0	0.0	0.0
32	171739070066	2.0	4.0	2.8
33	161639065466	11.3	11.3	11.3
34	181839072976	6.5	15.67	10.17
35	191939063892	6.0	13.33	8.93
36	191939067712	9.0	13.0	10.6
37	171739074439	10.13	10.13	10.13
38	191939072162	7.0	17.0	11.0
39	191939072533	8.5	13.17	10.37
40	191939070441	3.5	12.33	7.03
41	191939070408	9.0	12.33	10.33
42	191939063821	4.5	13.67	8.17
43	191939064692	4.0	16.0	8.8
44	191939069421	6.0	12.33	8.53
45	191939064691	5.5	15.67	9.57
46	191939064693	8.5	15.33	11.23
47	191939065470	9.0	13.67	10.87
48	161639078042	0.0	0.0	0.0
49	16049041319	14.0	14.0	14.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Technique d'analyse / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	7.77	7.77	7.77
2	191939068885	5.5	15.0	9.3
3	171739074842	10.2	10.2	10.2
4	181839071966	13.0	16.0	14.2
5	191939069376	15.5	13.67	14.77
6	181839069470	5.0	16.0	9.4
7	2102947716	0.0	0.0	0.0
8	21049065336	7.0	16.17	10.67
9	191939068624	2.0	13.17	6.47
10	191939064716	4.5	16.17	9.17
11	191939073710	6.0	15.33	9.73
12	191939065448	4.5	15.67	8.97
13	191939078463	8.0	15.33	10.93
14	171739065585	0.0	3.67	1.47
15	171739064717	0.0	0.0	0.0
16	171739070205	3.0	3.0	3.0
17	181839068343	9.6	9.6	9.6
18	191939065880	3.0	13.83	7.33
19	191939067697	6.0	11.83	8.33
20	191939068395	3.5	11.67	6.77
21	191939068052	4.5	12.67	7.77
22	191939063884	3.5	13.17	7.37
23	171739074264	10.2	10.2	10.2
24	191939065980	5.5	14.5	9.1
25	191939063679	7.0	13.83	9.73
26	191939072040	6.5	16.0	10.3
27	191939063852	11.0	17.83	13.73
28	191939071372	4.0	14.5	8.2
29	181839070592	6.0	15.5	9.8
30	191939073725	7.5	12.67	9.57
31	191939066875	7.5	12.67	9.57
32	191939072523	7.5	12.67	9.57
33	161639068948	9.01	9.01	9.01
34	191939066231	5.0	12.67	8.07
35	191939064349	0.0	13.83	5.53
36	191939069276	5.5	13.33	8.63
37	191939064690	0.0	12.33	4.93
38	191939068911	4.5	11.67	7.37
39	191939067007	9.5	11.67	10.37
40	161539076291	7.07	7.07	7.07
41	191939073716	3.5	11.67	6.77
42	191939064425	4.5	13.17	7.97
43	181839073642	3.5	8.0	5.3
44	181839071981	7.0	0.0	4.2
45	171739064719	0.0	0.0	0.0
46	171739065619	4.5	13.33	8.03
47	191939070514	3.5	16.0	8.5
48	191939069773	11.5	14.5	12.7
49	181839066136	10.5	10.5	10.5

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Technique d'analyse / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	3.5	0.0	2.1
2	181839064053	6.5	16.33	10.43
3	191939068887	8.5	12.83	10.23
4	161639067395	8.96	8.96	8.96
5	191939068050	6.5	17.0	10.7
6	181839067607	9.0	15.0	11.4
7	161639054593	7.5	15.67	10.77
8	191939067708	7.0	14.0	9.8
9	191939068374	12.5	12.83	12.63
10	191939072539	8.5	15.67	11.37
11	191939064706	6.0	16.17	10.07
12	191939069455	7.5	9.33	8.23
13	191939071745	8.0	16.17	11.27
14	181839064787	10.2	10.2	10.2
15	191939068009	8.0	15.0	10.8
16	191939071374	8.0	12.83	9.93
17	191939070436	6.0	17.33	10.53
18	181839069479	3.0	13.67	7.27
19	191939066739	2.5	15.67	7.77
20	181839066277	11.0	14.5	12.4
21	181839050875	8.5	13.33	10.43
22	191939070525	4.5	17.33	9.63
23	191939064370	4.5	12.82	7.83
24	191939067107	5.5	13.0	8.5
25	191939072168	10.0	16.17	12.47
26	191939067709	11.5	13.0	12.1
27	191939065143	6.5	12.83	9.03
28	191939066920	14.0	14.5	14.2
29	191939072514	12.5	14.0	13.1
30	191939064306	5.5	14.0	8.9
31	191939071782	13.0	17.83	14.93
32	2102947732	6.5	16.17	10.37
33	181839073666	8.0	15.67	11.07
34	181839080048	2.0	14.0	6.8
35	161639071968	4.5	15.0	8.7
36	181839067621	5.0	0.0	3.0
37	181839072353	11.5	11.5	11.5
38	191939066281	6.5	14.5	9.7
39	191939065943	4.0	12.83	7.53
40	191939063823	5.0	8.83	6.53
41	191939069327	7.0	16.17	10.67
42	181839067968	9.6	9.6	9.6
43	191939068893	6.0	14.0	9.2
44	191939073124	9.0	17.33	12.33
45	181839067114	7.9	7.9	7.9
46	191939080079	11.5	14.33	12.63
47	191939070887	5.5	16.17	9.77
48	181839067615	7.8	7.8	7.8

Signature de l'enseignant:

Le:



2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: TP Chimie Physique 1 et Génie Chimique / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	0.0	14.5	14.5
2	191939065451	0.0	13.25	13.25
3	191939070520	0.0	10.0	10.0
4	171734025470	0.0	0.0	0.0
5	171739068487	0.0	11.75	11.75
6	191939069805	0.0	12.5	12.5
7	191939070104	0.0	10.0	10.0
8	191939068042	0.0	13.5	13.5
9	181839071071	0.0	13.0	13.0
10	191939072180	0.0	12.5	12.5
11	191939063515	0.0	13.0	13.0
12	191939065889	0.0	14.0	14.0
13	191939079563	0.0	13.5	13.5
14	191939073717	0.0	13.5	13.5
15	181839067109	0.0	11.5	11.5
16	181839066998	0.0	13.0	13.0
17	181839067583	0.0	11.0	11.0
18	191939064463	0.0	14.5	14.5
19	191939068916	0.0	12.25	12.25
20	191939068032	0.0	13.5	13.5
21	191939065125	0.0	12.25	12.25
22	191939071806	0.0	13.25	13.25
23	191939067152	0.0	14.0	14.0
24	181839067111	0.0	11.0	11.0
25	181839068355	0.0	14.0	14.0
26	191939066851	0.0	14.0	14.0
27	191939068874	0.0	13.0	13.0
28	191939070476	0.0	12.5	12.5
29	191939067169	0.0	14.75	14.75
30	21059055440	0.0	14.5	14.5
31	16129050197	0.0	15.25	15.25
32	171739070066	0.0	13.0	13.0
33	161639065466	0.0	16.75	16.75
34	181839072976	0.0	12.25	12.25
35	191939063892	0.0	14.5	14.5
36	191939067712	0.0	14.0	14.0
37	171739074439	0.0	15.0	15.0
38	191939072162	0.0	12.5	12.5
39	191939072533	0.0	13.0	13.0
40	191939070441	0.0	10.0	10.0
41	191939070408	0.0	10.0	10.0
42	191939063821	0.0	14.75	14.75
43	191939064692	0.0	13.5	13.5
44	191939069421	0.0	13.5	13.5
45	191939064691	0.0	13.5	13.5
46	191939064693	0.0	13.25	13.25
47	191939065470	0.0	14.75	14.75
48	161639078042	0.0	13.0	13.0
49	16049041319	0.0	17.0	17.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: TP Chimie Physique 1 et Génie Chimique / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	0.0	13.67	13.67
2	191939068885	0.0	14.25	14.25
3	171739074842	0.0	12.0	12.0
4	181839071966	0.0	14.0	14.0
5	191939069376	0.0	14.0	14.0
6	181839069470	0.0	14.0	14.0
7	2102947716	0.0	0.0	0.0
8	21049065336	0.0	13.75	13.75
9	191939068624	0.0	12.25	12.25
10	191939064716	0.0	14.5	14.5
11	191939073710	0.0	14.25	14.25
12	191939065448	0.0	14.0	14.0
13	191939078463	0.0	14.0	14.0
14	171739065585	0.0	15.5	15.5
15	171739064717	0.0	11.75	11.75
16	171739070205	0.0	17.0	17.0
17	181839068343	0.0	11.0	11.0
18	191939065880	0.0	14.25	14.25
19	191939067697	0.0	14.25	14.25
20	191939068395	0.0	13.5	13.5
21	191939068052	0.0	14.25	14.25
22	191939063884	0.0	12.75	12.75
23	171739074264	0.0	11.0	11.0
24	191939065980	0.0	14.5	14.5
25	191939063679	0.0	14.25	14.25
26	191939072040	0.0	14.0	14.0
27	191939063852	0.0	14.5	14.5
28	191939071372	0.0	14.5	14.5
29	181839070592	0.0	14.0	14.0
30	191939073725	0.0	14.25	14.25
31	191939066875	0.0	13.5	13.5
32	191939072523	0.0	14.25	14.25
33	161639068948	0.0	15.0	15.0
34	191939066231	0.0	13.5	13.5
35	191939064349	0.0	14.0	14.0
36	191939069276	0.0	14.0	14.0
37	191939064690	0.0	14.0	14.0
38	191939068911	0.0	12.75	12.75
39	191939067007	0.0	12.75	12.75
40	161539076291	0.0	14.83	14.83
41	191939073716	0.0	12.75	12.75
42	191939064425	0.0	12.75	12.75
43	181839073642	0.0	11.5	11.5
44	181839071981	0.0	14.0	14.0
45	171739064719	0.0	15.0	15.0
46	171739065619	0.0	16.67	16.67
47	191939070514	0.0	14.0	14.0
48	191939069773	0.0	14.5	14.5
49	181839066136	0.0	13.0	13.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: TP Chimie Physique 1 et Génie Chimique / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	13.0	13.0
2	181839064053	0.0	14.25	14.25
3	191939068887	0.0	14.0	14.0
4	161639067395	0.0	17.5	17.5
5	191939068050	0.0	14.25	14.25
6	181839067607	0.0	12.75	12.75
7	161639054593	0.0	13.0	13.0
8	191939067708	0.0	14.5	14.5
9	191939068374	0.0	13.0	13.0
10	191939072539	0.0	13.0	13.0
11	191939064706	0.0	14.75	14.75
12	191939069455	0.0	13.25	13.25
13	191939071745	0.0	14.75	14.75
14	181839064787	0.0	15.5	15.5
15	191939068009	0.0	0.0	0.0
16	191939071374	0.0	13.25	13.25
17	191939070436	0.0	14.37	14.37
18	181839069479	0.0	10.5	10.5
19	191939066739	0.0	12.75	12.75
20	181839066277	0.0	14.0	14.0
21	181839050875	0.0	15.0	15.0
22	191939070525	0.0	14.37	14.37
23	191939064370	0.0	13.25	13.25
24	191939067107	0.0	0.0	0.0
25	191939072168	0.0	13.75	13.75
26	191939067709	0.0	0.0	0.0
27	191939065143	0.0	14.25	14.25
28	191939066920	0.0	14.0	14.0
29	191939072514	0.0	14.5	14.5
30	191939064306	0.0	14.5	14.5
31	191939071782	0.0	14.25	14.25
32	2102947732	0.0	14.75	14.75
33	181839073666	0.0	13.25	13.25
34	181839080048	0.0	10.0	10.0
35	161639071968	0.0	12.5	12.5
36	181839067621	0.0	10.5	10.5
37	181839072353	0.0	14.5	14.5
38	191939066281	0.0	14.0	14.0
39	191939065943	0.0	14.25	14.25
40	191939063823	0.0	12.75	12.75
41	191939069327	0.0	10.0	10.0
42	181839067968	0.0	14.0	14.0
43	191939068893	0.0	14.5	14.5
44	191939073124	0.0	14.37	14.37
45	181839067114	0.0	14.0	14.0
46	191939080079	0.0	12.75	12.75
47	191939070887	0.0	13.75	13.75
48	181839067615	0.0	10.5	10.5

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Chaleur / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	5.0	13.4	8.36
2	191939065451	5.0	13.5	8.4
3	191939070520	8.0	13.1	10.04
4	171734025470	0.0	0.0	0.0
5	171739068487	3.0	15.2	7.88
6	191939069805	6.0	11.7	8.28
7	191939070104	5.0	11.2	7.48
8	191939068042	5.0	9.2	6.68
9	181839071071	7.0	13.1	9.44
10	191939072180	6.0	12.5	8.6
11	191939063515	7.0	12.2	9.08
12	191939065889	17.0	14.3	15.92
13	191939079563	4.0	15.5	8.6
14	191939073717	8.0	12.5	9.8
15	181839067109	5.0	15.9	9.36
16	181839066998	3.0	1.6	2.44
17	181839067583	0.0	1.6	0.64
18	191939064463	5.0	16.4	9.56
19	191939068916	6.0	12.5	8.6
20	191939068032	0.0	11.7	4.68
21	191939065125	6.0	13.6	9.04
22	191939071806	6.0	5.2	5.68
23	191939067152	3.0	13.7	7.28
24	181839067111	6.0	12.9	8.76
25	181839068355	5.0	13.4	8.36
26	191939066851	7.0	15.2	10.28
27	191939068874	9.0	14.3	11.12
28	191939070476	4.5	11.7	7.38
29	191939067169	5.0	14.8	8.92
30	21059055440	17.5	16.6	17.14
31	16129050197	0.0	5.0	2.0
32	171739070066	0.0	6.0	2.4
33	161639065466	3.0	13.6	7.24
34	181839072976	6.5	10.5	8.1
35	191939063892	3.0	1.2	2.28
36	191939067712	3.0	16.6	8.44
37	171739074439	0.0	0.0	0.0
38	191939072162	6.0	12.3	8.52
39	191939072533	0.0	13.7	5.48
40	191939070441	5.0	11.9	7.76
41	191939070408	4.0	13.1	7.64
42	191939063821	7.0	10.4	8.36
43	191939064692	3.0	11.7	6.48
44	191939069421	4.5	12.5	7.7
45	191939064691	5.0	11.7	7.68
46	191939064693	7.5	10.6	8.74
47	191939065470	17.0	16.5	16.8
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Chaleur / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	0.0	0.0	0.0
2	191939068885	7.0	11.0	8.6
3	171739074842	7.5	7.4	7.46
4	181839071966	17.0	16.4	16.76
5	191939069376	18.0	20.0	18.8
6	181839069470	5.0	12.3	7.92
7	2102947716	0.0	0.0	0.0
8	21049065336	6.0	15.2	9.68
9	191939068624	4.0	16.3	8.92
10	191939064716	5.0	12.5	8.0
11	191939073710	6.0	12.5	8.6
12	191939065448	3.0	12.9	6.96
13	191939078463	13.0	18.3	15.12
14	171739065585	0.0	1.0	0.4
15	171739064717	0.0	0.0	0.0
16	171739070205	3.0	6.1	4.24
17	181839068343	4.0	3.6	3.84
18	191939065880	6.0	12.5	8.6
19	191939067697	5.0	9.3	6.72
20	191939068395	6.0	9.7	7.48
21	191939068052	6.0	9.7	7.48
22	191939063884	6.0	18.5	11.0
23	171739074264	5.0	12.3	7.92
24	191939065980	7.0	11.7	8.88
25	191939063679	6.0	11.0	8.0
26	191939072040	7.0	14.9	10.16
27	191939063852	8.0	17.3	11.72
28	191939071372	5.0	12.5	8.0
29	181839070592	0.0	10.0	4.0
30	191939073725	6.0	10.9	7.96
31	191939066875	5.0	14.1	8.64
32	191939072523	8.0	12.1	9.64
33	161639068948	0.0	0.0	0.0
34	191939066231	6.0	13.7	9.08
35	191939064349	8.0	15.6	11.04
36	191939069276	5.0	9.4	6.76
37	191939064690	0.0	9.2	3.68
38	191939068911	4.0	15.3	8.52
39	191939067007	6.0	14.6	9.44
40	161539076291	4.0	12.5	7.4
41	191939073716	5.0	19.2	10.68
42	191939064425	5.0	16.8	9.72
43	181839073642	5.0	10.9	7.36
44	181839071981	5.0	13.4	8.36
45	171739064719	0.0	0.0	0.0
46	171739065619	7.0	13.4	9.56
47	191939070514	5.0	12.9	8.16
48	191939069773	10.0	13.1	11.24
49	181839066136	0.0	4.8	1.92

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Chaleur / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	10.0	10.0	10.0
2	181839064053	6.0	14.6	9.44
3	191939068887	8.0	14.9	10.76
4	161639067395	6.0	10.1	7.64
5	191939068050	4.0	14.6	8.24
6	181839067607	4.0	16.7	9.08
7	161639054593	8.0	15.0	10.8
8	191939067708	6.0	14.1	9.24
9	191939068374	5.0	17.0	9.8
10	191939072539	6.0	16.7	10.28
11	191939064706	0.0	13.1	5.24
12	191939069455	3.0	12.2	6.68
13	191939071745	8.0	15.9	11.16
14	181839064787	5.0	15.9	9.36
15	191939068009	5.0	16.1	9.44
16	191939071374	3.0	15.9	8.16
17	191939070436	6.0	11.0	8.0
18	181839069479	3.0	7.6	4.84
19	191939066739	6.0	13.2	8.88
20	181839066277	7.0	16.0	10.6
21	181839050875	6.0	15.2	9.68
22	191939070525	6.0	16.1	10.04
23	191939064370	5.0	17.2	9.88
24	191939067107	6.0	13.6	9.04
25	191939072168	6.0	15.5	9.8
26	191939067709	6.0	15.3	9.72
27	191939065143	6.0	14.4	9.36
28	191939066920	16.0	16.0	16.0
29	191939072514	7.0	16.8	10.92
30	191939064306	6.0	12.0	8.4
31	191939071782	10.0	16.0	12.4
32	2102947732	3.0	15.5	8.0
33	181839073666	9.0	14.6	11.24
34	181839080048	0.0	0.0	0.0
35	161639071968	3.0	10.4	5.96
36	181839067621	5.0	13.4	8.36
37	181839072353	6.0	15.1	9.64
38	191939066281	5.0	14.0	8.6
39	191939065943	4.0	13.4	7.76
40	191939063823	3.0	2.4	2.76
41	191939069327	4.0	13.9	7.96
42	181839067968	6.0	14.4	9.36
43	191939068893	7.0	12.8	9.32
44	191939073124	5.0	17.2	9.88
45	181839067114	5.0	15.6	9.24
46	191939080079	6.0	18.2	10.88
47	191939070887	6.0	12.0	8.4
48	181839067615	5.0	12.2	7.88

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Matière / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	4.0	9.0	6.0
2	191939065451	0.25	8.75	3.65
3	191939070520	5.5	11.5	7.9
4	171734025470	0.0	0.0	0.0
5	171739068487	1.0	8.0	3.8
6	191939069805	0.25	9.5	3.95
7	191939070104	1.5	9.0	4.5
8	191939068042	3.0	12.5	6.8
9	181839071071	4.0	8.75	5.9
10	191939072180	0.0	9.5	3.8
11	191939063515	3.0	11.0	6.2
12	191939065889	13.0	11.5	12.4
13	191939079563	5.0	10.0	7.0
14	191939073717	5.0	10.0	7.0
15	181839067109	0.5	8.0	3.5
16	181839066998	2.5	5.75	3.8
17	181839067583	0.0	0.0	0.0
18	191939064463	4.5	8.75	6.2
19	191939068916	4.5	10.5	6.9
20	191939068032	9.5	7.75	8.8
21	191939065125	1.5	8.5	4.3
22	191939071806	2.0	9.0	4.8
23	191939067152	5.0	10.0	7.0
24	181839067111	1.5	9.0	4.5
25	181839068355	5.0	9.0	6.6
26	191939066851	5.0	9.5	6.8
27	191939068874	11.0	11.0	11.0
28	191939070476	0.5	10.5	4.5
29	191939067169	0.5	10.0	4.3
30	21059055440	16.0	10.75	13.9
31	16129050197	0.0	7.0	2.8
32	171739070066	0.0	5.75	2.3
33	161639065466	0.0	6.25	2.5
34	181839072976	11.0	11.0	11.0
35	191939063892	0.5	6.5	2.9
36	191939067712	11.0	11.0	11.0
37	171739074439	0.0	0.0	0.0
38	191939072162	6.0	9.75	7.5
39	191939072533	6.5	10.0	7.9
40	191939070441	2.0	10.5	5.4
41	191939070408	3.0	9.0	5.4
42	191939063821	7.5	9.5	8.3
43	191939064692	8.0	10.0	8.8
44	191939069421	1.5	9.0	4.5
45	191939064691	1.5	10.5	5.1
46	191939064693	17.5	11.5	15.1
47	191939065470	6.0	10.5	7.8
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Matière / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	0.25	0.0	0.15
2	191939068885	10.5	8.5	9.7
3	171739074842	4.5	9.0	6.3
4	181839071966	16.5	17.0	16.7
5	191939069376	14.0	17.0	15.2
6	181839069470	7.0	11.0	8.6
7	2102947716	0.0	0.0	0.0
8	21049065336	10.0	10.5	10.2
9	191939068624	0.0	7.5	3.0
10	191939064716	4.5	8.75	6.2
11	191939073710	7.5	11.0	8.9
12	191939065448	0.25	9.0	3.75
13	191939078463	16.5	12.0	14.7
14	171739065585	0.0	0.0	0.0
15	171739064717	0.0	0.0	0.0
16	171739070205	5.0	5.0	5.0
17	181839068343	1.0	9.25	4.3
18	191939065880	7.5	9.25	8.2
19	191939067697	1.5	9.0	4.5
20	191939068395	3.5	10.5	6.3
21	191939068052	1.0	9.5	4.4
22	191939063884	6.0	9.5	7.4
23	171739074264	0.0	8.0	3.2
24	191939065980	5.0	11.0	7.4
25	191939063679	8.0	10.5	9.0
26	191939072040	15.0	9.5	12.8
27	191939063852	8.0	9.5	8.6
28	191939071372	7.5	8.0	7.7
29	181839070592	0.5	8.0	3.5
30	191939073725	4.0	9.0	6.0
31	191939066875	2.5	9.0	5.1
32	191939072523	7.5	12.5	9.5
33	161639068948	10.4	10.4	10.4
34	191939066231	3.0	9.0	5.4
35	191939064349	0.0	10.5	4.2
36	191939069276	8.0	9.5	8.6
37	191939064690	0.0	7.0	2.8
38	191939068911	6.0	9.0	7.2
39	191939067007	8.0	9.5	8.6
40	161539076291	6.0	10.0	7.6
41	191939073716	1.5	10.0	4.9
42	191939064425	1.0	9.0	4.2
43	181839073642	0.5	11.0	4.7
44	181839071981	3.0	11.0	6.2
45	171739064719	0.0	0.0	0.0
46	171739065619	1.5	8.5	4.3
47	191939070514	1.5	10.0	4.9
48	191939069773	10.0	11.5	10.6
49	181839066136	0.0	0.0	0.0

Signature de l'enseignant:

Le:



2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Matière / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.25	11.0	4.55
2	181839064053	12.5	9.25	11.2
3	191939068887	6.0	11.5	8.2
4	161639067395	0.0	8.0	3.2
5	191939068050	7.0	9.25	7.9
6	181839067607	7.5	8.25	7.8
7	161639054593	4.5	9.0	6.3
8	191939067708	4.5	8.75	6.2
9	191939068374	9.0	12.75	10.5
10	191939072539	7.0	9.0	7.8
11	191939064706	3.5	11.0	6.5
12	191939069455	1.5	6.5	3.5
13	191939071745	5.5	10.5	7.5
14	181839064787	0.5	11.0	4.7
15	191939068009	5.0	8.5	6.4
16	191939071374	2.0	8.5	4.6
17	191939070436	6.5	9.0	7.5
18	181839069479	0.5	8.25	3.6
19	191939066739	0.5	10.0	4.3
20	181839066277	9.0	14.0	11.0
21	181839050875	2.5	9.0	5.1
22	191939070525	5.0	10.0	7.0
23	191939064370	2.5	8.25	4.8
24	191939067107	2.5	9.0	5.1
25	191939072168	12.5	11.0	11.9
26	191939067709	9.0	9.5	9.2
27	191939065143	4.0	9.0	6.0
28	191939066920	12.5	12.5	12.5
29	191939072514	7.0	11.0	8.6
30	191939064306	8.0	7.75	7.9
31	191939071782	17.5	10.0	14.5
32	2102947732	2.0	8.75	4.7
33	181839073666	3.5	9.5	5.9
34	181839080048	0.0	5.0	2.0
35	161639071968	0.0	0.0	0.0
36	181839067621	0.5	12.0	5.1
37	181839072353	0.5	8.0	3.5
38	191939066281	1.0	9.0	4.2
39	191939065943	7.5	10.75	8.8
40	191939063823	0.0	7.5	3.0
41	191939069327	2.0	10.0	5.2
42	181839067968	2.0	6.5	3.8
43	191939068893	1.0	10.0	4.6
44	191939073124	11.5	11.5	11.5
45	181839067114	0.5	8.5	3.7
46	191939080079	10.0	10.5	10.2
47	191939070887	2.5	10.0	5.5
48	181839067615	1.0	7.0	3.4

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Quantité de Mouvement / Section A / 1

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	191939072167	1.0	0.0	1.0
2	191939065451	11.0	0.0	11.0
3	191939070520	15.0	0.0	15.0
4	171734025470	0.0	0.0	0.0
5	171739068487	11.0	0.0	11.0
6	191939069805	2.0	0.0	2.0
7	191939070104	2.0	0.0	2.0
8	191939068042	6.0	0.0	6.0
9	181839071071	13.0	0.0	13.0
10	191939072180	20.0	0.0	20.0
11	191939063515	4.0	0.0	4.0
12	191939065889	16.0	0.0	16.0
13	191939079563	14.5	0.0	14.5
14	191939073717	5.0	0.0	5.0
15	181839067109	10.0	0.0	10.0
16	181839066998	11.0	0.0	11.0
17	181839067583	0.0	0.0	0.0
18	191939064463	15.0	0.0	15.0
19	191939068916	5.0	0.0	5.0
20	191939068032	8.0	0.0	8.0
21	191939065125	2.0	0.0	2.0
22	191939071806	10.0	0.0	10.0
23	191939067152	2.0	0.0	2.0
24	181839067111	5.0	0.0	5.0
25	181839068355	2.0	0.0	2.0
26	191939066851	13.0	0.0	13.0
27	191939068874	15.0	0.0	15.0
28	191939070476	15.0	0.0	15.0
29	191939067169	1.0	0.0	1.0
30	21059055440	17.0	0.0	17.0
31	16129050197	0.0	0.0	0.0
32	171739070066	0.0	0.0	0.0
33	161639065466	12.0	0.0	12.0
34	181839072976	6.0	0.0	6.0
35	191939063892	20.0	0.0	20.0
36	191939067712	20.0	0.0	20.0
37	171739074439	0.0	0.0	0.0
38	191939072162	5.0	0.0	5.0
39	191939072533	14.0	0.0	14.0
40	191939070441	1.0	0.0	1.0
41	191939070408	11.0	0.0	11.0
42	191939063821	14.0	0.0	14.0
43	191939064692	12.0	0.0	12.0
44	191939069421	18.0	0.0	18.0
45	191939064691	3.0	0.0	3.0
46	191939064693	17.0	0.0	17.0
47	191939065470	16.0	0.0	16.0
48	161639078042	0.0	0.0	0.0
49	16049041319	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Quantité de Mouvement / Section A / 2

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739066732	1.0	0.0	1.0
2	191939068885	14.0	0.0	14.0
3	171739074842	9.0	0.0	9.0
4	181839071966	19.0	0.0	19.0
5	191939069376	20.0	0.0	20.0
6	181839069470	16.0	0.0	16.0
7	2102947716	0.0	0.0	0.0
8	21049065336	14.5	0.0	14.5
9	191939068624	0.0	0.0	0.0
10	191939064716	15.0	0.0	15.0
11	191939073710	8.0	0.0	8.0
12	191939065448	9.0	0.0	9.0
13	191939078463	20.0	0.0	20.0
14	171739065585	0.0	0.0	0.0
15	171739064717	0.0	0.0	0.0
16	171739070205	9.0	0.0	9.0
17	181839068343	1.0	0.0	1.0
18	191939065880	3.0	0.0	3.0
19	191939067697	1.0	0.0	1.0
20	191939068395	1.0	0.0	1.0
21	191939068052	2.0	0.0	2.0
22	191939063884	12.0	0.0	12.0
23	171739074264	1.0	0.0	1.0
24	191939065980	6.0	0.0	6.0
25	191939063679	16.0	0.0	16.0
26	191939072040	18.0	0.0	18.0
27	191939063852	16.0	0.0	16.0
28	191939071372	18.0	0.0	18.0
29	181839070592	1.0	0.0	1.0
30	191939073725	18.0	0.0	18.0
31	191939066875	7.0	0.0	7.0
32	191939072523	20.0	0.0	20.0
33	161639068948	10.0	0.0	10.0
34	191939066231	6.0	0.0	6.0
35	191939064349	11.0	0.0	11.0
36	191939069276	6.0	0.0	6.0
37	191939064690	0.0	0.0	0.0
38	191939068911	11.0	0.0	11.0
39	191939067007	15.0	0.0	15.0
40	161539076291	10.0	0.0	10.0
41	191939073716	3.0	0.0	3.0
42	191939064425	16.0	0.0	16.0
43	181839073642	7.0	0.0	7.0
44	181839071981	10.5	0.0	10.5
45	171739064719	0.0	0.0	0.0
46	171739065619	10.0	0.0	10.0
47	191939070514	1.0	0.0	1.0
48	191939069773	15.0	0.0	15.0
49	181839066136	0.0	0.0	0.0

Signature de l'enseignant:

Le:

2021/202

Filière: Génie des Procédés  
Génie des procédés

Niveau: Arrêté d'habilitation de

Matière: Transfert de Quantité de Mouvement / Section A / 3

**PV de délibération par matière**

#	Matricule	Examen	CC	MG
1	171739076413	0.0	0.0	0.0
2	181839064053	8.0	0.0	8.0
3	191939068887	8.0	0.0	8.0
4	161639067395	1.0	0.0	1.0
5	191939068050	14.0	0.0	14.0
6	181839067607	14.0	0.0	14.0
7	161639054593	15.0	0.0	15.0
8	191939067708	10.0	0.0	10.0
9	191939068374	16.0	0.0	16.0
10	191939072539	18.0	0.0	18.0
11	191939064706	3.0	0.0	3.0
12	191939069455	1.0	0.0	1.0
13	191939071745	13.0	0.0	13.0
14	181839064787	1.0	0.0	1.0
15	191939068009	17.0	0.0	17.0
16	191939071374	8.0	0.0	8.0
17	191939070436	16.0	0.0	16.0
18	181839069479	1.0	0.0	1.0
19	191939066739	1.0	0.0	1.0
20	181839066277	16.0	0.0	16.0
21	181839050875	6.0	0.0	6.0
22	191939070525	6.0	0.0	6.0
23	191939064370	3.0	0.0	3.0
24	191939067107	2.0	0.0	2.0
25	191939072168	13.0	0.0	13.0
26	191939067709	20.0	0.0	20.0
27	191939065143	6.0	0.0	6.0
28	191939066920	16.0	0.0	16.0
29	191939072514	14.0	0.0	14.0
30	191939064306	7.0	0.0	7.0
31	191939071782	17.0	0.0	17.0
32	2102947732	1.0	0.0	1.0
33	181839073666	20.0	0.0	20.0
34	181839080048	0.0	0.0	0.0
35	161639071968	0.0	0.0	0.0
36	181839067621	6.0	0.0	6.0
37	181839072353	2.0	0.0	2.0
38	191939066281	14.0	0.0	14.0
39	191939065943	5.0	0.0	5.0
40	191939063823	3.0	0.0	3.0
41	191939069327	2.0	0.0	2.0
42	181839067968	9.0	0.0	9.0
43	191939068893	3.0	0.0	3.0
44	191939073124	14.0	0.0	14.0
45	181839067114	5.0	0.0	5.0
46	191939080079	13.0	0.0	13.0
47	191939070887	20.0	0.0	20.0
48	181839067615	2.0	0.0	2.0

Signature de l'enseignant:

Le: