

2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Matière: CAO et usine virtuelle / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	14.9	14.9	14.9
2	191939066898	6.0	14.0	9.2
3	191939068322	4.0	14.0	8.0
4	191939069802	7.0	14.0	9.8
5	191939067680	7.0	14.0	9.8
6	161639057198	12.0	14.0	12.8
7	181839063741	8.0	15.0	10.8
8	191939067715	6.0	14.0	9.2
9	171739075161	10.7	10.7	10.7
10	21089038485	0.0	0.0	0.0
11	191939068668	6.0	14.0	9.2
12	191939063661	0.0	0.0	0.0
13	181839069907	13.0	13.0	13.0
14	191939067097	3.0	14.0	7.4
15	191939066759	7.0	14.0	9.8
16	191939072038	0.0	0.0	0.0
17	181839071177	11.9	11.9	11.9
18	171731028452	13.0	15.0	13.8
19	181839069781	10.6	10.6	10.6
20	191939066887	7.0	14.0	9.8
21	171739070766	8.7	8.7	8.7
22	19119042479	11.0	11.0	11.0
23	171739067352	13.1	13.1	13.1
24	191939065067	14.0	14.0	14.0
25	191939066201	6.0	14.0	9.2
26	161439064065	12.16	12.16	12.16
27	191939072538	10.0	14.0	11.6
28	181839066326	3.0	14.0	7.4
29	191939069816	12.0	14.0	12.8
30	2101940451	0.0	0.0	0.0
31	181839067064	10.1	10.1	10.1
32	161439057901	11.64	11.64	11.64
33	181839063732	3.0	15.0	7.8
34	161639065807	6.0	15.0	9.6
35	191939070517	7.0	14.0	9.8

36	171739065418	11.8	11.8	11.8
37	181839069465	7.0	14.0	9.8
38	191939068850	1.0	14.0	6.2
39	181839065373	7.0	7.0	7.0
40	2198829437	12.0	14.0	12.8
41	181839068288	2.0	0.0	1.2
42	191939068658	1.0	14.0	6.2

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: CAO et usine virtuelle / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	4.0	14.0	8.0
2	171739055740	4.0	14.0	8.0
3	171739069045	3.0	14.0	7.4
4	181839067081	11.4	11.4	11.4
5	181839071483	13.7	13.7	13.7
6	2195470245	0.0	0.0	0.0
7	191939071359	13.0	14.0	13.4
8	171739055747	0.0	9.0	3.6
9	191939071720	10.0	14.0	11.6
10	181839080146	13.7	13.7	13.7
11	191939073685	12.0	14.0	12.8
12	191939070443	12.0	14.0	12.8
13	181839066314	14.9	14.9	14.9

14	181839066624	10.7	10.7	10.7
15	191939068896	3.0	0.0	1.8
16	171739064671	13.1	13.1	13.1
17	2199934745	16.0	15.0	15.6
18	181839071887	10.7	10.7	10.7
19	181839067624	0.0	0.0	0.0
20	191939067011	3.0	14.0	7.4
21	191939073437	6.0	14.0	9.2
22	171739068249	11.0	11.0	11.0
23	1699933193	13.5	16.0	14.5
24	181839070235	9.6	9.6	9.6
25	171739068395	11.8	11.8	11.8
26	161639076238	9.0	9.0	9.0
27	191939070895	5.0	14.0	8.6
28	191939070524	12.0	14.0	12.8
29	191939072119	6.0	14.0	9.2
30	181839066626	12.6	12.6	12.6
31	191939073636	10.0	14.0	11.6
32	181839066634	10.0	10.0	10.0
33	161639078495	8.8	8.8	8.8
34	181839068434	3.0	16.0	8.2
35	161639057251	0.0	0.0	0.0
36	2199933137	13.0	16.0	14.2
37	181839064404	10.6	10.6	10.6
38	171739075988	11.8	11.8	11.8
39	191939068736	3.0	14.0	7.4
40	191939071360	14.0	14.0	14.0
41	171739065247	11.3	11.3	11.3
42	171739066668	10.7	10.7	10.7
43	181839072654	12.0	12.0	12.0
44	181839069783	9.6	9.6	9.6
45	191939069683	4.0	14.0	8.0
46	191939068724	1.0	14.0	6.2

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Economie et Management / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	10.0	0.0	10.0
2	191939066898	9.0	0.0	9.0
3	191939068322	10.0	0.0	10.0
4	191939069802	18.0	0.0	18.0
5	191939067680	11.5	0.0	11.5
6	161639057198	13.0	0.0	13.0
7	181839063741	11.0	0.0	11.0
8	191939067715	15.0	0.0	15.0
9	171739075161	11.0	0.0	11.0
10	21089038485	0.0	0.0	0.0
11	191939068668	12.0	0.0	12.0
12	191939063661	0.0	0.0	0.0
13	181839069907	15.0	0.0	15.0
14	191939067097	14.0	0.0	14.0
15	191939066759	12.0	0.0	12.0
16	191939072038	0.0	0.0	0.0
17	181839071177	10.0	0.0	10.0
18	171731028452	14.5	0.0	14.5
19	181839069781	12.0	0.0	12.0
20	191939066887	18.0	0.0	18.0
21	171739070766	10.0	0.0	10.0
22	19119042479	10.0	0.0	10.0
23	171739067352	10.0	0.0	10.0
24	191939065067	11.0	0.0	11.0
25	191939066201	16.0	0.0	16.0
26	161439064065	0.0	0.0	0.0
27	191939072538	13.0	0.0	13.0
28	181839066326	17.0	0.0	17.0
29	191939069816	15.0	0.0	15.0
30	2101940451	0.0	0.0	0.0
31	181839067064	13.0	0.0	13.0
32	161439057901	12.5	0.0	12.5
33	181839063732	16.5	0.0	16.5
34	161639065807	0.0	0.0	0.0
35	191939070517	18.5	0.0	18.5

36	171739065418	10.0	0.0	10.0
37	181839069465	9.0	0.0	9.0
38	191939068850	8.0	0.0	8.0
39	181839065373	10.0	0.0	10.0
40	2198829437	13.25	0.0	13.25
41	181839068288	10.0	0.0	10.0
42	191939068658	13.5	0.0	13.5

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Economie et Management / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	16.0	0.0	16.0
2	171739055740	12.0	0.0	12.0
3	171739069045	10.0	0.0	10.0
4	181839067081	12.0	0.0	12.0
5	181839071483	10.0	0.0	10.0
6	2195470245	0.0	0.0	0.0
7	191939071359	16.25	0.0	16.25
8	171739055747	10.0	0.0	10.0
9	191939071720	15.5	0.0	15.5

10	181839080146	13.5	0.0	13.5
11	191939073685	11.0	0.0	11.0
12	191939070443	7.0	0.0	7.0
13	181839066314	15.5	0.0	15.5
14	181839066624	13.5	0.0	13.5
15	191939068896	10.0	0.0	10.0
16	171739064671	15.0	0.0	15.0
17	2199934745	17.0	0.0	17.0
18	181839071887	11.0	0.0	11.0
19	181839067624	10.0	0.0	10.0
20	191939067011	10.0	0.0	10.0
21	191939073437	10.0	0.0	10.0
22	171739068249	10.0	0.0	10.0
23	1699933193	0.0	0.0	0.0
24	181839070235	11.5	0.0	11.5
25	171739068395	10.0	0.0	10.0
26	161639076238	12.0	0.0	12.0
27	191939070895	11.5	0.0	11.5
28	191939070524	10.0	0.0	10.0
29	191939072119	15.0	0.0	15.0
30	181839066626	12.5	0.0	12.5
31	191939073636	15.0	0.0	15.0
32	181839066634	10.0	0.0	10.0
33	161639078495	12.25	0.0	12.25
34	181839068434	12.25	0.0	12.25
35	161639057251	0.0	0.0	0.0
36	2199933137	11.0	0.0	11.0
37	181839064404	12.0	0.0	12.0
38	171739075988	10.0	0.0	10.0
39	191939068736	13.5	0.0	13.5
40	191939071360	17.5	0.0	17.5
41	171739065247	14.0	0.0	14.0
42	171739066668	10.0	0.0	10.0
43	181839072654	14.5	0.0	14.5
44	181839069783	13.0	0.0	13.0
45	191939069683	10.0	0.0	10.0
46	191939068724	10.0	0.0	10.0

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Electrochimie / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	1.5	0.0	1.5
2	191939066898	1.5	0.0	1.5
3	191939068322	1.0	0.0	1.0
4	191939069802	11.0	0.0	11.0
5	191939067680	9.0	0.0	9.0
6	161639057198	1.5	0.0	1.5
7	181839063741	1.0	0.0	1.0
8	191939067715	15.0	0.0	15.0
9	171739075161	11.0	0.0	11.0
10	21089038485	0.0	0.0	0.0
11	191939068668	1.0	0.0	1.0
12	191939063661	0.0	0.0	0.0
13	181839069907	10.0	0.0	10.0
14	191939067097	5.5	0.0	5.5
15	191939066759	0.5	0.0	0.5
16	191939072038	0.0	0.0	0.0
17	181839071177	10.0	0.0	10.0
18	171731028452	5.0	0.0	5.0
19	181839069781	5.5	0.0	5.5
20	191939066887	6.0	0.0	6.0

21	171739070766	7.0	0.0	7.0
22	19119042479	0.0	0.0	0.0
23	171739067352	0.5	0.0	0.5
24	191939065067	1.5	0.0	1.5
25	191939066201	1.0	0.0	1.0
26	161439064065	0.5	0.0	0.5
27	191939072538	4.0	0.0	4.0
28	181839066326	0.5	0.0	0.5
29	191939069816	8.5	0.0	8.5
30	2101940451	0.0	0.0	0.0
31	181839067064	0.0	0.0	0.0
32	161439057901	0.0	0.0	0.0
33	181839063732	0.5	0.0	0.5
34	161639065807	5.0	0.0	5.0
35	191939070517	0.5	0.0	0.5
36	171739065418	1.0	0.0	1.0
37	181839069465	7.5	0.0	7.5
38	191939068850	0.5	0.0	0.5
39	181839065373	4.0	0.0	4.0
40	2198829437	6.0	0.0	6.0
41	181839068288	0.0	0.0	0.0
42	191939068658	0.5	0.0	0.5

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2021/2022

Filière: industries pétrochimiques

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	1.0	0.0	1.0
2	171739055740	0.5	0.0	0.5
3	171739069045	1.0	0.0	1.0
4	181839067081	0.0	0.0	0.0
5	181839071483	1.0	0.0	1.0
6	2195470245	0.0	0.0	0.0
7	191939071359	4.5	0.0	4.5
8	171739055747	0.5	0.0	0.5
9	191939071720	1.0	0.0	1.0
10	181839080146	2.0	0.0	2.0
11	191939073685	1.0	0.0	1.0
12	191939070443	0.5	0.0	0.5
13	181839066314	1.0	0.0	1.0
14	181839066624	1.5	0.0	1.5
15	191939068896	0.5	0.0	0.5
16	171739064671	10.0	0.0	10.0
17	2199934745	10.0	0.0	10.0
18	181839071887	1.0	0.0	1.0
19	181839067624	0.0	0.0	0.0
20	191939067011	0.5	0.0	0.5
21	191939073437	1.0	0.0	1.0
22	171739068249	0.0	0.0	0.0
23	1699933193	14.0	0.0	14.0
24	181839070235	7.0	0.0	7.0
25	171739068395	2.0	0.0	2.0
26	161639076238	0.5	0.0	0.5
27	191939070895	2.0	0.0	2.0
28	191939070524	0.5	0.0	0.5
29	191939072119	2.0	0.0	2.0
30	181839066626	0.0	0.0	0.0
31	191939073636	8.5	0.0	8.5
32	181839066634	2.0	0.0	2.0
33	161639078495	0.0	0.0	0.0
34	181839068434	6.5	0.0	6.5
35	161639057251	0.0	0.0	0.0
36	2199933137	6.5	0.0	6.5
37	181839064404	6.0	0.0	6.0
38	171739075988	0.0	0.0	0.0
39	191939068736	0.5	0.0	0.5
40	191939071360	4.5	0.0	4.5
41	171739065247	10.0	0.0	10.0
42	171739066668	0.5	0.0	0.5
43	181839072654	2.0	0.0	2.0

44	181839069783	2.0	0.0	2.0
45	191939069683	1.0	0.0	1.0
46	191939068724	0.5	0.0	0.5

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Energie fossile et pollution / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	3.0	0.0	3.0
2	191939066898	1.0	0.0	1.0
3	191939068322	1.5	0.0	1.5
4	191939069802	11.0	0.0	11.0
5	191939067680	9.0	0.0	9.0
6	161639057198	3.75	0.0	3.75
7	181839063741	6.0	0.0	6.0
8	191939067715	9.0	0.0	9.0
9	171739075161	2.5	0.0	2.5
10	21089038485	0.0	0.0	0.0
11	191939068668	7.5	0.0	7.5
12	191939063661	0.0	0.0	0.0
13	181839069907	8.5	0.0	8.5
14	191939067097	2.25	0.0	2.25
15	191939066759	2.75	0.0	2.75
16	191939072038	0.0	0.0	0.0
17	181839071177	5.0	0.0	5.0

18	171731028452	15.5	0.0	15.5
19	181839069781	11.5	0.0	11.5
20	191939066887	5.5	0.0	5.5
21	171739070766	5.0	0.0	5.0
22	19119042479	0.0	0.0	0.0
23	171739067352	0.0	0.0	0.0
24	191939065067	4.5	0.0	4.5
25	191939066201	3.5	0.0	3.5
26	161439064065	10.0	0.0	10.0
27	191939072538	9.0	0.0	9.0
28	181839066326	1.5	0.0	1.5
29	191939069816	9.5	0.0	9.5
30	2101940451	0.0	0.0	0.0
31	181839067064	0.0	0.0	0.0
32	161439057901	0.0	0.0	0.0
33	181839063732	1.0	0.0	1.0
34	161639065807	0.0	0.0	0.0
35	191939070517	5.0	0.0	5.0
36	171739065418	0.5	0.0	0.5
37	181839069465	11.0	0.0	11.0
38	191939068850	2.5	0.0	2.5
39	181839065373	5.0	0.0	5.0
40	2198829437	14.5	0.0	14.5
41	181839068288	2.0	0.0	2.0
42	191939068658	3.5	0.0	3.5

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Energie fossile et pollution / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	3.25	0.0	3.25
2	171739055740	9.75	0.0	9.75
3	171739069045	2.5	0.0	2.5
4	181839067081	3.5	0.0	3.5
5	181839071483	2.0	0.0	2.0
6	2195470245	0.0	0.0	0.0
7	191939071359	9.5	0.0	9.5
8	171739055747	2.5	0.0	2.5
9	191939071720	5.0	0.0	5.0
10	181839080146	3.5	0.0	3.5
11	191939073685	2.5	0.0	2.5
12	191939070443	8.0	0.0	8.0
13	181839066314	6.0	0.0	6.0
14	181839066624	6.75	0.0	6.75
15	191939068896	3.75	0.0	3.75
16	171739064671	10.5	0.0	10.5
17	2199934745	16.75	0.0	16.75
18	181839071887	5.5	0.0	5.5
19	181839067624	0.0	0.0	0.0
20	191939067011	2.5	0.0	2.5
21	191939073437	2.5	0.0	2.5
22	171739068249	0.0	0.0	0.0
23	1699933193	16.75	0.0	16.75
24	181839070235	10.75	0.0	10.75
25	171739068395	6.5	0.0	6.5
26	161639076238	3.5	0.0	3.5
27	191939070895	4.0	0.0	4.0
28	191939070524	11.0	0.0	11.0
29	191939072119	4.0	0.0	4.0
30	181839066626	8.5	0.0	8.5
31	191939073636	8.5	0.0	8.5
32	181839066634	5.0	0.0	5.0
33	161639078495	0.0	0.0	0.0
34	181839068434	2.0	0.0	2.0
35	161639057251	0.0	0.0	0.0
36	2199933137	11.25	0.0	11.25
37	181839064404	2.0	0.0	2.0
38	171739075988	0.0	0.0	0.0
39	191939068736	3.5	0.0	3.5

40	191939071360	11.0	0.0	11.0
41	171739065247	6.0	0.0	6.0
42	171739066668	1.0	0.0	1.0
43	181839072654	3.0	0.0	3.0
44	181839069783	7.5	0.0	7.5
45	191939069683	5.0	0.0	5.0
46	191939068724	1.5	0.0	1.5

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Instrumentations- capteurs / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	10.0	0.0	10.0
2	191939066898	11.0	0.0	11.0
3	191939068322	3.5	0.0	3.5
4	191939069802	13.5	0.0	13.5
5	191939067680	15.0	0.0	15.0
6	161639057198	11.0	0.0	11.0
7	181839063741	8.0	0.0	8.0
8	191939067715	16.0	0.0	16.0
9	171739075161	8.0	0.0	8.0
10	21089038485	0.0	0.0	0.0
11	191939068668	12.0	0.0	12.0
12	191939063661	0.0	0.0	0.0
13	181839069907	13.0	0.0	13.0

14	191939067097	17.0	0.0	17.0
15	191939066759	3.0	0.0	3.0
16	191939072038	0.0	0.0	0.0
17	181839071177	7.5	0.0	7.5
18	171731028452	11.0	0.0	11.0
19	181839069781	4.0	0.0	4.0
20	191939066887	2.5	0.0	2.5
21	171739070766	18.5	0.0	18.5
22	19119042479	15.0	0.0	15.0
23	171739067352	7.5	0.0	7.5
24	191939065067	1.0	0.0	1.0
25	191939066201	9.0	0.0	9.0
26	161439064065	11.0	0.0	11.0
27	191939072538	14.5	0.0	14.5
28	181839066326	13.5	0.0	13.5
29	191939069816	18.5	0.0	18.5
30	2101940451	0.0	0.0	0.0
31	181839067064	13.0	0.0	13.0
32	161439057901	0.0	0.0	0.0
33	181839063732	8.5	0.0	8.5
34	161639065807	9.0	0.0	9.0
35	191939070517	13.5	0.0	13.5
36	171739065418	10.0	0.0	10.0
37	181839069465	4.0	0.0	4.0
38	191939068850	4.5	0.0	4.5
39	181839065373	14.0	0.0	14.0
40	2198829437	16.5	0.0	16.5
41	181839068288	10.5	0.0	10.5
42	191939068658	8.5	0.0	8.5

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Instrumentations- capteurs / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	9.5	0.0	9.5
2	171739055740	10.0	0.0	10.0
3	171739069045	9.0	0.0	9.0
4	181839067081	11.5	0.0	11.5
5	181839071483	10.5	0.0	10.5
6	2195470245	0.0	0.0	0.0
7	191939071359	19.5	0.0	19.5
8	171739055747	11.5	0.0	11.5
9	191939071720	11.0	0.0	11.0
10	181839080146	11.5	0.0	11.5
11	191939073685	2.0	0.0	2.0
12	191939070443	15.0	0.0	15.0
13	181839066314	10.0	0.0	10.0
14	181839066624	10.0	0.0	10.0
15	191939068896	11.5	0.0	11.5
16	171739064671	18.0	0.0	18.0
17	2199934745	14.5	0.0	14.5
18	181839071887	10.0	0.0	10.0
19	181839067624	10.5	0.0	10.5
20	191939067011	13.5	0.0	13.5
21	191939073437	3.5	0.0	3.5
22	171739068249	0.0	0.0	0.0
23	1699933193	16.0	0.0	16.0
24	181839070235	14.0	0.0	14.0
25	171739068395	6.5	0.0	6.5
26	161639076238	10.0	0.0	10.0
27	191939070895	17.0	0.0	17.0
28	191939070524	5.5	0.0	5.5
29	191939072119	17.5	0.0	17.5
30	181839066626	12.0	0.0	12.0
31	191939073636	18.5	0.0	18.5
32	181839066634	16.5	0.0	16.5
33	161639078495	11.5	0.0	11.5
34	181839068434	9.5	0.0	9.5
35	161639057251	0.0	0.0	0.0

36	2199933137	15.0	0.0	15.0
37	181839064404	13.5	0.0	13.5
38	171739075988	0.0	0.0	0.0
39	191939068736	8.0	0.0	8.0
40	191939071360	14.0	0.0	14.0
41	171739065247	12.0	0.0	12.0
42	171739066668	11.0	0.0	11.0
43	181839072654	14.0	0.0	14.0
44	181839069783	13.0	0.0	13.0
45	191939069683	11.5	0.0	11.5
46	191939068724	5.5	0.0	5.5

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Opérations unitaires / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	10.0	10.0	10.0
2	191939066898	17.75	12.75	15.75
3	191939068322	3.0	8.25	5.1
4	191939069802	18.5	13.75	16.6
5	191939067680	19.5	16.5	18.3
6	161639057198	9.0	12.25	10.3
7	181839063741	6.5	8.75	7.4
8	191939067715	18.75	15.5	17.45
9	171739075161	0.0	0.0	0.0

10	21089038485	0.0	0.0	0.0
11	191939068668	6.5	9.25	7.6
12	191939063661	0.0	0.0	0.0
13	181839069907	17.0	11.75	14.9
14	191939067097	14.0	10.75	12.7
15	191939066759	3.0	9.25	5.5
16	191939072038	0.0	0.0	0.0
17	181839071177	2.0	2.5	2.2
18	171731028452	9.0	11.25	9.9
19	181839069781	6.5	10.25	8.0
20	191939066887	13.0	8.25	11.1
21	171739070766	11.64	11.64	11.64
22	19119042479	0.0	0.0	0.0
23	171739067352	5.5	0.0	3.3
24	191939065067	16.0	10.25	13.7
25	191939066201	14.5	8.25	12.0
26	161439064065	0.0	1.5	0.6
27	191939072538	11.0	13.75	12.1
28	181839066326	7.5	7.25	7.4
29	191939069816	18.25	13.25	16.25
30	2101940451	0.0	0.0	0.0
31	181839067064	2.0	3.0	2.4
32	161439057901	0.0	0.0	0.0
33	181839063732	6.0	8.25	6.9
34	161639065807	0.0	7.0	2.8
35	191939070517	10.5	13.5	11.7
36	171739065418	5.0	9.25	6.7
37	181839069465	16.0	13.0	14.8
38	191939068850	6.5	4.75	5.8
39	181839065373	6.5	8.75	7.4
40	2198829437	11.5	12.25	11.8
41	181839068288	4.5	7.0	5.5
42	191939068658	7.0	11.75	8.9

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Opérations unitaires / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	13.5	9.25	11.8
2	171739055740	7.0	11.0	8.6
3	171739069045	3.5	10.0	6.1
4	181839067081	10.5	11.75	11.0
5	181839071483	7.0	10.0	8.2
6	2195470245	0.0	0.0	0.0
7	191939071359	18.75	11.75	15.95
8	171739055747	3.0	12.25	6.7
9	191939071720	16.0	11.25	14.1
10	181839080146	6.0	10.75	7.9
11	191939073685	5.5	8.75	6.8
12	191939070443	8.0	9.75	8.7
13	181839066314	2.5	5.25	3.6
14	181839066624	8.0	4.5	6.6
15	191939068896	7.5	8.75	8.0
16	171739064671	16.0	15.0	15.6

17	2199934745	14.5	12.75	13.8
18	181839071887	10.5	12.0	11.1
19	181839067624	0.0	0.0	0.0
20	191939067011	3.5	9.25	5.8
21	191939073437	3.0	8.25	5.1
22	171739068249	0.0	0.0	0.0
23	1699933193	19.5	13.75	17.2
24	181839070235	11.6	11.6	11.6
25	171739068395	11.2	11.2	11.2
26	161639076238	10.5	10.5	10.5
27	191939070895	8.5	7.75	8.2
28	191939070524	9.5	9.25	9.4
29	191939072119	14.5	9.75	12.6
30	181839066626	1.5	7.25	3.8
31	191939073636	19.5	12.25	16.6
32	181839066634	8.5	9.25	8.8
33	161639078495	0.0	0.0	0.0
34	181839068434	6.5	13.25	9.2
35	161639057251	0.0	0.0	0.0
36	2199933137	18.0	15.25	16.9
37	181839064404	8.0	8.75	8.3
38	171739075988	13.3	13.3	13.3
39	191939068736	9.5	8.25	9.0
40	191939071360	16.75	10.5	14.25
41	171739065247	3.5	10.75	6.4
42	171739066668	10.2	10.2	10.2
43	181839072654	6.5	11.0	8.3
44	181839069783	4.5	7.25	5.6
45	191939069683	9.0	9.75	9.3
46	191939068724	6.5	8.25	7.2

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Pétrochimie 1 / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	2.5	10.5	5.7
2	191939066898	7.0	11.6	8.84
3	191939068322	2.0	11.6	5.84
4	191939069802	11.0	11.7	11.28
5	191939067680	13.5	13.4	13.46
6	161639057198	4.0	12.0	7.2
7	181839063741	2.5	7.7	4.58
8	191939067715	13.0	13.0	13.0
9	171739075161	2.0	1.7	1.88
10	21089038485	0.0	0.0	0.0
11	191939068668	5.0	12.0	7.8
12	191939063661	0.0	0.0	0.0
13	181839069907	4.0	5.7	4.68
14	191939067097	3.0	11.3	6.32
15	191939066759	2.0	10.8	5.52
16	191939072038	0.0	0.0	0.0
17	181839071177	8.0	2.1	5.64
18	171731028452	7.0	10.9	8.56
19	181839069781	5.0	9.5	6.8
20	191939066887	2.0	7.7	4.28
21	171739070766	3.5	13.2	7.38
22	19119042479	0.0	9.7	3.88
23	171739067352	2.0	7.4	4.16
24	191939065067	4.5	9.7	6.58
25	191939066201	2.0	12.0	6.0
26	161439064065	3.0	3.5	3.2
27	191939072538	12.5	13.2	12.78
28	181839066326	4.0	9.2	6.08
29	191939069816	15.5	13.7	14.78
30	2101940451	0.0	0.0	0.0
31	181839067064	0.0	9.3	3.72
32	161439057901	0.0	0.0	0.0
33	181839063732	2.0	6.2	3.68
34	161639065807	2.5	6.5	4.1
35	191939070517	6.0	13.6	9.04
36	171739065418	0.0	10.5	4.2
37	181839069465	5.5	12.5	8.3
38	191939068850	2.0	7.7	4.28
39	181839065373	2.0	7.4	4.16

40	2198829437	15.5	10.5	13.5
41	181839068288	2.0	7.5	4.2
42	191939068658	2.0	10.4	5.36

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Pétrochimie 1 / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	5.0	11.6	7.64
2	171739055740	5.0	12.2	7.88
3	171739069045	2.0	6.5	3.8
4	181839067081	4.5	7.7	5.78
5	181839071483	4.5	12.0	7.5
6	2195470245	0.0	0.0	0.0
7	191939071359	10.0	14.1	11.64
8	171739055747	3.0	10.02	5.81
9	191939071720	3.0	11.6	6.44
10	181839080146	7.5	11.7	9.18
11	191939073685	3.0	11.0	6.2
12	191939070443	4.0	10.4	6.56
13	181839066314	2.0	5.3	3.32

14	181839066624	7.0	10.9	8.56
15	191939068896	4.0	11.6	7.04
16	171739064671	8.0	13.7	10.28
17	2199934745	15.5	13.2	14.58
18	181839071887	4.5	7.4	5.66
19	181839067624	11.1	11.1	11.1
20	191939067011	3.0	10.8	6.12
21	191939073437	2.0	8.6	4.64
22	171739068249	0.0	0.0	0.0
23	1699933193	18.5	14.0	16.7
24	181839070235	12.0	11.9	11.96
25	171739068395	3.0	8.9	5.36
26	161639076238	2.0	0.0	1.2
27	191939070895	3.0	9.2	5.48
28	191939070524	5.5	11.3	7.82
29	191939072119	5.5	12.0	8.1
30	181839066626	2.0	6.5	3.8
31	191939073636	6.0	11.6	8.24
32	181839066634	4.0	11.3	6.92
33	161639078495	0.0	0.0	0.0
34	181839068434	5.0	10.4	7.16
35	161639057251	0.0	0.0	0.0
36	2199933137	14.0	16.4	14.96
37	181839064404	6.0	8.9	7.16
38	171739075988	0.0	0.0	0.0
39	191939068736	2.0	11.6	5.84
40	191939071360	12.0	12.8	12.32
41	171739065247	0.0	8.9	3.56
42	171739066668	2.0	10.4	5.36
43	181839072654	7.5	6.5	7.1
44	181839069783	3.5	7.1	4.94
45	191939069683	3.5	10.4	6.26
46	191939068724	3.0	11.6	6.44

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Phénomène de surface et catalyse hétérogène / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	1.0	2.63	1.65
2	191939066898	3.5	2.38	3.05
3	191939068322	0.0	0.0	0.0
4	191939069802	4.0	0.75	2.7
5	191939067680	14.0	13.88	13.95
6	161639057198	2.5	4.88	3.45
7	181839063741	2.5	0.0	1.5
8	191939067715	13.5	13.12	13.35
9	171739075161	0.0	0.0	0.0
10	21089038485	0.0	0.0	0.0
11	191939068668	1.0	0.0	0.6
12	191939063661	0.0	0.0	0.0
13	181839069907	2.5	2.63	2.55
14	191939067097	7.0	9.63	8.05
15	191939066759	1.0	0.0	0.6
16	191939072038	0.0	0.0	0.0
17	181839071177	0.0	0.0	0.0
18	171731028452	10.5	10.0	10.3
19	181839069781	2.0	0.0	1.2
20	191939066887	0.5	0.0	0.3
21	171739070766	2.5	1.88	2.25
22	19119042479	0.0	0.0	0.0
23	171739067352	0.0	0.0	0.0
24	191939065067	1.5	0.0	0.9
25	191939066201	1.0	0.0	0.6
26	161439064065	10.2	10.2	10.2
27	191939072538	6.5	2.25	4.8
28	181839066326	5.5	3.5	4.7
29	191939069816	10.0	11.75	10.7
30	2101940451	0.0	2.63	1.05
31	181839067064	0.0	2.63	1.05
32	161439057901	11.1	11.1	11.1
33	181839063732	0.0	0.75	0.3
34	161639065807	1.0	1.5	1.2
35	191939070517	5.5	1.5	3.9

36	171739065418	0.0	0.0	0.0
37	181839069465	6.0	1.13	4.05
38	191939068850	1.0	0.75	0.9
39	181839065373	1.5	3.0	2.1
40	2198829437	8.0	9.25	8.5
41	181839068288	0.0	0.0	0.0
42	191939068658	0.0	0.0	0.0

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Phénomène de surface et catalyse hétérogène / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	4.5	1.5	3.3
2	171739055740	1.0	9.0	4.2
3	171739069045	2.0	0.75	1.5
4	181839067081	1.0	0.0	0.6
5	181839071483	2.5	0.0	1.5
6	2195470245	0.0	0.0	0.0
7	191939071359	11.0	10.5	10.8
8	171739055747	1.5	0.0	0.9
9	191939071720	7.0	4.0	5.8

10	181839080146	1.0	0.0	0.6
11	191939073685	0.0	0.0	0.0
12	191939070443	1.0	2.25	1.5
13	181839066314	0.0	0.0	0.0
14	181839066624	0.0	0.0	0.0
15	191939068896	0.0	0.0	0.0
16	171739064671	4.0	3.75	3.9
17	2199934745	12.0	13.0	12.4
18	181839071887	4.0	3.0	3.6
19	181839067624	0.0	0.0	0.0
20	191939067011	1.0	0.0	0.6
21	191939073437	1.5	0.0	0.9
22	171739068249	0.0	0.0	0.0
23	1699933193	16.0	14.0	15.2
24	181839070235	11.5	7.75	10.0
25	171739068395	0.0	0.0	0.0
26	161639076238	1.0	0.0	0.6
27	191939070895	1.0	6.5	3.2
28	191939070524	3.5	0.75	2.4
29	191939072119	1.5	13.0	6.1
30	181839066626	3.0	0.0	1.8
31	191939073636	11.0	4.25	8.3
32	181839066634	0.0	1.5	0.6
33	161639078495	0.0	0.0	0.0
34	181839068434	2.5	1.5	2.1
35	161639057251	0.0	0.0	0.0
36	2199933137	16.5	14.5	15.7
37	181839064404	2.5	0.0	1.5
38	171739075988	0.0	0.0	0.0
39	191939068736	1.5	1.5	1.5
40	191939071360	11.5	9.0	10.5
41	171739065247	2.0	2.75	2.3
42	171739066668	3.0	0.75	2.1
43	181839072654	1.0	0.0	0.6
44	181839069783	0.0	0.0	0.0
45	191939069683	2.0	0.0	1.2
46	191939068724	2.0	0.0	1.2

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: phénomènes de transfert / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	5.0	7.0	5.8
2	191939066898	4.5	13.0	7.9
3	191939068322	0.0	14.0	5.6
4	191939069802	6.5	14.0	9.5
5	191939067680	11.0	14.0	12.2
6	161639057198	11.5	15.0	12.9
7	181839063741	0.0	11.0	4.4
8	191939067715	12.0	14.0	12.8
9	171739075161	0.0	0.0	0.0
10	21089038485	0.0	0.0	0.0
11	191939068668	4.5	14.0	8.3
12	191939063661	0.0	0.0	0.0
13	181839069907	0.0	9.0	3.6
14	191939067097	1.5	12.0	5.7
15	191939066759	3.0	12.0	6.6
16	191939072038	0.0	0.0	0.0
17	181839071177	0.0	7.0	2.8
18	171731028452	0.0	13.0	5.2
19	181839069781	0.0	13.0	5.2
20	191939066887	2.5	10.0	5.5

21	171739070766	1.0	12.0	5.4
22	19119042479	0.0	0.0	0.0
23	171739067352	0.0	11.0	4.4
24	191939065067	0.0	14.0	5.6
25	191939066201	2.0	12.0	6.0
26	161439064065	0.0	0.0	0.0
27	191939072538	2.5	13.0	6.7
28	181839066326	7.5	16.0	10.9
29	191939069816	4.5	15.0	8.7
30	2101940451	0.0	0.0	0.0
31	181839067064	0.0	7.0	2.8
32	161439057901	0.0	0.0	0.0
33	181839063732	0.5	13.0	5.5
34	161639065807	1.0	11.0	5.0
35	191939070517	4.0	14.0	8.0
36	171739065418	1.5	9.0	4.5
37	181839069465	6.5	13.0	9.1
38	191939068850	0.0	7.0	2.8
39	181839065373	1.0	10.0	4.6
40	2198829437	10.5	14.0	11.9
41	181839068288	0.0	9.0	3.6
42	191939068658	0.0	14.0	5.6

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2021/2022

Filière: industries pétrochimiques

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	4.0	11.0	6.8
2	171739055740	6.5	15.0	9.9
3	171739069045	1.0	13.0	5.8
4	181839067081	4.0	7.0	5.2
5	181839071483	2.0	14.0	6.8
6	2195470245	0.0	0.0	0.0
7	191939071359	9.0	12.0	10.2
8	171739055747	0.0	13.0	5.2
9	191939071720	0.0	13.0	5.2
10	181839080146	1.5	10.0	4.9
11	191939073685	1.0	12.0	5.4
12	191939070443	5.5	15.0	9.3
13	181839066314	0.0	7.0	2.8
14	181839066624	4.5	9.0	6.3
15	191939068896	1.0	11.0	5.0
16	171739064671	12.0	13.0	12.4
17	2199934745	4.0	14.0	8.0
18	181839071887	0.0	9.0	3.6
19	181839067624	0.0	0.0	0.0
20	191939067011	0.0	11.0	4.4
21	191939073437	1.5	13.0	6.1
22	171739068249	0.0	0.0	0.0
23	1699933193	11.0	14.0	12.2
24	181839070235	3.0	10.0	5.8
25	171739068395	0.0	12.0	4.8
26	161639076238	3.5	2.0	2.9
27	191939070895	0.0	10.0	4.0
28	191939070524	0.0	12.0	4.8
29	191939072119	3.0	12.0	6.6
30	181839066626	0.0	7.0	2.8
31	191939073636	8.0	13.0	10.0
32	181839066634	2.0	12.0	6.0
33	161639078495	0.0	2.0	0.8
34	181839068434	2.0	10.0	5.2
35	161639057251	0.0	0.0	0.0
36	2199933137	15.5	16.0	15.7
37	181839064404	0.0	7.0	2.8
38	171739075988	7.3	7.3	7.3
39	191939068736	0.5	10.0	4.3
40	191939071360	1.5	13.0	6.1
41	171739065247	1.5	11.0	5.3
42	171739066668	3.0	10.0	5.8
43	181839072654	2.5	7.0	4.3

44	181839069783	0.5	9.0	3.9
45	191939069683	5.5	10.0	7.3
46	191939068724	1.0	11.0	5.0

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: Techniques de traitement des eaux / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	8.0	0.0	8.0
2	191939066898	4.0	0.0	4.0
3	191939068322	0.0	0.0	0.0
4	191939069802	6.5	0.0	6.5
5	191939067680	0.0	0.0	0.0
6	161639057198	0.0	0.0	0.0
7	181839063741	1.5	0.0	1.5
8	191939067715	0.0	0.0	0.0
9	171739075161	16.0	0.0	16.0
10	21089038485	0.0	0.0	0.0
11	191939068668	0.0	0.0	0.0
12	191939063661	0.0	0.0	0.0
13	181839069907	2.0	0.0	2.0
14	191939067097	2.0	0.0	2.0
15	191939066759	0.0	0.0	0.0
16	191939072038	0.0	0.0	0.0
17	181839071177	9.0	0.0	9.0

18	171731028452	7.5	0.0	7.5
19	181839069781	14.5	0.0	14.5
20	191939066887	1.0	0.0	1.0
21	171739070766	6.0	0.0	6.0
22	19119042479	5.0	0.0	5.0
23	171739067352	12.0	0.0	12.0
24	191939065067	0.0	0.0	0.0
25	191939066201	0.0	0.0	0.0
26	161439064065	4.5	0.0	4.5
27	191939072538	4.5	0.0	4.5
28	181839066326	1.0	0.0	1.0
29	191939069816	4.5	0.0	4.5
30	2101940451	0.0	0.0	0.0
31	181839067064	6.0	0.0	6.0
32	161439057901	6.0	0.0	6.0
33	181839063732	3.0	0.0	3.0
34	161639065807	2.0	0.0	2.0
35	191939070517	4.5	0.0	4.5
36	171739065418	10.5	0.0	10.5
37	181839069465	6.0	0.0	6.0
38	191939068850	0.0	0.0	0.0
39	181839065373	12.0	0.0	12.0
40	2198829437	17.0	0.0	17.0
41	181839068288	0.0	0.0	0.0
42	191939068658	0.0	0.0	0.0

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: Techniques de traitement des eaux / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	2.5	0.0	2.5
2	171739055740	0.0	0.0	0.0
3	171739069045	0.0	0.0	0.0
4	181839067081	7.0	0.0	7.0
5	181839071483	5.0	0.0	5.0
6	2195470245	0.0	0.0	0.0
7	191939071359	4.0	0.0	4.0
8	171739055747	5.5	0.0	5.5
9	191939071720	3.0	0.0	3.0
10	181839080146	7.0	0.0	7.0
11	191939073685	0.5	0.0	0.5
12	191939070443	1.5	0.0	1.5
13	181839066314	6.5	0.0	6.5
14	181839066624	7.0	0.0	7.0
15	191939068896	0.0	0.0	0.0
16	171739064671	2.0	0.0	2.0
17	2199934745	17.5	0.0	17.5
18	181839071887	9.0	0.0	9.0
19	181839067624	0.0	0.0	0.0
20	191939067011	0.5	0.0	0.5
21	191939073437	0.0	0.0	0.0
22	171739068249	8.0	0.0	8.0
23	1699933193	20.0	0.0	20.0
24	181839070235	11.0	0.0	11.0
25	171739068395	4.0	0.0	4.0
26	161639076238	10.0	0.0	10.0
27	191939070895	2.5	0.0	2.5
28	191939070524	2.5	0.0	2.5
29	191939072119	0.5	0.0	0.5
30	181839066626	3.0	0.0	3.0
31	191939073636	0.5	0.0	0.5
32	181839066634	8.5	0.0	8.5
33	161639078495	5.0	0.0	5.0
34	181839068434	0.0	0.0	0.0
35	161639057251	0.0	0.0	0.0
36	2199933137	19.0	0.0	19.0
37	181839064404	8.5	0.0	8.5
38	171739075988	3.5	0.0	3.5
39	191939068736	0.0	0.0	0.0

40	191939071360	5.5	0.0	5.5
41	171739065247	13.0	0.0	13.0
42	171739066668	11.0	0.0	11.0
43	181839072654	3.0	0.0	3.0
44	181839069783	8.0	0.0	8.0
45	191939069683	0.0	0.0	0.0
46	191939068724	0.0	0.0	0.0

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: TP Chimie physique(électrochimie,surface) / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	16.5	16.5	16.5
2	191939066898	0.0	13.5	13.5
3	191939068322	0.0	13.5	13.5
4	191939069802	0.0	16.0	16.0
5	191939067680	0.0	19.0	19.0
6	161639057198	0.0	13.5	13.5
7	181839063741	0.0	16.0	16.0
8	191939067715	0.0	19.0	19.0
9	171739075161	14.5	14.5	14.5
10	21089038485	0.0	0.0	0.0
11	191939068668	0.0	13.5	13.5
12	191939063661	0.0	0.0	0.0
13	181839069907	16.0	16.0	16.0

14	191939067097	0.0	14.5	14.5
15	191939066759	0.0	0.0	0.0
16	191939072038	0.0	0.0	0.0
17	181839071177	12.5	12.5	12.5
18	171731028452	0.0	15.5	15.5
19	181839069781	16.25	16.25	16.25
20	191939066887	0.0	13.5	13.5
21	171739070766	14.0	14.0	14.0
22	19119042479	15.67	15.67	15.67
23	171739067352	15.0	15.0	15.0
24	191939065067	0.0	12.5	12.5
25	191939066201	0.0	13.5	13.5
26	161439064065	0.0	13.17	13.17
27	191939072538	0.0	13.5	13.5
28	181839066326	0.0	13.5	13.5
29	191939069816	0.0	18.0	18.0
30	2101940451	0.0	0.0	0.0
31	181839067064	14.5	14.5	14.5
32	161439057901	0.0	15.17	15.17
33	181839063732	0.0	13.5	13.5
34	161639065807	17.25	17.25	17.25
35	191939070517	0.0	11.0	11.0
36	171739065418	14.5	14.5	14.5
37	181839069465	0.0	16.0	16.0
38	191939068850	0.0	0.0	0.0
39	181839065373	17.25	17.25	17.25
40	2198829437	0.0	16.0	16.0
41	181839068288	0.0	13.5	13.5
42	191939068658	0.0	13.5	13.5

Signature de l'enseignant:

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Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau: Arrêté d'habilitation de

Matière: TP Chimie physique(électrochimie,surface) / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	0.0	13.0	13.0
2	171739055740	0.0	15.0	15.0
3	171739069045	14.0	14.0	14.0
4	181839067081	14.0	14.0	14.0
5	181839071483	13.5	13.5	13.5
6	2195470245	0.0	0.0	0.0
7	191939071359	0.0	16.5	16.5
8	171739055747	0.0	15.0	15.0
9	191939071720	0.0	14.0	14.0
10	181839080146	13.5	13.5	13.5
11	191939073685	0.0	13.5	13.5
12	191939070443	0.0	15.0	15.0
13	181839066314	13.5	13.5	13.5
14	181839066624	13.0	13.0	13.0
15	191939068896	0.0	12.5	12.5
16	171739064671	12.5	12.5	12.5
17	2199934745	0.0	16.0	16.0
18	181839071887	12.0	12.0	12.0
19	181839067624	13.0	13.0	13.0
20	191939067011	0.0	12.5	12.5
21	191939073437	0.0	13.5	13.5
22	171739068249	12.0	12.0	12.0
23	1699933193	0.0	19.0	19.0
24	181839070235	12.0	12.0	12.0
25	171739068395	13.0	13.0	13.0
26	161639076238	13.5	13.5	13.5
27	191939070895	0.0	14.5	14.5
28	191939070524	0.0	12.0	12.0
29	191939072119	0.0	16.0	16.0
30	181839066626	13.5	13.5	13.5
31	191939073636	0.0	15.0	15.0
32	181839066634	13.0	13.0	13.0
33	161639078495	16.5	16.5	16.5
34	181839068434	0.0	13.5	13.5
35	161639057251	0.0	0.0	0.0

36	2199933137	0.0	18.0	18.0
37	181839064404	14.0	14.0	14.0
38	171739075988	12.5	12.5	12.5
39	191939068736	0.0	13.5	13.5
40	191939071360	0.0	18.0	18.0
41	171739065247	11.0	11.0	11.0
42	171739066668	12.5	12.5	12.5
43	181839072654	12.0	12.0	12.0
44	181839069783	12.0	12.0	12.0
45	191939069683	0.0	12.5	12.5
46	191939068724	0.0	12.5	12.5

Signature de l'enseignant:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: TP opérations unitaires / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181839067077	0.0	12.0	12.0
2	191939066898	0.0	16.33	16.33
3	191939068322	0.0	14.68	14.68
4	191939069802	0.0	15.34	15.34
5	191939067680	0.0	17.33	17.33
6	161639057198	0.0	14.68	14.68
7	181839063741	0.0	15.32	15.32
8	191939067715	0.0	17.33	17.33
9	171739075161	0.0	12.0	12.0

10	21089038485	0.0	0.0	0.0
11	191939068668	0.0	15.0	15.0
12	191939063661	0.0	0.0	0.0
13	181839069907	0.0	11.0	11.0
14	191939067097	0.0	15.34	15.34
15	191939066759	0.0	9.24	9.24
16	191939072038	0.0	0.0	0.0
17	181839071177	0.0	17.0	17.0
18	171731028452	0.0	15.32	15.32
19	181839069781	0.0	13.0	13.0
20	191939066887	0.0	9.24	9.24
21	171739070766	0.0	16.0	16.0
22	19119042479	0.0	15.0	15.0
23	171739067352	0.0	0.0	0.0
24	191939065067	0.0	16.34	16.34
25	191939066201	0.0	14.68	14.68
26	161439064065	0.0	13.83	13.83
27	191939072538	0.0	15.68	15.68
28	181839066326	0.0	16.0	16.0
29	191939069816	0.0	15.34	15.34
30	2101940451	0.0	0.0	0.0
31	181839067064	0.0	12.0	12.0
32	161439057901	0.0	13.83	13.83
33	181839063732	0.0	15.32	15.32
34	161639065807	0.0	17.0	17.0
35	191939070517	0.0	15.68	15.68
36	171739065418	0.0	14.0	14.0
37	181839069465	0.0	15.34	15.34
38	191939068850	0.0	16.33	16.33
39	181839065373	0.0	17.0	17.0
40	2198829437	0.0	16.34	16.34
41	181839068288	0.0	15.0	15.0
42	191939068658	0.0	10.23	10.23

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques
Raffinage et pétrochimie

Niveau:

Arrêté d'habilitation de

Matière: TP opérations unitaires / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	191939071703	0.0	16.0	16.0
2	171739055740	0.0	12.0	12.0
3	171739069045	0.0	12.0	12.0
4	181839067081	0.0	12.0	12.0
5	181839071483	0.0	12.0	12.0
6	2195470245	0.0	0.0	0.0
7	191939071359	0.0	15.99	15.99
8	171739055747	0.0	12.0	12.0
9	191939071720	0.0	16.0	16.0
10	181839080146	0.0	17.0	17.0
11	191939073685	0.0	16.0	16.0
12	191939070443	0.0	16.0	16.0
13	181839066314	0.0	16.0	16.0
14	181839066624	0.0	17.0	17.0
15	191939068896	0.0	14.0	14.0
16	171739064671	0.0	13.0	13.0

17	2199934745	0.0	16.34	16.34
18	181839071887	0.0	12.0	12.0
19	181839067624	0.0	13.0	13.0
20	191939067011	0.0	14.83	14.83
21	191939073437	0.0	16.0	16.0
22	171739068249	0.0	10.67	10.67
23	1699933193	0.0	16.82	16.82
24	181839070235	0.0	15.0	15.0
25	171739068395	0.0	13.5	13.5
26	161639076238	0.0	12.0	12.0
27	191939070895	0.0	15.34	15.34
28	191939070524	0.0	16.0	16.0
29	191939072119	0.0	15.49	15.49
30	181839066626	0.0	16.0	16.0
31	191939073636	0.0	16.17	16.17
32	181839066634	0.0	17.0	17.0
33	161639078495	0.0	16.67	16.67
34	181839068434	0.0	17.65	17.65
35	161639057251	0.0	0.0	0.0
36	2199933137	0.0	17.65	17.65
37	181839064404	0.0	14.0	14.0
38	171739075988	0.0	12.67	12.67
39	191939068736	0.0	14.0	14.0
40	191939071360	0.0	16.17	16.17
41	171739065247	0.0	11.0	11.0
42	171739066668	0.0	11.0	11.0
43	181839072654	0.0	12.0	12.0
44	181839069783	0.0	12.0	12.0
45	191939069683	0.0	14.83	14.83
46	191939068724	0.0	14.0	14.0

Signature de l'enseignant:

Le: