

2021/2022

Filière: industries pétrochimiques  
génie pétrochimique

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2012 قرار رقم 1212 المؤرخ في 09 أوت 2012

Matière: Catalyseurs industriels / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	9.0	0.0	9.0	NORMALE
2	171739066273	8.0	0.0	8.0	NORMALE
3	171739071457	7.0	0.0	7.0	NORMALE
4	171739074764	8.0	0.0	8.0	NORMALE
5	171739072770	8.0	0.0	8.0	NORMALE
6	171739068492	10.0	0.0	10.0	NORMALE
7	171739064516	9.0	0.0	9.0	NORMALE
8	171739074738	12.0	0.0	12.0	NORMALE
9	171739071300	13.5	0.0	13.5	NORMALE
10	171739071298	12.0	0.0	12.0	NORMALE
11	161739071451	12.0	0.0	12.0	NORMALE
12	171739069085	12.0	0.0	12.0	NORMALE
13	171739071780	8.0	0.0	8.0	NORMALE
14	171739065454	8.0	0.0	8.0	NORMALE
15	171739064202	7.0	0.0	7.0	NORMALE
16	171739066203	8.0	0.0	8.0	NORMALE
17	181439055972	13.0	0.0	13.0	NORMALE
18	161639075712	11.0	0.0	11.0	NORMALE
19	171739071236	8.0	0.0	8.0	NORMALE
20	171739068219	11.0	0.0	11.0	NORMALE
21	161539076317	7.0	0.0	7.0	NORMALE
22	161639057095	9.0	0.0	9.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	11.0	0.0	11.0	NORMALE
25	171739073743	9.0	0.0	9.0	NORMALE
26	171739071250	8.0	0.0	8.0	NORMALE
27	171739075366	6.0	0.0	6.0	NORMALE
28	171739073782	11.0	0.0	11.0	NORMALE
29	171739071750	8.0	0.0	8.0	NORMALE
30	161634089080	9.0	0.0	9.0	NORMALE
31	171739074815	8.0	0.0	8.0	NORMALE
32	171739075374	10.0	0.0	10.0	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Corrosion et protection des installations / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	10.0	8.4	9.36	NORMALE
2	171739066273	8.0	7.5	7.8	NORMALE
3	171739071457	12.5	10.6	11.74	NORMALE
4	171739074764	10.0	10.4	10.16	NORMALE
5	171739072770	6.0	7.4	6.56	NORMALE
6	171739068492	13.0	10.1	11.84	NORMALE
7	171739064516	14.0	12.7	13.48	NORMALE
8	171739074738	13.0	17.5	14.8	NORMALE
9	171739071300	13.5	9.8	12.02	NORMALE
10	171739071298	13.5	10.2	12.18	NORMALE
11	161739071451	14.0	17.7	15.48	NORMALE
12	171739069085	12.0	19.1	14.84	NORMALE
13	171739071780	15.0	13.1	14.24	NORMALE
14	171739065454	9.5	13.0	10.9	NORMALE
15	171739064202	17.0	16.9	16.96	NORMALE
16	171739066203	16.0	17.5	16.6	NORMALE
17	181439055972	14.0	14.0	14.0	NORMALE
18	161639075712	10.0	10.7	10.28	NORMALE
19	171739071236	10.0	11.5	10.6	NORMALE
20	171739068219	12.0	11.3	11.72	NORMALE
21	161539076317	12.0	10.9	11.56	RATTRAPAGE
22	161639057095	13.0	13.4	13.16	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	12.8	12.8	12.8	NORMALE
25	171739073743	14.5	4.1	10.34	NORMALE
26	171739071250	13.0	11.0	12.2	NORMALE
27	171739075366	12.0	14.5	13.0	NORMALE
28	171739073782	10.5	11.3	10.82	NORMALE
29	171739071750	11.0	4.1	8.24	RATTRAPAGE
30	161634089080	10.0	10.7	10.28	NORMALE
31	171739074815	15.5	14.2	14.98	NORMALE
32	171739075374	10.0	18.0	13.2	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Dimensionnement des équipements pétrochimique / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	5.0	0.0	3.0	NORMALE
2	171739066273	19.5	15.0	17.7	NORMALE
3	171739071457	4.0	0.0	2.4	NORMALE
4	171739074764	11.0	12.0	11.4	NORMALE
5	171739072770	3.0	12.0	6.6	NORMALE
6	171739068492	13.5	13.0	13.3	NORMALE
7	171739064516	11.0	12.0	11.4	NORMALE
8	171739074738	11.0	14.0	12.2	NORMALE
9	171739071300	7.0	12.0	9.0	NORMALE
10	171739071298	6.0	14.0	9.2	NORMALE
11	161739071451	11.0	11.0	11.0	NORMALE
12	171739069085	17.0	16.5	16.8	NORMALE
13	171739071780	16.0	14.5	15.4	NORMALE
14	171739065454	19.5	14.0	17.3	NORMALE
15	171739064202	19.5	13.0	16.9	NORMALE
16	171739066203	17.25	15.0	16.35	NORMALE
17	181439055972	8.4	8.4	8.4	NORMALE
18	161639075712	3.0	12.0	6.6	NORMALE
19	171739071236	15.5	12.0	14.1	NORMALE
20	171739068219	13.5	15.0	14.1	NORMALE
21	161539076317	5.0	12.0	7.8	NORMALE
22	161639057095	12.0	14.0	12.8	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	7.8	7.8	7.8	NORMALE
25	171739073743	10.0	12.0	10.8	NORMALE
26	171739071250	5.0	12.0	7.8	NORMALE
27	171739075366	11.0	17.0	13.4	NORMALE
28	171739073782	16.0	12.0	14.4	NORMALE
29	171739071750	5.0	0.0	3.0	NORMALE
30	161634089080	8.0	13.0	10.0	NORMALE
31	171739074815	10.0	12.0	10.8	NORMALE
32	171739075374	9.0	12.0	10.2	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Management des entreprises pétrolières / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	16.0	0.0	16.0	NORMALE
2	171739066273	11.0	0.0	11.0	NORMALE
3	171739071457	12.0	0.0	12.0	NORMALE
4	171739074764	17.0	0.0	17.0	NORMALE
5	171739072770	15.0	0.0	15.0	NORMALE
6	171739068492	11.0	0.0	11.0	NORMALE
7	171739064516	11.0	0.0	11.0	NORMALE
8	171739074738	18.0	0.0	18.0	NORMALE
9	171739071300	12.0	0.0	12.0	NORMALE
10	171739071298	15.0	0.0	15.0	NORMALE
11	161739071451	12.0	0.0	12.0	NORMALE
12	171739069085	15.0	0.0	15.0	NORMALE
13	171739071780	17.0	0.0	17.0	NORMALE
14	171739065454	12.0	0.0	12.0	NORMALE
15	171739064202	15.0	0.0	15.0	NORMALE
16	171739066203	10.0	0.0	10.0	NORMALE
17	181439055972	14.5	0.0	14.5	NORMALE
18	161639075712	13.0	0.0	13.0	NORMALE
19	171739071236	18.0	0.0	18.0	NORMALE
20	171739068219	10.0	0.0	10.0	NORMALE
21	161539076317	13.0	0.0	13.0	NORMALE
22	161639057095	18.0	0.0	18.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	13.5	0.0	13.5	NORMALE
25	171739073743	11.0	0.0	11.0	NORMALE
26	171739071250	13.0	0.0	13.0	NORMALE
27	171739075366	10.0	0.0	10.0	NORMALE
28	171739073782	10.0	0.0	10.0	NORMALE
29	171739071750	10.0	0.0	10.0	NORMALE
30	161634089080	10.0	0.0	10.0	NORMALE
31	171739074815	12.0	0.0	12.0	NORMALE
32	171739075374	11.0	0.0	11.0	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Pompes et Compresseurs / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	6.0	0.0	6.0	NORMALE
2	171739066273	7.0	0.0	7.0	NORMALE
3	171739071457	6.0	0.0	6.0	NORMALE
4	171739074764	10.0	0.0	10.0	NORMALE
5	171739072770	10.0	0.0	10.0	NORMALE
6	171739068492	11.0	0.0	11.0	NORMALE
7	171739064516	10.0	0.0	10.0	NORMALE
8	171739074738	15.0	0.0	15.0	NORMALE
9	171739071300	14.5	0.0	14.5	NORMALE
10	171739071298	10.5	0.0	10.5	NORMALE
11	161739071451	13.0	0.0	13.0	NORMALE
12	171739069085	13.0	0.0	13.0	NORMALE
13	171739071780	10.0	0.0	10.0	NORMALE
14	171739065454	10.0	0.0	10.0	NORMALE
15	171739064202	10.0	0.0	10.0	NORMALE
16	171739066203	11.5	0.0	11.5	NORMALE
17	181439055972	4.0	0.0	4.0	NORMALE
18	161639075712	11.0	0.0	11.0	NORMALE
19	171739071236	7.0	0.0	7.0	NORMALE
20	171739068219	10.0	0.0	10.0	NORMALE
21	161539076317	6.0	0.0	6.0	NORMALE
22	161639057095	10.0	0.0	10.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	8.0	0.0	8.0	NORMALE
25	171739073743	7.0	0.0	7.0	NORMALE
26	171739071250	5.5	0.0	5.5	NORMALE
27	171739075366	12.5	0.0	12.5	NORMALE
28	171739073782	10.0	0.0	10.0	NORMALE
29	171739071750	8.0	0.0	8.0	NORMALE
30	161634089080	8.0	0.0	8.0	NORMALE
31	171739074815	10.0	0.0	10.0	NORMALE
32	171739075374	7.0	0.0	7.0	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Recherche documentaire et conception de mémoire / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	10.0	0.0	10.0	NORMALE
2	171739066273	11.5	0.0	11.5	NORMALE
3	171739071457	10.0	0.0	10.0	NORMALE
4	171739074764	10.0	0.0	10.0	NORMALE
5	171739072770	11.5	0.0	11.5	NORMALE
6	171739068492	10.0	0.0	10.0	NORMALE
7	171739064516	10.0	0.0	10.0	NORMALE
8	171739074738	12.0	0.0	12.0	NORMALE
9	171739071300	13.5	0.0	13.5	NORMALE
10	171739071298	14.0	0.0	14.0	NORMALE
11	161739071451	14.0	0.0	14.0	NORMALE
12	171739069085	11.5	0.0	11.5	NORMALE
13	171739071780	10.0	0.0	10.0	NORMALE
14	171739065454	13.0	0.0	13.0	NORMALE
15	171739064202	10.0	0.0	10.0	NORMALE
16	171739066203	10.0	0.0	10.0	NORMALE
17	181439055972	12.0	0.0	12.0	NORMALE
18	161639075712	15.5	0.0	15.5	NORMALE
19	171739071236	10.0	0.0	10.0	NORMALE
20	171739068219	10.0	0.0	10.0	NORMALE
21	161539076317	10.0	0.0	10.0	NORMALE
22	161639057095	12.0	0.0	12.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	0.0	0.0	0.0	NORMALE
25	171739073743	10.0	0.0	10.0	NORMALE
26	171739071250	10.0	0.0	10.0	NORMALE
27	171739075366	10.0	0.0	10.0	NORMALE
28	171739073782	10.0	0.0	10.0	NORMALE
29	171739071750	17.0	0.0	17.0	NORMALE
30	161634089080	11.5	0.0	11.5	NORMALE
31	171739074815	15.5	0.0	15.5	NORMALE
32	171739075374	12.0	0.0	12.0	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Régulation et instrumentation / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	10.0	0.0	10.0	NORMALE
2	171739066273	12.0	0.0	12.0	NORMALE
3	171739071457	12.0	0.0	12.0	NORMALE
4	171739074764	11.0	0.0	11.0	NORMALE
5	171739072770	13.0	0.0	13.0	NORMALE
6	171739068492	10.0	0.0	10.0	NORMALE
7	171739064516	12.5	0.0	12.5	NORMALE
8	171739074738	10.0	0.0	10.0	NORMALE
9	171739071300	12.5	0.0	12.5	NORMALE
10	171739071298	11.0	0.0	11.0	NORMALE
11	161739071451	10.5	0.0	10.5	NORMALE
12	171739069085	12.5	0.0	12.5	NORMALE
13	171739071780	10.0	0.0	10.0	NORMALE
14	171739065454	10.0	0.0	10.0	NORMALE
15	171739064202	10.5	0.0	10.5	NORMALE
16	171739066203	12.0	0.0	12.0	NORMALE
17	181439055972	7.0	0.0	7.0	NORMALE
18	161639075712	10.0	0.0	10.0	NORMALE
19	171739071236	13.0	0.0	13.0	NORMALE
20	171739068219	13.0	0.0	13.0	NORMALE
21	161539076317	11.0	0.0	11.0	NORMALE
22	161639057095	9.0	0.0	9.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	10.0	0.0	10.0	NORMALE
25	171739073743	12.0	0.0	12.0	NORMALE
26	171739071250	11.5	0.0	11.5	NORMALE
27	171739075366	8.5	0.0	8.5	NORMALE
28	171739073782	11.5	0.0	11.5	NORMALE
29	171739071750	10.0	0.0	10.0	NORMALE
30	161634089080	10.0	0.0	10.0	NORMALE
31	171739074815	13.0	0.0	13.0	NORMALE
32	171739075374	14.0	0.0	14.0	NORMALE

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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Simulation et optimisation des procédés / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	14.2	14.8	14.44	NORMALE
2	171739066273	16.0	13.6	15.04	NORMALE
3	171739071457	10.0	12.8	11.12	NORMALE
4	171739074764	12.0	14.0	12.8	NORMALE
5	171739072770	6.0	17.0	10.4	NORMALE
6	171739068492	13.5	16.6	14.74	NORMALE
7	171739064516	12.0	15.8	13.52	NORMALE
8	171739074738	13.0	15.2	13.88	NORMALE
9	171739071300	15.0	15.2	15.08	NORMALE
10	171739071298	15.0	14.4	14.76	NORMALE
11	161739071451	14.0	15.2	14.48	NORMALE
12	171739069085	18.5	17.6	18.14	NORMALE
13	171739071780	18.5	18.8	18.62	NORMALE
14	171739065454	14.0	17.6	15.44	NORMALE
15	171739064202	17.0	16.6	16.84	NORMALE
16	171739066203	16.0	12.8	14.72	NORMALE
17	181439055972	10.8	10.8	10.8	NORMALE
18	161639075712	13.0	9.8	11.72	NORMALE
19	171739071236	13.0	14.0	13.4	NORMALE
20	171739068219	14.0	15.6	14.64	NORMALE
21	161539076317	11.0	9.0	10.2	RATTRAPAGE
22	161639057095	11.0	10.2	10.68	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	10.0	10.0	10.0	NORMALE
25	171739073743	12.0	9.0	10.8	NORMALE
26	171739071250	11.5	11.6	11.54	NORMALE
27	171739075366	11.0	10.8	10.92	NORMALE
28	171739073782	12.0	14.0	12.8	NORMALE
29	171739071750	9.0	4.8	7.32	NORMALE
30	161634089080	8.0	10.0	8.8	NORMALE
31	171739074815	17.0	14.0	15.8	NORMALE
32	171739075374	18.5	17.6	18.14	NORMALE



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Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: Stockage et transport des produits pétroliers / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	3.0	4.4	3.56	NORMALE
2	171739066273	10.0	10.0	10.0	NORMALE
3	171739071457	7.0	10.9	8.56	NORMALE
4	171739074764	11.0	12.0	11.4	NORMALE
5	171739072770	11.0	10.2	10.68	NORMALE
6	171739068492	11.0	10.2	10.68	NORMALE
7	171739064516	8.0	12.7	9.88	NORMALE
8	171739074738	13.0	10.2	11.88	NORMALE
9	171739071300	14.0	11.4	12.96	NORMALE
10	171739071298	13.5	13.2	13.38	NORMALE
11	161739071451	13.0	11.4	12.36	NORMALE
12	171739069085	15.0	10.6	13.24	NORMALE
13	171739071780	12.0	12.6	12.24	NORMALE
14	171739065454	11.0	11.6	11.24	NORMALE
15	171739064202	11.0	13.9	12.16	NORMALE
16	171739066203	7.0	14.5	10.0	NORMALE
17	181439055972	4.2	4.2	4.2	NORMALE
18	161639075712	8.0	9.2	8.48	NORMALE
19	171739071236	11.0	10.2	10.68	NORMALE
20	171739068219	7.0	10.2	8.28	NORMALE
21	161539076317	6.0	10.0	7.6	RATTRAPAGE
22	161639057095	5.0	9.2	6.68	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	0.0	0.0	0.0	NORMALE
25	171739073743	7.0	13.3	9.52	NORMALE
26	171739071250	8.0	10.1	8.84	NORMALE
27	171739075366	13.0	12.2	12.68	NORMALE
28	171739073782	10.0	11.0	10.4	NORMALE
29	171739071750	10.0	8.3	9.32	RATTRAPAGE
30	161634089080	6.0	13.0	8.8	NORMALE
31	171739074815	11.0	13.2	11.88	NORMALE
32	171739075374	6.0	13.9	9.16	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: TP Corrosion / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	0.0	15.5	15.5	NORMALE
2	171739066273	0.0	15.5	15.5	NORMALE
3	171739071457	0.0	17.17	17.17	NORMALE
4	171739074764	0.0	15.83	15.83	NORMALE
5	171739072770	0.0	15.83	15.83	NORMALE
6	171739068492	0.0	15.5	15.5	NORMALE
7	171739064516	0.0	16.5	16.5	NORMALE
8	171739074738	0.0	16.33	16.33	NORMALE
9	171739071300	0.0	15.83	15.83	NORMALE
10	171739071298	0.0	15.83	15.83	NORMALE
11	161739071451	0.0	15.83	15.83	NORMALE
12	171739069085	0.0	16.33	16.33	NORMALE
13	171739071780	0.0	16.33	16.33	NORMALE
14	171739065454	0.0	15.5	15.5	NORMALE
15	171739064202	0.0	16.5	16.5	NORMALE
16	171739066203	0.0	16.5	16.5	NORMALE
17	181439055972	0.0	10.5	10.5	NORMALE
18	161639075712	0.0	15.5	15.5	NORMALE
19	171739071236	0.0	15.83	15.83	NORMALE
20	171739068219	0.0	15.5	15.5	NORMALE
21	161539076317	0.0	15.5	15.5	NORMALE
22	161639057095	0.0	16.33	16.33	NORMALE
23	18129054464	0.0	11.17	11.17	NORMALE
24	181439056265	0.0	11.17	11.17	NORMALE
25	171739073743	0.0	15.5	15.5	NORMALE
26	171739071250	0.0	15.83	15.83	NORMALE
27	171739075366	0.0	15.5	15.5	NORMALE
28	171739073782	0.0	15.5	15.5	NORMALE
29	171739071750	0.0	17.17	17.17	NORMALE
30	161634089080	0.0	15.5	15.5	NORMALE
31	171739074815	0.0	15.83	15.83	NORMALE
32	171739075374	0.0	16.5	16.5	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: TP préparation des catalyseurs industriels / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	0.0	12.5	12.5	NORMALE
2	171739066273	0.0	10.5	10.5	NORMALE
3	171739071457	0.0	0.0	0.0	NORMALE
4	171739074764	0.0	14.0	14.0	NORMALE
5	171739072770	0.0	14.0	14.0	NORMALE
6	171739068492	0.0	12.5	12.5	NORMALE
7	171739064516	0.0	13.5	13.5	NORMALE
8	171739074738	0.0	13.0	13.0	NORMALE
9	171739071300	0.0	13.5	13.5	NORMALE
10	171739071298	0.0	13.5	13.5	NORMALE
11	161739071451	0.0	13.5	13.5	NORMALE
12	171739069085	0.0	13.0	13.0	NORMALE
13	171739071780	0.0	13.0	13.0	NORMALE
14	171739065454	0.0	12.0	12.0	NORMALE
15	171739064202	0.0	13.5	13.5	NORMALE
16	171739066203	0.0	13.5	13.5	NORMALE
17	181439055972	0.0	13.0	13.0	NORMALE
18	161639075712	0.0	12.0	12.0	NORMALE
19	171739071236	0.0	14.0	14.0	NORMALE
20	171739068219	0.0	12.5	12.5	NORMALE
21	161539076317	0.0	12.5	12.5	NORMALE
22	161639057095	0.0	13.0	13.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	0.0	0.0	0.0	NORMALE
25	171739073743	0.0	10.5	10.5	NORMALE
26	171739071250	0.0	13.5	13.5	NORMALE
27	171739075366	0.0	12.0	12.0	NORMALE
28	171739073782	0.0	12.0	12.0	NORMALE
29	171739071750	0.0	0.0	0.0	NORMALE
30	161634089080	0.0	10.5	10.5	NORMALE
31	171739074815	0.0	14.0	14.0	NORMALE
32	171739075374	0.0	13.5	13.5	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie pétrochimique

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

Matière: TP Simulation et optimisation des procédés / Section A / 1

**PV de délibération par matière (Session Rattrapage)**

#	Matricule	Examen	CC	MG	Session
1	18119048723	0.0	15.0	15.0	NORMALE
2	171739066273	0.0	15.0	15.0	NORMALE
3	171739071457	0.0	14.0	14.0	NORMALE
4	171739074764	0.0	14.0	14.0	NORMALE
5	171739072770	0.0	15.0	15.0	NORMALE
6	171739068492	0.0	14.0	14.0	NORMALE
7	171739064516	0.0	16.0	16.0	NORMALE
8	171739074738	0.0	14.0	14.0	NORMALE
9	171739071300	0.0	15.0	15.0	NORMALE
10	171739071298	0.0	15.0	15.0	NORMALE
11	161739071451	0.0	13.0	13.0	NORMALE
12	171739069085	0.0	14.0	14.0	NORMALE
13	171739071780	0.0	15.0	15.0	NORMALE
14	171739065454	0.0	16.0	16.0	NORMALE
15	171739064202	0.0	16.0	16.0	NORMALE
16	171739066203	0.0	16.0	16.0	NORMALE
17	181439055972	0.0	13.0	13.0	NORMALE
18	161639075712	0.0	16.0	16.0	NORMALE
19	171739071236	0.0	15.0	15.0	NORMALE
20	171739068219	0.0	14.0	14.0	NORMALE
21	161539076317	0.0	14.0	14.0	NORMALE
22	161639057095	0.0	14.0	14.0	NORMALE
23	18129054464	0.0	0.0	0.0	NORMALE
24	181439056265	0.0	10.0	10.0	NORMALE
25	171739073743	0.0	15.0	15.0	NORMALE
26	171739071250	0.0	13.0	13.0	NORMALE
27	171739075366	0.0	16.0	16.0	NORMALE
28	171739073782	0.0	16.0	16.0	NORMALE
29	171739071750	0.0	15.0	15.0	NORMALE
30	161634089080	0.0	15.0	15.0	NORMALE
31	171739074815	0.0	14.0	14.0	NORMALE
32	171739075374	0.0	15.0	15.0	NORMALE