

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Anglais Technique et Terminologie / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	181839072338	5.0	0.0	5.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	10.0	0.0	10.0	NORMALE
4	181839073100	8.0	0.0	8.0	NORMALE
5	161639076723	8.0	0.0	8.0	NORMALE
6	171739071143	11.0	0.0	11.0	RATTRAPAGE
7	171739074366	11.0	0.0	11.0	NORMALE
8	161639069982	15.5	0.0	15.5	NORMALE
9	161639076724	6.0	0.0	6.0	NORMALE
10	171739074200	10.0	0.0	10.0	NORMALE
11	171739074290	9.0	0.0	9.0	NORMALE
12	181839072340	7.0	0.0	7.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	16.5	0.0	16.5	NORMALE
15	161639067859	10.0	0.0	10.0	NORMALE
16	161639074262	12.0	0.0	12.0	NORMALE
17	181839064492	12.0	0.0	12.0	RATTRAPAGE
18	151539070140	12.0	0.0	12.0	NORMALE
19	161639076220	10.0	0.0	10.0	NORMALE
20	171739074319	8.0	0.0	8.0	NORMALE
21	171739071174	12.0	0.0	12.0	NORMALE
22	181839065386	9.0	0.0	9.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	7.0	0.0	7.0	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	10.0	0.0	10.0	NORMALE
28	171739064752	10.0	0.0	10.0	NORMALE
29	171739051097	14.0	0.0	14.0	RATTRAPAGE
30	161639076851	10.0	0.0	10.0	NORMALE
31	161639069032	10.0	0.0	10.0	NORMALE
32	181839065231	10.5	0.0	10.5	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	10.0	0.0	10.0	NORMALE
35	161639083661	0.0	0.0	0.0	NORMALE
36	171739075357	10.0	0.0	10.0	NORMALE
37	161639078503	10.5	0.0	10.5	NORMALE
38	171739068364	11.0	0.0	11.0	RATTRAPAGE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	18.0	0.0	18.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	0.0	0.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	10.0	0.0	10.0	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	0.0	0.0	NORMALE
48	20129053237	10.0	0.0	10.0	NORMALE
49	161539072610	10.0	0.0	10.0	RATTRAPAGE
50	161439057995	10.0	0.0	10.0	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Catalyseurs Industriels / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	181839072338	1.0	0.0	1.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	9.0	0.0	9.0	NORMALE
4	181839073100	2.0	0.0	2.0	NORMALE
5	161639076723	7.0	0.0	7.0	RATTRAPAGE
6	171739071143	4.5	0.0	4.5	RATTRAPAGE
7	171739074366	7.0	0.0	7.0	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	0.5	0.0	0.5	NORMALE
10	171739074200	5.0	0.0	5.0	NORMALE
11	171739074290	9.0	0.0	9.0	NORMALE
12	181839072340	1.0	0.0	1.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	15.0	0.0	15.0	NORMALE
15	161639067859	0.0	0.0	0.0	NORMALE
16	161639074262	7.0	0.0	7.0	NORMALE
17	181839064492	12.0	0.0	12.0	NORMALE
18	151539070140	0.0	0.0	0.0	NORMALE
19	161639076220	12.0	0.0	12.0	NORMALE
20	171739074319	7.0	0.0	7.0	NORMALE
21	171739071174	1.0	0.0	1.0	NORMALE
22	181839065386	10.0	0.0	10.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	9.0	0.0	9.0	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	15.0	0.0	15.0	NORMALE
28	171739064752	2.0	0.0	2.0	NORMALE
29	171739051097	7.0	0.0	7.0	NORMALE
30	161639076851	4.0	0.0	4.0	RATTRAPAGE
31	161639069032	10.0	0.0	10.0	NORMALE
32	181839065231	10.0	0.0	10.0	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	5.0	0.0	5.0	RATTRAPAGE
35	161639083661	10.0	0.0	10.0	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	7.0	0.0	7.0	RATTRAPAGE
38	171739068364	4.0	0.0	4.0	RATTRAPAGE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	7.0	0.0	7.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	7.0	0.0	7.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	14.0	0.0	14.0	NORMALE
45	181539070542	6.0	0.0	6.0	RATTRAPAGE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	11.0	0.0	11.0	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	2.0	0.0	2.0	NORMALE
50	161439057995	10.0	0.0	10.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Du Brut aux Produits / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	181839072338	6.5	0.0	3.9	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	8.5	8.9	8.66	NORMALE
4	181839073100	5.5	0.0	3.3	NORMALE
5	161639076723	6.0	8.3	6.92	NORMALE
6	171739071143	13.78	13.78	13.78	NORMALE
7	171739074366	6.0	3.0	4.8	NORMALE
8	161639069982	14.95	14.95	14.95	NORMALE
9	161639076724	14.75	14.75	14.75	NORMALE
10	171739074200	7.0	3.0	5.4	NORMALE
11	171739074290	7.5	4.0	6.1	NORMALE
12	181839072340	7.0	0.0	4.2	RATTRAPAGE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	16.0	14.0	15.2	NORMALE
15	161639067859	11.54	11.54	11.54	NORMALE
16	161639074262	5.5	11.3	7.82	NORMALE
17	181839064492	8.0	8.9	8.36	NORMALE
18	151539070140	7.0	8.2	7.48	NORMALE
19	161639076220	7.0	10.1	8.24	NORMALE
20	171739074319	7.5	7.9	7.66	NORMALE
21	171739071174	12.65	12.65	12.65	NORMALE
22	181839065386	12.5	7.9	10.66	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	12.0	10.5	11.4	RATTRAPAGE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	7.0	0.0	4.2	NORMALE
28	171739064752	13.35	13.35	13.35	NORMALE
29	171739051097	11.5	10.8	11.22	RATTRAPAGE
30	161639076851	12.49	12.49	12.49	NORMALE
31	161639069032	10.63	10.63	10.63	NORMALE
32	181839065231	10.0	9.8	9.92	RATTRAPAGE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	9.0	12.0	10.2	NORMALE
35	161639083661	11.09	11.09	11.09	NORMALE
36	171739075357	15.06	15.06	15.06	NORMALE
37	161639078503	13.0	11.0	12.2	NORMALE
38	171739068364	10.5	7.1	9.14	RATTRAPAGE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	12.49	12.49	12.49	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	0.0	0.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	9.0	7.2	8.28	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	14.85	14.85	14.85	NORMALE
48	20129053237	10.25	10.25	10.25	NORMALE
49	161539072610	2.5	0.0	1.5	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Génie de La Réaction : Réacteurs Homogènes / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839072338	1.5	0.0	0.9	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	8.0	0.0	4.8	RATTRAPAGE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	1.0	0.75	0.9	NORMALE
6	171739071143	9.0	9.0	9.0	NORMALE
7	171739074366	0.0	0.0	0.0	NORMALE
8	161639069982	3.6	3.6	3.6	NORMALE
9	161639076724	4.2	4.2	4.2	NORMALE
10	171739074200	0.0	0.75	0.3	NORMALE
11	171739074290	0.0	0.0	0.0	NORMALE
12	181839072340	0.0	0.0	0.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	10.0	12.75	11.1	NORMALE
15	161639067859	0.0	0.75	0.3	NORMALE
16	161639074262	1.0	0.0	0.6	RATTRAPAGE
17	181839064492	0.0	0.0	0.0	NORMALE
18	151539070140	0.0	0.75	0.3	NORMALE
19	161639076220	0.0	0.0	0.0	NORMALE
20	171739074319	0.0	0.75	0.3	NORMALE
21	171739071174	2.0	0.0	1.2	NORMALE
22	181839065386	0.0	0.75	0.3	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	1.5	5.62	3.15	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	0.0	0.0	0.0	NORMALE
28	171739064752	0.5	4.75	2.2	NORMALE
29	171739051097	0.0	2.06	0.82	NORMALE
30	161639076851	0.75	0.75	0.75	NORMALE
31	161639069032	1.0	0.0	0.6	NORMALE
32	181839065231	0.0	0.75	0.3	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	6.0	6.75	6.3	RATTRAPAGE
35	161639083661	0.0	0.0	0.0	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	1.0	5.62	2.85	NORMALE
38	171739068364	0.0	0.0	0.0	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	0.0	0.0	0.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	0.0	0.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	0.0	0.0	0.0	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	0.0	0.0	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	2.0	0.0	1.2	RATTRAPAGE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Génie des Séparations / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	181839072338	1.0	13.5	6.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	10.0	17.0	12.8	NORMALE
4	181839073100	1.0	0.0	0.6	NORMALE
5	161639076723	13.0	13.0	13.0	NORMALE
6	171739071143	6.0	16.0	10.0	NORMALE
7	171739074366	10.0	12.0	10.8	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	1.0	0.0	0.6	NORMALE
10	171739074200	10.0	16.0	12.4	NORMALE
11	171739074290	4.0	13.0	7.6	RATTRAPAGE
12	181839072340	3.0	8.0	5.0	RATTRAPAGE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	13.0	18.5	15.2	NORMALE
15	161639067859	5.0	9.5	6.8	RATTRAPAGE
16	161639074262	4.0	8.5	5.8	NORMALE
17	181839064492	10.0	16.5	12.6	NORMALE
18	151539070140	10.0	13.5	11.4	NORMALE
19	161639076220	10.0	15.0	12.0	NORMALE
20	171739074319	10.5	12.0	11.1	NORMALE
21	171739071174	14.0	13.0	13.6	NORMALE
22	181839065386	15.5	12.5	14.3	RATTRAPAGE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	2.5	13.0	6.7	NORMALE
25	171739071720	0.0	9.5	3.8	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	8.0	7.0	7.6	NORMALE
28	171739064752	13.0	15.0	13.8	NORMALE
29	171739051097	10.0	13.5	11.4	NORMALE
30	161639076851	14.5	12.0	13.5	NORMALE
31	161639069032	6.0	12.0	8.4	RATTRAPAGE
32	181839065231	14.0	13.5	13.8	RATTRAPAGE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	7.5	15.0	10.5	NORMALE
35	161639083661	3.0	12.0	6.6	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	7.5	17.0	11.3	NORMALE
38	171739068364	11.0	14.0	12.2	RATTRAPAGE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.0	12.5	11.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	0.0	0.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	3.0	14.0	7.4	RATTRAPAGE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	0.0	0.0	NORMALE
48	20129053237	10.9	10.9	10.9	NORMALE
49	161539072610	3.0	0.0	1.8	RATTRAPAGE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Industrie des Gaz Industriels / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839072338	4.0	0.0	4.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	14.5	0.0	14.5	NORMALE
4	181839073100	6.0	0.0	6.0	NORMALE
5	161639076723	14.0	0.0	14.0	RATTRAPAGE
6	171739071143	15.0	0.0	15.0	NORMALE
7	171739074366	9.0	0.0	9.0	RATTRAPAGE
8	161639069982	13.0	0.0	13.0	NORMALE
9	161639076724	11.0	0.0	11.0	NORMALE
10	171739074200	9.0	0.0	9.0	RATTRAPAGE
11	171739074290	11.0	0.0	11.0	RATTRAPAGE
12	181839072340	9.0	0.0	9.0	RATTRAPAGE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	13.5	0.0	13.5	NORMALE
15	161639067859	16.5	0.0	16.5	NORMALE
16	161639074262	11.5	0.0	11.5	NORMALE
17	181839064492	13.0	0.0	13.0	NORMALE
18	151539070140	7.0	0.0	7.0	NORMALE
19	161639076220	16.5	0.0	16.5	NORMALE
20	171739074319	10.0	0.0	10.0	RATTRAPAGE
21	171739071174	15.0	0.0	15.0	NORMALE
22	181839065386	8.0	0.0	8.0	RATTRAPAGE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	11.5	0.0	11.5	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	12.0	0.0	12.0	NORMALE
28	171739064752	11.0	0.0	11.0	NORMALE
29	171739051097	11.5	0.0	11.5	NORMALE
30	161639076851	15.5	0.0	15.5	NORMALE
31	161639069032	10.0	0.0	10.0	NORMALE
32	181839065231	8.0	0.0	8.0	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	10.0	0.0	10.0	RATTRAPAGE
35	161639083661	16.0	0.0	16.0	NORMALE
36	171739075357	10.5	0.0	10.5	NORMALE
37	161639078503	15.0	0.0	15.0	NORMALE
38	171739068364	13.0	0.0	13.0	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	14.0	0.0	14.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	15.5	0.0	15.5	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	12.0	0.0	12.0	NORMALE
45	181539070542	10.0	0.0	10.0	RATTRAPAGE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	17.5	0.0	17.5	NORMALE
48	20129053237	10.0	0.0	10.0	NORMALE
49	161539072610	9.5	0.0	9.5	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Phénomènes de Transfert II / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839072338	7.5	10.0	8.5	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	12.0	10.0	11.2	NORMALE
4	181839073100	4.5	5.0	4.7	NORMALE
5	161639076723	13.0	7.0	10.6	NORMALE
6	171739071143	10.0	8.0	9.2	NORMALE
7	171739074366	5.0	5.0	5.0	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	3.0	3.0	3.0	NORMALE
10	171739074200	9.0	9.0	9.0	NORMALE
11	171739074290	3.5	12.0	6.9	RATTRAPAGE
12	181839072340	9.5	10.0	9.7	NORMALE
13	21089053634	0.0	8.0	3.2	NORMALE
14	181836049736	17.0	12.0	15.0	NORMALE
15	161639067859	7.5	9.0	8.1	RATTRAPAGE
16	161639074262	10.5	12.0	11.1	NORMALE
17	181839064492	13.5	12.0	12.9	NORMALE
18	151539070140	6.0	8.0	6.8	NORMALE
19	161639076220	7.5	6.0	6.9	NORMALE
20	171739074319	5.5	11.0	7.7	RATTRAPAGE
21	171739071174	8.0	10.0	8.8	NORMALE
22	181839065386	10.0	12.0	10.8	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	10.5	5.0	8.3	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	7.0	0.0	4.2	NORMALE
28	171739064752	13.5	7.0	10.9	NORMALE
29	171739051097	12.0	10.0	11.2	NORMALE
30	161639076851	8.5	9.0	8.7	NORMALE
31	161639069032	2.0	10.0	5.2	NORMALE
32	181839065231	10.0	11.0	10.4	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	10.5	14.0	11.9	NORMALE
35	161639083661	2.5	0.0	1.5	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	9.5	5.0	7.7	NORMALE
38	171739068364	2.5	9.0	5.1	RATTRAPAGE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	9.0	8.0	8.6	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	0.0	0.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	6.0	7.0	6.4	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	0.0	0.0	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	7.5	0.0	4.5	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Sécurité des Procédés Industriels / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	181839072338	1.0	0.0	1.0	RATTRAPAGE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	15.0	0.0	15.0	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	11.0	0.0	11.0	NORMALE
6	171739071143	5.0	0.0	5.0	NORMALE
7	171739074366	10.0	0.0	10.0	RATTRAPAGE
8	161639069982	20.0	0.0	20.0	NORMALE
9	161639076724	9.5	0.0	9.5	NORMALE
10	171739074200	6.0	0.0	6.0	RATTRAPAGE
11	171739074290	6.5	0.0	6.5	NORMALE
12	181839072340	3.0	0.0	3.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	14.0	0.0	14.0	NORMALE
15	161639067859	8.0	0.0	8.0	NORMALE
16	161639074262	10.0	0.0	10.0	NORMALE
17	181839064492	10.5	0.0	10.5	NORMALE
18	151539070140	10.0	0.0	10.0	NORMALE
19	161639076220	16.0	0.0	16.0	NORMALE
20	171739074319	10.0	0.0	10.0	NORMALE
21	171739071174	19.0	0.0	19.0	NORMALE
22	181839065386	12.0	0.0	12.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	6.0	0.0	6.0	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	12.0	0.0	12.0	NORMALE
27	16069039979	15.0	0.0	15.0	NORMALE
28	171739064752	9.0	0.0	9.0	NORMALE
29	171739051097	14.0	0.0	14.0	NORMALE
30	161639076851	13.0	0.0	13.0	NORMALE
31	161639069032	12.0	0.0	12.0	NORMALE
32	181839065231	10.0	0.0	10.0	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	12.0	0.0	12.0	NORMALE
35	161639083661	12.0	0.0	12.0	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	12.0	0.0	12.0	NORMALE
38	171739068364	11.0	0.0	11.0	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	11.5	0.0	11.5	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	11.0	0.0	11.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	13.0	0.0	13.0	NORMALE
45	181539070542	11.5	0.0	11.5	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	11.5	0.0	11.5	NORMALE
48	20129053237	15.0	0.0	15.0	NORMALE
49	161539072610	11.0	0.0	11.0	NORMALE
50	161439057995	11.5	0.0	11.5	NORMALE

Signature de l'enseignant:

Le:

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2021/2022

Filière: industries pétrochimiques  
génie du raffinage

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

Matière: Thermodynamique : Application à L'industrie Pétrolière / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839072338	1.0	6.0	3.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	4.5	10.0	6.7	RATTRAPAGE
4	181839073100	0.0	8.0	3.2	NORMALE
5	161639076723	4.5	10.0	6.7	RATTRAPAGE
6	171739071143	4.0	7.0	5.2	NORMALE
7	171739074366	4.5	8.0	5.9	RATTRAPAGE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	2.0	0.0	1.2	NORMALE
10	171739074200	4.0	8.0	5.6	NORMALE
11	171739074290	5.0	7.0	5.8	NORMALE
12	181839072340	1.0	5.0	2.6	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	15.0	15.0	15.0	NORMALE
15	161639067859	1.0	10.0	4.6	NORMALE
16	161639074262	1.0	9.0	4.2	NORMALE
17	181839064492	8.0	10.0	8.8	RATTRAPAGE
18	151539070140	3.0	10.0	5.8	NORMALE
19	161639076220	4.0	6.0	4.8	NORMALE
20	171739074319	4.0	5.0	4.4	RATTRAPAGE
21	171739071174	5.0	10.0	7.0	NORMALE
22	181839065386	7.5	12.0	9.3	RATTRAPAGE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	7.5	9.0	8.1	RATTRAPAGE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	5.0	0.0	3.0	NORMALE
28	171739064752	5.0	14.0	8.6	NORMALE
29	171739051097	11.0	10.0	10.6	RATTRAPAGE
30	161639076851	5.0	10.0	7.0	NORMALE
31	161639069032	7.15	7.15	7.15	NORMALE
32	181839065231	10.0	8.0	9.2	RATTRAPAGE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	5.0	6.0	5.4	NORMALE
35	161639083661	2.0	0.0	1.2	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	5.0	9.0	6.6	NORMALE
38	171739068364	4.0	7.0	5.2	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.0	6.0	8.4	RATTRAPAGE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	8.5	8.5	8.5	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	2.0	5.0	3.2	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	0.0	0.0	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	3.0	0.0	1.8	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

2021/2022

Filière: industries pétrochimiques  
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de formation: قرار رقم 1212 الموزع في 09 أوت 2009

Matière: TP Réacteurs Génie des Séparations / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	12.25	12.25	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	0.0	13.63	13.63	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	0.0	14.38	14.38	NORMALE
6	171739071143	0.0	14.31	14.31	NORMALE
7	171739074366	0.0	13.88	13.88	NORMALE
8	161639069982	0.0	10.13	10.13	NORMALE
9	161639076724	0.0	14.0	14.0	NORMALE
10	171739074200	0.0	13.88	13.88	NORMALE
11	171739074290	0.0	13.88	13.88	NORMALE
12	181839072340	0.0	12.25	12.25	NORMALE
13	21089053634	0.0	13.88	13.88	NORMALE
14	181836049736	0.0	13.63	13.63	NORMALE
15	161639067859	0.0	10.13	10.13	NORMALE
16	161639074262	0.0	14.38	14.38	NORMALE
17	181839064492	0.0	11.88	11.88	NORMALE
18	151539070140	0.0	13.62	13.62	NORMALE
19	161639076220	0.0	11.19	11.19	NORMALE
20	171739074319	0.0	11.88	11.88	NORMALE
21	171739071174	0.0	14.69	14.69	NORMALE
22	181839065386	0.0	11.88	11.88	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	0.0	13.38	13.38	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	0.0	13.0	13.0	NORMALE
28	171739064752	0.0	14.0	14.0	NORMALE
29	171739051097	0.0	13.88	13.88	NORMALE
30	161639076851	0.0	12.94	12.94	NORMALE
31	161639069032	0.0	13.0	13.0	NORMALE
32	181839065231	0.0	11.88	11.88	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	0.0	13.38	13.38	NORMALE
35	161639083661	0.0	0.0	0.0	NORMALE
36	171739075357	0.0	13.75	13.75	NORMALE
37	161639078503	0.0	13.38	13.38	NORMALE
38	171739068364	0.0	12.69	12.69	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	0.0	12.56	12.56	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	0.0	14.5	14.5	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	0.0	0.0	0.0	NORMALE
45	181539070542	0.0	13.63	13.63	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	14.75	14.75	NORMALE
48	20129053237	0.0	13.5	13.5	NORMALE
49	161539072610	0.0	0.0	0.0	NORMALE
50	161439057995	0.0	14.75	14.75	NORMALE