



Filière: industries pétrochimiques
génie du raffinage

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

Matière: Ethique ,Déontologie et Propriété Intellectuelle / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	10.0	0.0	10.0	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	9.0	0.0	9.0	NORMALE
6	171739071143	10.0	0.0	10.0	NORMALE
7	171739074366	8.5	0.0	8.5	NORMALE
8	161639069982	10.0	0.0	10.0	NORMALE
9	161639076724	12.0	0.0	12.0	NORMALE
10	171739074200	8.5	0.0	8.5	NORMALE
11	171739074290	7.0	0.0	7.0	NORMALE
12	181839072340	8.0	0.0	8.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	13.0	0.0	13.0	NORMALE
15	161639067859	12.5	0.0	12.5	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	6.5	0.0	6.5	NORMALE
18	151539070140	12.5	0.0	12.5	NORMALE
19	161639076220	12.0	0.0	12.0	NORMALE
20	171739074319	6.5	0.0	6.5	NORMALE
21	171739071174	18.0	0.0	18.0	NORMALE
22	181839065386	7.5	0.0	7.5	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	11.5	0.0	11.5	NORMALE
29	171739051097	13.5	0.0	13.5	NORMALE
30	161639076851	8.5	0.0	8.5	NORMALE
31	161639069032	12.0	0.0	12.0	NORMALE
32	181839065231	6.5	0.0	6.5	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	9.5	0.0	9.5	NORMALE
35	161639083661	9.5	0.0	9.5	NORMALE
36	171739075357	13.0	0.0	13.0	NORMALE
37	161639078503	12.5	0.0	12.5	NORMALE
38	171739068364	12.5	0.0	12.5	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.0	0.0	10.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	10.0	0.0	10.0	NORMALE
43	161439058618	0.0	0.0	0.0	NORMALE
44	161539052882	10.5	0.0	10.5	NORMALE
45	181539070542	9.5	0.0	9.5	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	14.5	0.0	14.5	NORMALE
48	20129053237	10.0	0.0	10.0	NORMALE
49	161539072610	14.0	0.0	14.0	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 ن°

Matière: Gestion des Rejets Pétroliers / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	10.0	0.0	10.0	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	10.5	0.0	10.5	NORMALE
6	171739071143	10.0	0.0	10.0	NORMALE
7	171739074366	7.0	0.0	7.0	NORMALE
8	161639069982	14.0	0.0	14.0	NORMALE
9	161639076724	12.0	0.0	12.0	NORMALE
10	171739074200	10.0	0.0	10.0	NORMALE
11	171739074290	8.0	0.0	8.0	NORMALE
12	181839072340	9.0	0.0	9.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	9.0	0.0	9.0	NORMALE
15	161639067859	12.5	0.0	12.5	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	10.0	0.0	10.0	NORMALE
18	151539070140	10.0	0.0	10.0	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	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	12.0	0.0	12.0	NORMALE
28	171739064752	10.0	0.0	10.0	NORMALE
29	171739051097	13.0	0.0	13.0	NORMALE
30	161639076851	10.5	0.0	10.5	NORMALE
31	161639069032	8.0	0.0	8.0	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	9.0	0.0	9.0	NORMALE
36	171739075357	13.0	0.0	13.0	NORMALE
37	161639078503	9.0	0.0	9.0	NORMALE
38	171739068364	10.5	0.0	10.5	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.0	0.0	10.0	NORMALE
41	161639074222	0.0	0.0	0.0	NORMALE
42	161639076834	12.0	0.0	12.0	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	0.0	0.0	0.0	NORMALE
49	161539072610	12.0	0.0	12.0	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 ن°

Matière: Milieux Poreux et Dispersés / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	3.0	11.0	6.2	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	3.0	12.0	6.6	NORMALE
6	171739071143	4.0	10.0	6.4	NORMALE
7	171739074366	3.0	12.0	6.6	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	0.0	0.0	0.0	NORMALE
10	171739074200	4.0	12.0	7.2	NORMALE
11	171739074290	1.5	0.0	0.9	NORMALE
12	181839072340	1.5	10.0	4.9	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	15.0	15.0	15.0	NORMALE
15	161639067859	7.0	13.0	9.4	NORMALE
16	161639074262	0.0	7.0	2.8	NORMALE
17	181839064492	4.0	10.0	6.4	NORMALE
18	151539070140	1.0	7.0	3.4	NORMALE
19	161639076220	5.0	12.0	7.8	NORMALE
20	171739074319	4.0	11.0	6.8	NORMALE
21	171739071174	0.0	10.0	4.0	NORMALE
22	181839065386	4.0	12.0	7.2	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	5.0	12.0	7.8	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	5.0	14.0	8.6	NORMALE
29	171739051097	5.0	13.0	8.2	NORMALE
30	161639076851	12.0	10.0	11.2	NORMALE
31	161639069032	1.0	7.0	3.4	NORMALE
32	181839065231	2.5	10.0	5.5	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	4.0	10.0	6.4	NORMALE
35	161639083661	7.0	0.0	4.2	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	5.0	10.0	7.0	NORMALE
38	171739068364	10.3	10.3	10.3	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.6	10.6	10.6	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	2.0	11.0	5.6	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	4.0	0.0	2.4	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 ن°

Matière: Modélisation Numériques des Phénomènes de Transfert / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	8.5	14.0	10.7	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	6.0	4.0	5.2	NORMALE
6	171739071143	7.13	7.13	7.13	NORMALE
7	171739074366	2.0	5.0	3.2	NORMALE
8	161639069982	5.4	5.4	5.4	NORMALE
9	161639076724	9.03	9.03	9.03	NORMALE
10	171739074200	0.0	4.0	1.6	NORMALE
11	171739074290	1.0	14.0	6.2	NORMALE
12	181839072340	10.0	14.0	11.6	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181839049736	18.0	17.0	17.6	NORMALE
15	161639067859	10.73	10.73	10.73	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	12.0	10.0	11.2	NORMALE
18	151539070140	9.0	8.0	8.6	NORMALE
19	161639076220	5.0	5.0	5.0	NORMALE
20	171739074319	7.5	5.0	6.5	NORMALE
21	171739071174	10.26	10.26	10.26	NORMALE
22	181839065386	6.5	15.0	9.9	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	14.5	14.0	14.3	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	5.0	5.0	5.0	NORMALE
29	171739051097	18.5	16.0	17.5	NORMALE
30	161639076851	10.73	10.73	10.73	NORMALE
31	161639069032	13.43	13.43	13.43	NORMALE
32	181839065231	4.0	14.0	8.0	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	14.0	17.0	15.2	NORMALE
35	161639083661	7.0	0.0	4.2	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	16.0	17.0	16.4	NORMALE
38	171739068364	11.2	11.2	11.2	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	11.0	12.0	11.4	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	13.5	5.0	10.1	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	10.73	10.73	10.73	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	4.8	4.8	4.8	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 الموزع في 09 ن°

Matière: Procédés de Raffinage (I) / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	10.0	14.5	11.8	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	7.0	8.0	7.4	NORMALE
6	171739071143	12.3	12.3	12.3	NORMALE
7	171739074366	10.0	9.5	9.8	NORMALE
8	161639069982	13.1	13.1	13.1	NORMALE
9	161639076724	13.6	13.6	13.6	NORMALE
10	171739074200	4.5	9.5	6.5	NORMALE
11	171739074290	5.0	6.5	5.6	NORMALE
12	181839072340	2.5	9.7	5.38	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	13.0	10.15	11.86	NORMALE
15	161639067859	11.0	13.0	11.8	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	7.75	13.0	9.85	NORMALE
18	151539070140	8.5	9.7	8.98	NORMALE
19	161639076220	6.75	14.5	9.85	NORMALE
20	171739074319	8.0	14.0	10.4	NORMALE
21	171739071174	10.7	10.7	10.7	NORMALE
22	181839065386	10.0	10.5	10.2	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	5.5	10.2	7.38	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	14.2	14.2	14.2	NORMALE
29	171739051097	13.0	11.4	12.36	NORMALE
30	161639076851	10.5	10.5	10.5	NORMALE
31	161639069032	12.2	12.2	12.2	NORMALE
32	181839065231	7.25	9.5	8.15	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	3.5	10.95	6.48	NORMALE
35	161639083661	5.5	0.0	3.3	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	8.5	12.4	10.06	NORMALE
38	171739068364	13.3	13.3	13.3	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	10.5	10.5	10.5	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	6.5	10.95	8.28	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	12.3	12.3	12.3	NORMALE
48	20129053237	14.53	14.53	14.53	NORMALE
49	161539072610	12.2	12.2	12.2	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 الموزع في 09/09/2012

Matière: Réacteurs Hétérogènes / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	1.0	0.0	0.6	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	1.5	10.0	4.9	NORMALE
6	171739071143	1.0	2.0	1.4	NORMALE
7	171739074366	0.0	0.0	0.0	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	1.0	0.0	0.6	NORMALE
10	171739074200	0.0	0.0	0.0	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	2.0	14.0	6.8	NORMALE
15	161639067859	9.0	12.0	10.2	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	0.0	0.0	0.0	NORMALE
18	151539070140	0.0	0.0	0.0	NORMALE
19	161639076220	0.0	0.0	0.0	NORMALE
20	171739074319	0.0	0.0	0.0	NORMALE
21	171739071174	1.0	0.0	0.6	NORMALE
22	181839065386	0.0	0.0	0.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	1.0	2.0	1.4	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	5.75	4.0	5.05	NORMALE
29	171739051097	1.0	2.0	1.4	NORMALE
30	161639076851	1.0	0.0	0.6	NORMALE
31	161639069032	0.0	2.0	0.8	NORMALE
32	181839065231	1.0	0.0	0.6	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	2.0	8.0	4.4	NORMALE
35	161639083661	0.0	0.0	0.0	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	2.0	8.0	4.4	NORMALE
38	171739068364	2.7	2.7	2.7	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	0.0	0.0	0.0	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 ن°

Matière: Régulation et Systèmes de Commande / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	1.0	7.2	3.48	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	10.0	0.0	6.0	NORMALE
6	171739071143	3.0	15.0	7.8	NORMALE
7	171739074366	1.0	0.0	0.6	NORMALE
8	161639069982	0.0	0.0	0.0	NORMALE
9	161639076724	0.0	0.0	0.0	NORMALE
10	171739074200	3.0	6.6	4.44	NORMALE
11	171739074290	1.0	0.0	0.6	NORMALE
12	181839072340	2.0	6.0	3.6	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	10.0	17.0	12.8	NORMALE
15	161639067859	10.0	16.0	12.4	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	2.0	2.0	2.0	NORMALE
18	151539070140	1.0	0.0	0.6	NORMALE
19	161639076220	2.0	0.0	1.2	NORMALE
20	171739074319	2.0	0.0	1.2	NORMALE
21	171739071174	3.0	3.0	3.0	NORMALE
22	181839065386	1.0	5.4	2.76	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	10.0	16.0	12.4	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	2.0	5.4	3.36	NORMALE
29	171739051097	3.0	7.2	4.68	NORMALE
30	161639076851	8.0	0.0	4.8	NORMALE
31	161639069032	3.0	3.0	3.0	NORMALE
32	181839065231	2.0	6.0	3.6	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	2.0	8.4	4.56	NORMALE
35	161639083661	2.0	0.0	1.2	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	10.0	8.4	9.36	NORMALE
38	171739068364	10.8	10.8	10.8	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	2.0	6.0	3.6	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	1.0	0.0	0.6	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	8.0	0.0	4.8	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2012

Matière: TP Réacteurs / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	0.0	11.0	11.0	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	0.0	11.0	11.0	NORMALE
6	171739071143	0.0	13.75	13.75	NORMALE
7	171739074366	0.0	0.0	0.0	NORMALE
8	161639069982	0.0	13.5	13.5	NORMALE
9	161639076724	0.0	14.0	14.0	NORMALE
10	171739074200	0.0	0.0	0.0	NORMALE
11	171739074290	0.0	11.0	11.0	NORMALE
12	181839072340	0.0	13.0	13.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	0.0	15.0	15.0	NORMALE
15	161639067859	0.0	13.5	13.5	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	0.0	13.0	13.0	NORMALE
18	151539070140	0.0	13.0	13.0	NORMALE
19	161639076220	0.0	14.0	14.0	NORMALE
20	171739074319	0.0	13.0	13.0	NORMALE
21	171739071174	0.0	14.5	14.5	NORMALE
22	181839065386	0.0	13.0	13.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	0.0	11.0	11.0	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	0.0	14.0	14.0	NORMALE
28	171739064752	0.0	13.75	13.75	NORMALE
29	171739051097	0.0	11.0	11.0	NORMALE
30	161639076851	0.0	14.5	14.5	NORMALE
31	161639069032	0.0	13.5	13.5	NORMALE
32	181839065231	0.0	13.0	13.0	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	0.0	13.0	13.0	NORMALE
35	161639083661	0.0	0.0	0.0	NORMALE
36	171739075357	0.0	14.5	14.5	NORMALE
37	161639078503	0.0	11.0	11.0	NORMALE
38	171739068364	0.0	13.5	13.5	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	0.0	14.5	14.5	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	14.5	14.5	NORMALE
45	181539070542	0.0	13.0	13.0	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	13.5	13.5	NORMALE
48	20129053237	0.0	0.0	0.0	NORMALE
49	161539072610	0.0	14.5	14.5	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 الموزع في 09 N°

Matière: TP Régulation, Raffinage / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	0.0	16.0	16.0	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	0.0	10.0	10.0	NORMALE
6	171739071143	0.0	16.0	16.0	NORMALE
7	171739074366	0.0	13.0	13.0	NORMALE
8	161639069982	0.0	15.5	15.5	NORMALE
9	161639076724	0.0	14.5	14.5	NORMALE
10	171739074200	0.0	13.0	13.0	NORMALE
11	171739074290	0.0	10.0	10.0	NORMALE
12	181839072340	0.0	10.0	10.0	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	0.0	12.75	12.75	NORMALE
15	161639067859	0.0	15.0	15.0	NORMALE
16	161639074262	0.0	3.0	3.0	NORMALE
17	181839064492	0.0	11.5	11.5	NORMALE
18	151539070140	0.0	10.0	10.0	NORMALE
19	161639076220	0.0	12.5	12.5	NORMALE
20	171739074319	0.0	11.0	11.0	NORMALE
21	171739071174	0.0	13.0	13.0	NORMALE
22	181839065386	0.0	15.0	15.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	0.0	12.5	12.5	NORMALE
25	171739071720	0.0	0.0	0.0	NORMALE
26	161639076221	0.0	0.0	0.0	NORMALE
27	16069039979	0.0	14.0	14.0	NORMALE
28	171739064752	0.0	16.0	16.0	NORMALE
29	171739051097	0.0	15.5	15.5	NORMALE
30	161639076851	0.0	13.0	13.0	NORMALE
31	161639069032	0.0	15.0	15.0	NORMALE
32	181839065231	0.0	15.5	15.5	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	0.0	15.5	15.5	NORMALE
35	161639083661	0.0	10.5	10.5	NORMALE
36	171739075357	0.0	0.0	0.0	NORMALE
37	161639078503	0.0	15.0	15.0	NORMALE
38	171739068364	0.0	16.0	16.0	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	0.0	15.0	15.0	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	10.0	10.0	NORMALE
46	161539076267	0.0	0.0	0.0	NORMALE
47	161539065742	0.0	15.0	15.0	NORMALE
48	20129053237	0.0	14.0	14.0	NORMALE
49	161539072610	0.0	14.5	14.5	NORMALE
50	161439057995	0.0	18.0	18.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: industries pétrochimiques
génie du raffinage

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 الموزع في 09

Matière: Traitements des Eaux et des Effluents Industriels / Section A / 1

PV de délibération par matière (Session NORMALE)

#	Matricule	Examen	CC	MG	Session
1	181839072338	0.0	0.0	0.0	NORMALE
2	161639074268	0.0	0.0	0.0	NORMALE
3	171739070597	4.5	0.0	4.5	NORMALE
4	181839073100	0.0	0.0	0.0	NORMALE
5	161639076723	1.0	0.0	1.0	NORMALE
6	171739071143	3.5	0.0	3.5	NORMALE
7	171739074366	1.5	0.0	1.5	NORMALE
8	161639069982	6.5	0.0	6.5	NORMALE
9	161639076724	0.0	0.0	0.0	NORMALE
10	171739074200	1.5	0.0	1.5	NORMALE
11	171739074290	0.0	0.0	0.0	NORMALE
12	181839072340	1.5	0.0	1.5	NORMALE
13	21089053634	0.0	0.0	0.0	NORMALE
14	181836049736	12.5	0.0	12.5	NORMALE
15	161639067859	11.0	0.0	11.0	NORMALE
16	161639074262	0.0	0.0	0.0	NORMALE
17	181839064492	1.5	0.0	1.5	NORMALE
18	151539070140	1.5	0.0	1.5	NORMALE
19	161639076220	1.0	0.0	1.0	NORMALE
20	171739074319	2.0	0.0	2.0	NORMALE
21	171739071174	9.5	0.0	9.5	NORMALE
22	181839065386	0.0	0.0	0.0	NORMALE
23	171739070762	0.0	0.0	0.0	NORMALE
24	181839070291	0.0	0.0	0.0	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	0.0	0.5	NORMALE
29	171739051097	0.0	0.0	0.0	NORMALE
30	161639076851	1.0	0.0	1.0	NORMALE
31	161639069032	2.5	0.0	2.5	NORMALE
32	181839065231	1.5	0.0	1.5	NORMALE
33	161639084292	0.0	0.0	0.0	NORMALE
34	181839066946	0.0	0.0	0.0	NORMALE
35	161639083661	1.0	0.0	1.0	NORMALE
36	171739075357	15.0	0.0	15.0	NORMALE
37	161639078503	5.5	0.0	5.5	NORMALE
38	171739068364	6.0	0.0	6.0	NORMALE
39	171739072634	0.0	0.0	0.0	NORMALE
40	171739066225	3.0	0.0	3.0	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	0.0	0.0	0.0	NORMALE
50	161439057995	0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

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