



2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Aménagement des cours d' eau et transport solide / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	6.5	11.75	8.6	RATTRAPAGE
2	19089060993	15.0	15.0	15.0	NORMALE
3	161639078046	3.0	7.0	4.6	NORMALE
4	21089051969	2.5	11.75	6.2	NORMALE
5	171539085325	5.0	9.5	6.8	NORMALE
6	161639077466	11.0	14.0	12.2	NORMALE
7	201539065128	11.0	12.5	11.6	NORMALE
8	171739071799	4.0	13.25	7.7	NORMALE
9	21039041162	10.5	12.0	11.1	NORMALE
10	171739071245	11.5	10.75	11.2	NORMALE
11	20914101322	13.5	15.5	14.3	NORMALE
12	17069050989	12.08	12.08	12.08	NORMALE
13	2195150246	4.0	10.75	6.7	RATTRAPAGE
14	171739075373	6.0	11.75	8.3	NORMALE
15	2197822370	13.0	16.5	14.4	NORMALE
16	19089061349	15.5	12.75	14.4	NORMALE
17	171739074310	4.0	7.5	5.4	RATTRAPAGE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	5.0	10.25	7.1	NORMALE
20	2100932158	16.0	16.0	16.0	NORMALE
21	19089055853	15.0	15.75	15.3	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	14.5	15.0	14.7	NORMALE
24	16059062738	10.0	10.0	10.0	NORMALE
25	20089053299	16.0	15.0	15.6	NORMALE
26	2197821678	16.0	14.5	15.4	NORMALE
27	20069051029	10.0	13.5	11.4	RATTRAPAGE
28	20119053364	18.0	16.5	17.4	NORMALE

2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Auscultation et surveillance des barrages / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	15.0	0.0	15.0	NORMALE
2	19089060993	11.0	0.0	11.0	NORMALE
3	161639078046	11.0	0.0	11.0	NORMALE
4	21089051969	14.0	0.0	14.0	NORMALE
5	171539085325	13.0	0.0	13.0	NORMALE
6	161639077466	11.0	0.0	11.0	NORMALE
7	201539065128	13.0	0.0	13.0	RATTRAPAGE
8	171739071799	11.0	0.0	11.0	NORMALE
9	21039041162	13.0	0.0	13.0	NORMALE
10	171739071245	12.0	0.0	12.0	NORMALE
11	20914101322	8.0	0.0	8.0	NORMALE
12	17069050989	15.0	0.0	15.0	NORMALE
13	2195150246	11.0	0.0	11.0	NORMALE
14	171739075373	12.0	0.0	12.0	NORMALE
15	2197822370	13.0	0.0	13.0	NORMALE
16	19089061349	13.0	0.0	13.0	NORMALE
17	171739074310	8.0	0.0	8.0	RATTRAPAGE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	11.0	0.0	11.0	RATTRAPAGE
20	2100932158	12.0	0.0	12.0	NORMALE
21	19089055853	11.0	0.0	11.0	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	14.0	0.0	14.0	NORMALE
24	16059062738	11.0	0.0	11.0	NORMALE
25	20089053299	9.0	0.0	9.0	NORMALE
26	2197821678	15.0	0.0	15.0	NORMALE
27	20069051029	12.0	0.0	12.0	NORMALE
28	20119053364	13.0	0.0	13.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Barrage II: Barrage en Béton / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	10.0	10.7	10.28	NORMALE
2	19089060993	16.0	12.9	14.76	NORMALE
3	161639078046	9.0	11.2	9.88	NORMALE
4	21089051969	7.0	11.2	8.68	NORMALE
5	171539085325	10.0	11.45	10.58	RATTRAPAGE
6	161639077466	9.0	11.5	10.0	NORMALE
7	201539065128	11.0	10.9	10.96	NORMALE
8	171739071799	9.0	13.0	10.6	NORMALE
9	21039041162	11.0	11.3	11.12	NORMALE
10	171739071245	7.0	11.65	8.86	NORMALE
11	20914101322	14.0	15.5	14.6	NORMALE
12	17069050989	11.6	11.6	11.6	NORMALE
13	2195150246	10.0	10.6	10.24	RATTRAPAGE
14	171739075373	8.0	12.3	9.72	NORMALE
15	2197822370	14.0	13.8	13.92	NORMALE
16	19089061349	16.0	13.7	15.08	NORMALE
17	171739074310	9.0	11.3	9.92	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	9.5	10.5	9.9	NORMALE
20	2100932158	13.0	14.1	13.44	NORMALE
21	19089055853	14.0	12.7	13.48	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	8.0	13.3	10.12	NORMALE
24	16059062738	11.0	9.3	10.32	NORMALE
25	20089053299	11.0	11.7	11.28	NORMALE
26	2197821678	10.0	11.5	10.6	NORMALE
27	20069051029	10.0	11.4	10.56	NORMALE
28	20119053364	18.0	16.3	17.32	NORMALE

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Filière: hydraulique
ouvrages hydrauliques

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

Matière: Economie et droit de l'eau / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	12.0	0.0	12.0	NORMALE
2	19089060993	15.0	0.0	15.0	NORMALE
3	161639078046	14.0	0.0	14.0	NORMALE
4	21089051969	17.0	0.0	17.0	NORMALE
5	171539085325	12.0	0.0	12.0	NORMALE
6	161639077466	13.0	0.0	13.0	NORMALE
7	201539065128	12.0	0.0	12.0	NORMALE
8	171739071799	12.0	0.0	12.0	NORMALE
9	21039041162	15.0	0.0	15.0	NORMALE
10	171739071245	12.0	0.0	12.0	NORMALE
11	20914101322	16.0	0.0	16.0	NORMALE
12	17069050989	16.0	0.0	16.0	NORMALE
13	2195150246	12.0	0.0	12.0	NORMALE
14	171739075373	12.0	0.0	12.0	NORMALE
15	2197822370	15.0	0.0	15.0	NORMALE
16	19089061349	15.0	0.0	15.0	NORMALE
17	171739074310	12.0	0.0	12.0	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	12.0	0.0	12.0	NORMALE
20	2100932158	17.0	0.0	17.0	NORMALE
21	19089055853	16.0	0.0	16.0	NORMALE
22	181339050652	16.0	0.0	16.0	NORMALE
23	20069033004	16.0	0.0	16.0	NORMALE
24	16059062738	14.0	0.0	14.0	NORMALE
25	20089053299	17.0	0.0	17.0	NORMALE
26	2197821678	16.0	0.0	16.0	NORMALE
27	20069051029	12.0	0.0	12.0	NORMALE
28	20119053364	16.0	0.0	16.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Génie Rural / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	10.0	11.1	10.44	NORMALE
2	19089060993	14.0	12.6	13.44	NORMALE
3	161639078046	13.0	12.4	12.76	NORMALE
4	21089051969	13.0	12.8	12.92	NORMALE
5	171539085325	11.0	11.3	11.12	NORMALE
6	161639077466	8.5	11.8	9.82	NORMALE
7	201539065128	10.0	11.5	10.6	NORMALE
8	171739071799	11.0	12.2	11.48	NORMALE
9	21039041162	13.0	12.4	12.76	NORMALE
10	171739071245	12.0	11.0	11.6	NORMALE
11	20914101322	14.0	14.8	14.32	NORMALE
12	17069050989	17.0	17.0	17.0	NORMALE
13	2195150246	12.0	11.0	11.6	NORMALE
14	171739075373	10.0	13.0	11.2	NORMALE
15	2197822370	14.0	13.4	13.76	NORMALE
16	19089061349	13.0	12.3	12.72	NORMALE
17	171739074310	13.0	11.1	12.24	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	12.0	11.8	11.92	NORMALE
20	2100932158	14.0	12.7	13.48	NORMALE
21	19089055853	14.0	12.2	13.28	NORMALE
22	181339050652	10.0	10.0	10.0	NORMALE
23	20069033004	14.0	11.3	12.92	NORMALE
24	16059062738	13.0	12.7	12.88	NORMALE
25	20089053299	13.0	11.3	12.32	NORMALE
26	2197821678	15.0	12.4	13.96	NORMALE
27	20069051029	11.0	11.0	11.0	NORMALE
28	20119053364	14.0	14.6	14.24	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Logiciels Spécialisés / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	0.0	15.8	15.8	NORMALE
2	19089060993	0.0	10.4	10.4	NORMALE
3	161639078046	0.0	17.0	17.0	NORMALE
4	21089051969	0.0	15.8	15.8	NORMALE
5	171539085325	0.0	15.0	15.0	NORMALE
6	161639077466	0.0	17.0	17.0	NORMALE
7	201539065128	0.0	17.0	17.0	NORMALE
8	171739071799	0.0	13.0	13.0	NORMALE
9	21039041162	0.0	15.8	15.8	NORMALE
10	171739071245	0.0	17.0	17.0	NORMALE
11	20914101322	0.0	17.0	17.0	NORMALE
12	17069050989	0.0	12.0	12.0	NORMALE
13	2195150246	0.0	15.8	15.8	NORMALE
14	171739075373	0.0	16.2	16.2	NORMALE
15	2197822370	0.0	16.8	16.8	NORMALE
16	19089061349	0.0	10.0	10.0	NORMALE
17	171739074310	0.0	17.0	17.0	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	0.0	17.0	17.0	NORMALE
20	2100932158	0.0	17.0	17.0	NORMALE
21	19089055853	0.0	15.8	15.8	NORMALE
22	181339050652	0.0	16.3	16.3	NORMALE
23	20069033004	0.0	14.6	14.6	NORMALE
24	16059062738	0.0	0.0	0.0	NORMALE
25	20089053299	0.0	15.8	15.8	NORMALE
26	2197821678	0.0	15.8	15.8	NORMALE
27	20069051029	0.0	15.2	15.2	NORMALE
28	20119053364	0.0	17.0	17.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Management des Projets / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	15.0	0.0	15.0	NORMALE
2	19089060993	13.5	0.0	13.5	NORMALE
3	161639078046	12.0	0.0	12.0	NORMALE
4	21089051969	15.0	0.0	15.0	NORMALE
5	171539085325	12.0	0.0	12.0	NORMALE
6	161639077466	12.0	0.0	12.0	NORMALE
7	201539065128	10.0	0.0	10.0	NORMALE
8	171739071799	10.0	0.0	10.0	NORMALE
9	21039041162	16.0	0.0	16.0	NORMALE
10	171739071245	13.0	0.0	13.0	NORMALE
11	20914101322	16.5	0.0	16.5	NORMALE
12	17069050989	13.0	0.0	13.0	NORMALE
13	2195150246	16.5	0.0	16.5	NORMALE
14	171739075373	11.0	0.0	11.0	NORMALE
15	2197822370	12.0	0.0	12.0	NORMALE
16	19089061349	16.0	0.0	16.0	NORMALE
17	171739074310	11.5	0.0	11.5	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	15.0	0.0	15.0	NORMALE
20	2100932158	17.0	0.0	17.0	NORMALE
21	19089055853	15.0	0.0	15.0	NORMALE
22	181339050652	10.0	0.0	10.0	NORMALE
23	20069033004	16.0	0.0	16.0	NORMALE
24	16059062738	12.5	0.0	12.5	NORMALE
25	20089053299	16.0	0.0	16.0	NORMALE
26	2197821678	13.0	0.0	13.0	NORMALE
27	20069051029	15.0	0.0	15.0	NORMALE
28	20119053364	18.0	0.0	18.0	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Management Intégré.des ressources en eau / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	14.0	8.0	11.6	RATTRAPAGE
2	19089060993	14.5	12.6	13.74	NORMALE
3	161639078046	10.0	10.0	10.0	NORMALE
4	21089051969	11.0	10.5	10.8	NORMALE
5	171539085325	10.0	8.8	9.52	NORMALE
6	161639077466	9.0	10.15	9.46	NORMALE
7	201539065128	11.0	7.15	9.46	RATTRAPAGE
8	171739071799	10.0	8.0	9.2	RATTRAPAGE
9	21039041162	13.0	10.0	11.8	NORMALE
10	171739071245	8.0	7.8	7.92	NORMALE
11	20914101322	14.0	13.5	13.8	NORMALE
12	17069050989	14.85	14.85	14.85	NORMALE
13	2195150246	10.0	11.6	10.64	NORMALE
14	171739075373	10.0	7.5	9.0	RATTRAPAGE
15	2197822370	15.5	12.6	14.34	NORMALE
16	19089061349	15.0	14.8	14.92	NORMALE
17	171739074310	14.5	9.0	12.3	RATTRAPAGE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	8.5	6.4	7.66	NORMALE
20	2100932158	16.5	13.9	15.46	NORMALE
21	19089055853	14.0	13.3	13.72	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	14.5	12.9	13.86	NORMALE
24	16059062738	8.5	10.9	9.46	NORMALE
25	20089053299	14.0	13.95	13.98	NORMALE
26	2197821678	15.5	14.15	14.96	NORMALE
27	20069051029	14.0	11.45	12.98	NORMALE
28	20119053364	15.5	14.5	15.1	NORMALE

2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

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

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	10.0	0.0	10.0	RATTRAPAGE
2	19089060993	5.0	0.0	5.0	NORMALE
3	161639078046	20.0	0.0	20.0	NORMALE
4	21089051969	11.5	0.0	11.5	NORMALE
5	171539085325	13.0	0.0	13.0	RATTRAPAGE
6	161639077466	2.0	0.0	2.0	NORMALE
7	201539065128	10.0	0.0	10.0	RATTRAPAGE
8	171739071799	13.0	0.0	13.0	RATTRAPAGE
9	21039041162	16.0	0.0	16.0	NORMALE
10	171739071245	10.0	0.0	10.0	NORMALE
11	20914101322	6.0	0.0	6.0	NORMALE
12	17069050989	15.0	0.0	15.0	NORMALE
13	2195150246	5.0	0.0	5.0	NORMALE
14	171739075373	12.0	0.0	12.0	RATTRAPAGE
15	2197822370	18.0	0.0	18.0	NORMALE
16	19089061349	10.0	0.0	10.0	NORMALE
17	171739074310	11.0	0.0	11.0	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	10.0	0.0	10.0	NORMALE
20	2100932158	19.0	0.0	19.0	NORMALE
21	19089055853	6.0	0.0	6.0	NORMALE
22	181339050652	15.0	0.0	15.0	NORMALE
23	20069033004	20.0	0.0	20.0	NORMALE
24	16059062738	10.0	0.0	10.0	RATTRAPAGE
25	20089053299	11.0	0.0	11.0	NORMALE
26	2197821678	15.0	0.0	15.0	NORMALE
27	20069051029	10.0	0.0	10.0	NORMALE
28	20119053364	17.0	0.0	17.0	NORMALE

Signature de l'enseignant:

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Filière: hydraulique
ouvrages hydrauliques

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

Matière: Techniques des Forrages / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	3.5	0.0	3.5	NORMALE
2	19089060993	14.5	0.0	14.5	NORMALE
3	161639078046	3.5	0.0	3.5	NORMALE
4	21089051969	5.0	0.0	5.0	NORMALE
5	171539085325	6.5	0.0	6.5	RATTRAPAGE
6	161639077466	5.0	0.0	5.0	NORMALE
7	201539065128	7.0	0.0	7.0	RATTRAPAGE
8	171739071799	6.0	0.0	6.0	RATTRAPAGE
9	21039041162	9.0	0.0	9.0	NORMALE
10	171739071245	4.5	0.0	4.5	NORMALE
11	20914101322	9.0	0.0	9.0	NORMALE
12	17069050989	15.0	0.0	15.0	NORMALE
13	2195150246	4.5	0.0	4.5	NORMALE
14	171739075373	2.5	0.0	2.5	RATTRAPAGE
15	2197822370	13.5	0.0	13.5	NORMALE
16	19089061349	15.0	0.0	15.0	NORMALE
17	171739074310	2.0	0.0	2.0	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	1.5	0.0	1.5	NORMALE
20	2100932158	11.0	0.0	11.0	NORMALE
21	19089055853	15.0	0.0	15.0	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	9.5	0.0	9.5	NORMALE
24	16059062738	12.5	0.0	12.5	RATTRAPAGE
25	20089053299	14.0	0.0	14.0	NORMALE
26	2197821678	13.5	0.0	13.5	NORMALE
27	20069051029	11.0	0.0	11.0	RATTRAPAGE
28	20119053364	17.5	0.0	17.5	NORMALE

Signature de l'enseignant:

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2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: TP Traitement des eaux / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	0.0	12.5	12.5	NORMALE
2	19089060993	0.0	15.5	15.5	NORMALE
3	161639078046	0.0	11.0	11.0	NORMALE
4	21089051969	0.0	14.0	14.0	NORMALE
5	171539085325	0.0	10.5	10.5	NORMALE
6	161639077466	0.0	11.0	11.0	NORMALE
7	201539065128	0.0	10.0	10.0	NORMALE
8	171739071799	0.0	10.0	10.0	NORMALE
9	21039041162	0.0	15.0	15.0	NORMALE
10	171739071245	0.0	11.0	11.0	NORMALE
11	20914101322	0.0	16.0	16.0	NORMALE
12	17069050989	0.0	8.75	8.75	NORMALE
13	2195150246	0.0	14.0	14.0	NORMALE
14	171739075373	0.0	10.0	10.0	NORMALE
15	2197822370	0.0	10.0	10.0	NORMALE
16	19089061349	0.0	15.5	15.5	NORMALE
17	171739074310	0.0	12.5	12.5	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	0.0	11.0	11.0	NORMALE
20	2100932158	0.0	15.5	15.5	NORMALE
21	19089055853	0.0	15.5	15.5	NORMALE
22	181339050652	0.0	12.75	12.75	NORMALE
23	20069033004	0.0	16.0	16.0	NORMALE
24	16059062738	0.0	10.0	10.0	NORMALE
25	20089053299	0.0	15.5	15.5	NORMALE
26	2197821678	0.0	15.5	15.5	NORMALE
27	20069051029	0.0	0.0	0.0	NORMALE
28	20119053364	0.0	15.0	15.0	NORMALE

2021/2022

Filière: hydraulique
ouvrages hydrauliques

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

Matière: Traitement .des eaux Conventionnelles et non conventionnelles / Section A / 1

PV de délibération par matière (Session Rattrapage)

#	Matricule	Examen	CC	MG	Session
1	171739069196	8.0	10.3	8.92	RATTRAPAGE
2	19089060993	17.5	12.6	15.54	NORMALE
3	161639078046	7.5	11.25	9.0	NORMALE
4	21089051969	3.0	12.75	6.9	NORMALE
5	171539085325	5.5	9.8	7.22	NORMALE
6	161639077466	11.0	11.4	11.16	NORMALE
7	201539065128	10.0	9.8	9.92	RATTRAPAGE
8	171739071799	7.5	14.65	10.36	NORMALE
9	21039041162	7.5	11.9	9.26	NORMALE
10	171739071245	3.5	9.95	6.08	NORMALE
11	20914101322	13.0	13.5	13.2	NORMALE
12	17069050989	8.36	8.36	8.36	NORMALE
13	2195150246	7.0	10.95	8.58	RATTRAPAGE
14	171739075373	10.5	14.55	12.12	NORMALE
15	2197822370	13.0	14.35	13.54	NORMALE
16	19089061349	17.5	13.9	16.06	NORMALE
17	171739074310	7.0	8.7	7.68	NORMALE
18	21129058204	0.0	0.0	0.0	NORMALE
19	191539072201	10.0	9.0	9.6	RATTRAPAGE
20	2100932158	13.0	13.35	13.14	NORMALE
21	19089055853	11.5	14.4	12.66	NORMALE
22	181339050652	0.0	0.0	0.0	NORMALE
23	20069033004	9.5	12.3	10.62	NORMALE
24	16059062738	11.5	10.5	11.1	RATTRAPAGE
25	20089053299	17.5	13.85	16.04	NORMALE
26	2197821678	9.5	12.85	10.84	NORMALE
27	20069051029	12.0	11.05	11.62	RATTRAPAGE
28	20119053364	16.5	17.05	16.72	NORMALE