



2021/2022 Sciences et Technologies

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Anglais technique / Section A / 1

## PV de délibération par matière (Session Normale)

#	Matricule	Examen	CC	MG	Session
1	202039063322	8.0	0.0	8.0	NORMALE
2	161639075777	14.0	0.0	14.0	NORMALE
3	202039063726	10.0	0.0	10.0	NORMALE
4	202039071597	14.0	0.0	14.0	NORMALE
5	202039062767	11.0	0.0	11.0	NORMALE
6	202039061806	14.0	0.0	14.0	NORMALE
7	202039069512	14.0	0.0	14.0	NORMALE
8	202039070219	11.0	0.0	11.0	NORMALE
9	202039068487	8.0	0.0	8.0	NORMALE
10	191939063437	12.5	0.0	12.5	NORMALE
11	202039070202	12.0	0.0	12.0	NORMALE
12	18059054705	10.0	0.0	10.0	NORMALE
13	191939068725	10.0	0.0	10.0	NORMALE
14	202039067336	15.0	0.0	15.0	NORMALE
15	202039062753	7.0	0.0	7.0	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	10.0	0.0	10.0	NORMALE
18	202039063753	11.0	0.0	11.0	NORMALE
19	191939065816	12.0	0.0	12.0	NORMALE
20	202039067256	12.0	0.0	12.0	NORMALE
21	202039062690	10.0	0.0	10.0	NORMALE
22	202039070151	10.0	0.0	10.0	NORMALE
23	202039064183	17.0	0.0	17.0	NORMALE
24	202039065563	8.0	0.0	8.0	NORMALE
25	191939065789	11.0	0.0	11.0	NORMALE
26	202039072283	14.0	0.0	14.0	NORMALE
27	191939067133	13.5	0.0	13.5	NORMALE
28	202039063812	8.0	0.0	8.0	NORMALE
29	202039070956	11.0	0.0	11.0	NORMALE
30	202039065107	15.0	0.0	15.0	NORMALE
31	202039063831	0.0	0.0	0.0	NORMALE
32	191939065925	4.0	0.0	4.0	NORMALE
33	202039062567	0.0	0.0	0.0	NORMALE
34	202039066778	0.0	0.0	0.0	NORMALE
35	161639070166	14.0	0.0	14.0	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Dessin technique / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	0.0	15.6	15.6	NORMALE
2	161639075777	0.0	10.0	10.0	NORMALE
3	202039063726	0.0	10.45	10.45	NORMALE
4	202039071597	0.0	13.75	13.75	NORMALE
5	202039062767	0.0	6.8	6.8	NORMALE
6	202039061806	0.0	10.0	10.0	NORMALE
7	202039069512	0.0	15.25	15.25	NORMALE
8	202039070219	0.0	13.25	13.25	NORMALE
9	202039068487	0.0	11.15	11.15	NORMALE
10	191939063437	0.0	16.5	16.5	NORMALE
11	202039070202	0.0	15.15	15.15	NORMALE
12	18059054705	0.0	15.75	15.75	NORMALE
13	191939068725	0.0	14.95	14.95	NORMALE
14	202039067336	0.0	15.6	15.6	NORMALE
15	202039062753	0.0	14.85	14.85	NORMALE
16	161639053602	0.0	12.0	12.0	NORMALE
17	202039070300	0.0	15.2	15.2	NORMALE
18	202039063753	0.0	14.5	14.5	NORMALE
19	191939065816	0.0	5.27	5.27	NORMALE
20	202039067256	0.0	11.35	11.35	NORMALE
21	202039062690	0.0	14.0	14.0	NORMALE
22	202039070151	0.0	13.7	13.7	NORMALE
23	202039064183	0.0	15.6	15.6	NORMALE
24	202039065563	0.0	14.6	14.6	NORMALE
25	191939065789	0.0	5.47	5.47	NORMALE
26	202039072283	0.0	16.35	16.35	NORMALE
27	191939067133	0.0	17.1	17.1	NORMALE
28	202039063812	0.0	15.3	15.3	NORMALE
29	202039070956	0.0	15.0	15.0	NORMALE
30	202039065107	0.0	10.05	10.05	NORMALE
31	202039063831	0.0	11.4	11.4	NORMALE
32	191939065925	0.0	14.77	14.77	NORMALE
33	202039062567	0.0	12.7	12.7	NORMALE
34	202039066778	0.0	10.4	10.4	NORMALE
35	161639070166	0.0	11.25	11.25	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Informatique 3 / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	0.0	10.0	10.0	NORMALE
2	161639075777	0.0	0.0	0.0	NORMALE
3	202039063726	0.0	12.0	12.0	NORMALE
4	202039071597	0.0	4.0	4.0	NORMALE
5	202039062767	0.0	0.0	0.0	NORMALE
6	202039061806	0.0	14.0	14.0	NORMALE
7	202039069512	0.0	8.0	8.0	NORMALE
8	202039070219	0.0	14.0	14.0	NORMALE
9	202039068487	0.0	8.0	8.0	NORMALE
10	191939063437	5.0	5.0	5.0	NORMALE
11	202039070202	0.0	5.0	5.0	NORMALE
12	18059054705	0.0	18.0	18.0	NORMALE
13	191939068725	0.0	13.0	13.0	NORMALE
14	202039067336	0.0	10.0	10.0	NORMALE
15	202039062753	0.0	7.0	7.0	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	0.0	12.0	12.0	NORMALE
18	202039063753	0.0	15.0	15.0	NORMALE
19	191939065816	12.0	12.0	12.0	NORMALE
20	202039067256	0.0	0.0	0.0	NORMALE
21	202039062690	0.0	11.0	11.0	NORMALE
22	202039070151	0.0	4.0	4.0	NORMALE
23	202039064183	0.0	10.0	10.0	NORMALE
24	202039065563	0.0	10.0	10.0	NORMALE
25	191939065789	12.0	12.0	12.0	NORMALE
26	202039072283	0.0	8.0	8.0	NORMALE
27	191939067133	5.0	5.0	5.0	NORMALE
28	202039063812	0.0	12.0	12.0	NORMALE
29	202039070956	0.0	10.0	10.0	NORMALE
30	202039065107	0.0	7.0	7.0	NORMALE
31	202039063831	0.0	4.0	4.0	NORMALE
32	191939065925	11.0	11.0	11.0	NORMALE
33	202039062567	0.0	12.0	12.0	NORMALE
34	202039066778	0.0	4.0	4.0	NORMALE
35	161639070166	14.0	14.0	14.0	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mathématique 3 / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	13.0	13.0	13.0	NORMALE
2	161639075777	10.0	10.0	10.0	NORMALE
3	202039063726	14.5	14.5	14.5	NORMALE
4	202039071597	13.5	13.5	13.5	NORMALE
5	202039062767	13.5	13.5	13.5	NORMALE
6	202039061806	13.5	13.5	13.5	NORMALE
7	202039069512	13.5	13.5	13.5	NORMALE
8	202039070219	13.0	13.0	13.0	NORMALE
9	202039068487	10.5	10.5	10.5	NORMALE
10	191939063437	12.5	12.5	12.5	NORMALE
11	202039070202	13.0	13.0	13.0	NORMALE
12	18059054705	0.0	0.0	0.0	NORMALE
13	191939068725	12.5	12.5	12.5	NORMALE
14	202039067336	12.5	12.5	12.5	NORMALE
15	202039062753	14.5	14.5	14.5	NORMALE
16	161639053602	10.0	10.0	10.0	NORMALE
17	202039070300	13.0	13.0	13.0	NORMALE
18	202039063753	13.5	13.5	13.5	NORMALE
19	191939065816	11.5	11.5	11.5	NORMALE
20	202039067256	13.5	13.5	13.5	NORMALE
21	202039062690	12.5	12.5	12.5	NORMALE
22	202039070151	12.0	12.0	12.0	NORMALE
23	202039064183	12.5	12.5	12.5	NORMALE
24	202039065563	13.0	13.0	13.0	NORMALE
25	191939065789	10.2	10.2	10.2	NORMALE
26	202039072283	13.5	13.5	13.5	NORMALE
27	191939067133	0.0	0.0	0.0	NORMALE
28	202039063812	15.0	15.0	15.0	NORMALE
29	202039070956	13.0	13.0	13.0	NORMALE
30	202039065107	10.0	10.0	10.0	NORMALE
31	202039063831	8.5	8.5	8.5	NORMALE
32	191939065925	8.5	8.5	8.5	NORMALE
33	202039062567	12.5	12.5	12.5	NORMALE
34	202039066778	11.5	11.5	11.5	NORMALE
35	161639070166	10.0	10.0	10.0	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mécanique des fluides / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	12.0	13.0	12.4	NORMALE
2	161639075777	5.0	0.0	3.0	NORMALE
3	202039063726	11.0	11.0	11.0	NORMALE
4	202039071597	13.0	11.0	12.2	NORMALE
5	202039062767	5.0	10.5	7.2	NORMALE
6	202039061806	15.0	13.0	14.2	NORMALE
7	202039069512	10.0	11.0	10.4	NORMALE
8	202039070219	11.0	16.0	13.0	NORMALE
9	202039068487	6.0	0.0	3.6	NORMALE
10	191939063437	10.1	10.1	10.1	NORMALE
11	202039070202	9.0	12.0	10.2	NORMALE
12	18059054705	9.0	13.5	10.8	NORMALE
13	191939068725	8.0	11.0	9.2	NORMALE
14	202039067336	12.0	11.0	11.6	NORMALE
15	202039062753	9.7	11.0	10.22	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	12.0	11.0	11.6	NORMALE
18	202039063753	9.0	12.0	10.2	NORMALE
19	191939065816	5.0	10.5	7.2	NORMALE
20	202039067256	9.0	12.0	10.2	NORMALE
21	202039062690	14.0	12.0	13.2	NORMALE
22	202039070151	9.7	11.0	10.22	NORMALE
23	202039064183	9.0	13.5	10.8	NORMALE
24	202039065563	10.0	17.5	13.0	NORMALE
25	191939065789	10.0	10.0	10.0	NORMALE
26	202039072283	19.0	14.0	17.0	NORMALE
27	191939067133	10.0	10.0	10.0	NORMALE
28	202039063812	14.0	12.0	13.2	NORMALE
29	202039070956	8.7	12.5	10.22	NORMALE
30	202039065107	9.0	12.0	10.2	NORMALE
31	202039063831	9.0	12.0	10.2	NORMALE
32	191939065925	10.0	10.0	10.0	NORMALE
33	202039062567	9.7	11.0	10.22	NORMALE
34	202039066778	12.0	10.0	11.2	NORMALE
35	161639070166	14.2	14.2	14.2	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Mécanique rationnelle / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	8.0	9.0	8.4	NORMALE
2	161639075777	3.0	0.0	1.8	NORMALE
3	202039063726	5.0	10.0	7.0	NORMALE
4	202039071597	8.0	7.0	7.6	NORMALE
5	202039062767	3.0	10.0	5.8	NORMALE
6	202039061806	6.0	13.0	8.8	NORMALE
7	202039069512	10.0	12.0	10.8	NORMALE
8	202039070219	4.0	6.0	4.8	NORMALE
9	202039068487	4.0	9.0	6.0	NORMALE
10	191939063437	0.0	0.0	0.0	NORMALE
11	202039070202	7.0	11.0	8.6	NORMALE
12	18059054705	5.0	10.5	7.2	NORMALE
13	191939068725	4.0	11.0	6.8	NORMALE
14	202039067336	4.0	10.0	6.4	NORMALE
15	202039062753	5.0	10.0	7.0	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	8.0	13.0	10.0	NORMALE
18	202039063753	3.0	14.0	7.4	NORMALE
19	191939065816	5.0	7.0	5.8	NORMALE
20	202039067256	3.0	0.0	1.8	NORMALE
21	202039062690	3.0	6.0	4.2	NORMALE
22	202039070151	4.0	10.0	6.4	NORMALE
23	202039064183	7.0	11.0	8.6	NORMALE
24	202039065563	8.0	15.0	10.8	NORMALE
25	191939065789	3.0	0.0	1.8	NORMALE
26	202039072283	3.0	10.5	6.0	NORMALE
27	191939067133	0.0	0.0	0.0	NORMALE
28	202039063812	4.0	13.0	7.6	NORMALE
29	202039070956	3.0	10.0	5.8	NORMALE
30	202039065107	5.0	16.0	9.4	NORMALE
31	202039063831	5.0	12.5	8.0	NORMALE
32	191939065925	10.0	12.5	11.0	NORMALE
33	202039062567	3.0	6.0	4.2	NORMALE
34	202039066778	5.0	6.0	5.4	NORMALE
35	161639070166	0.0	0.0	0.0	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Métrologie / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	5.5	0.0	5.5	NORMALE
2	161639075777	5.25	0.0	5.25	NORMALE
3	202039063726	7.0	0.0	7.0	NORMALE
4	202039071597	7.0	0.0	7.0	NORMALE
5	202039062767	6.25	0.0	6.25	NORMALE
6	202039061806	8.25	0.0	8.25	NORMALE
7	202039069512	8.5	0.0	8.5	NORMALE
8	202039070219	5.25	0.0	5.25	NORMALE
9	202039068487	5.75	0.0	5.75	NORMALE
10	191939063437	0.0	0.0	0.0	NORMALE
11	202039070202	7.0	0.0	7.0	NORMALE
12	18059054705	9.0	0.0	9.0	NORMALE
13	191939068725	5.0	0.0	5.0	NORMALE
14	202039067336	7.5	0.0	7.5	NORMALE
15	202039062753	5.0	0.0	5.0	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	8.75	0.0	8.75	NORMALE
18	202039063753	5.0	0.0	5.0	NORMALE
19	191939065816	6.25	0.0	6.25	NORMALE
20	202039067256	5.5	0.0	5.5	NORMALE
21	202039062690	5.75	0.0	5.75	NORMALE
22	202039070151	5.5	0.0	5.5	NORMALE
23	202039064183	8.25	0.0	8.25	NORMALE
24	202039065563	10.0	0.0	10.0	NORMALE
25	191939065789	5.5	0.0	5.5	NORMALE
26	202039072283	7.5	0.0	7.5	NORMALE
27	191939067133	0.0	0.0	0.0	NORMALE
28	202039063812	7.75	0.0	7.75	NORMALE
29	202039070956	6.25	0.0	6.25	NORMALE
30	202039065107	8.0	0.0	8.0	NORMALE
31	202039063831	7.0	0.0	7.0	NORMALE
32	191939065925	7.25	0.0	7.25	NORMALE
33	202039062567	6.0	0.0	6.0	NORMALE
34	202039066778	6.5	0.0	6.5	NORMALE
35	161639070166	0.0	0.0	0.0	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Ondes et vibrations / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	4.0	14.5	8.2	NORMALE
2	161639075777	1.0	0.0	0.6	NORMALE
3	202039063726	4.0	12.5	7.4	NORMALE
4	202039071597	10.0	14.5	11.8	NORMALE
5	202039062767	3.0	11.0	6.2	NORMALE
6	202039061806	9.0	12.0	10.2	NORMALE
7	202039069512	5.0	11.5	7.6	NORMALE
8	202039070219	4.5	11.5	7.3	NORMALE
9	202039068487	4.5	10.0	6.7	NORMALE
10	191939063437	12.4	12.4	12.4	NORMALE
11	202039070202	1.0	11.0	5.0	NORMALE
12	18059054705	5.0	14.0	8.6	NORMALE
13	191939068725	4.25	11.5	7.15	NORMALE
14	202039067336	4.25	14.0	8.15	NORMALE
15	202039062753	4.0	11.0	6.8	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	7.0	13.5	9.6	NORMALE
18	202039063753	4.0	18.0	9.6	NORMALE
19	191939065816	5.25	9.5	6.95	NORMALE
20	202039067256	3.5	9.0	5.7	NORMALE
21	202039062690	5.0	10.0	7.0	NORMALE
22	202039070151	12.0	12.0	12.0	NORMALE
23	202039064183	11.0	15.0	12.6	NORMALE
24	202039065563	4.0	14.0	8.0	NORMALE
25	191939065789	3.0	0.0	1.8	NORMALE
26	202039072283	5.0	12.0	7.8	NORMALE
27	191939067133	10.6	10.6	10.6	NORMALE
28	202039063812	2.0	15.5	7.4	NORMALE
29	202039070956	1.0	11.0	5.0	NORMALE
30	202039065107	1.0	8.5	4.0	NORMALE
31	202039063831	3.5	15.5	8.3	NORMALE
32	191939065925	3.0	15.0	7.8	NORMALE
33	202039062567	3.0	7.5	4.8	NORMALE
34	202039066778	5.0	9.5	6.8	NORMALE
35	161639070166	0.0	11.5	4.6	NORMALE



Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Probabilités et statistiques / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	11.0	14.0	12.2	NORMALE
2	161639075777	14.0	14.0	14.0	NORMALE
3	202039063726	0.0	20.0	8.0	NORMALE
4	202039071597	8.0	13.0	10.0	NORMALE
5	202039062767	9.0	7.5	8.4	NORMALE
6	202039061806	10.0	8.0	9.2	NORMALE
7	202039069512	11.0	20.0	14.6	NORMALE
8	202039070219	7.0	13.5	9.6	NORMALE
9	202039068487	7.0	7.5	7.2	NORMALE
10	191939063437	10.8	10.8	10.8	NORMALE
11	202039070202	6.0	12.5	8.6	NORMALE
12	18059054705	11.5	20.0	14.9	NORMALE
13	191939068725	8.0	15.0	10.8	NORMALE
14	202039067336	9.0	19.0	13.0	NORMALE
15	202039062753	10.0	10.0	10.0	NORMALE
16	161639053602	14.0	14.0	14.0	NORMALE
17	202039070300	12.0	20.0	15.2	NORMALE
18	202039063753	6.0	16.0	10.0	NORMALE
19	191939065816	10.0	10.0	10.0	NORMALE
20	202039067256	0.0	12.0	4.8	NORMALE
21	202039062690	10.0	9.0	9.6	NORMALE
22	202039070151	8.5	15.0	11.1	NORMALE
23	202039064183	11.0	20.0	14.6	NORMALE
24	202039065563	8.0	17.5	11.8	NORMALE
25	191939065789	10.8	10.8	10.8	NORMALE
26	202039072283	17.5	20.0	18.5	NORMALE
27	191939067133	11.6	11.6	11.6	NORMALE
28	202039063812	13.0	20.0	15.8	NORMALE
29	202039070956	8.5	12.5	10.1	NORMALE
30	202039065107	4.0	17.0	9.2	NORMALE
31	202039063831	9.0	17.0	12.2	NORMALE
32	191939065925	10.8	10.8	10.8	NORMALE
33	202039062567	6.0	15.0	9.6	NORMALE
34	202039066778	9.0	20.0	13.4	NORMALE
35	161639070166	6.08	6.08	6.08	NORMALE

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: Technologie de base / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	13.0	0.0	13.0	NORMALE
2	161639075777	5.0	0.0	5.0	NORMALE
3	202039063726	12.0	0.0	12.0	NORMALE
4	202039071597	18.5	0.0	18.5	NORMALE
5	202039062767	5.0	0.0	5.0	NORMALE
6	202039061806	6.75	0.0	6.75	NORMALE
7	202039069512	8.0	0.0	8.0	NORMALE
8	202039070219	5.0	0.0	5.0	NORMALE
9	202039068487	5.5	0.0	5.5	NORMALE
10	191939063437	0.0	0.0	0.0	NORMALE
11	202039070202	10.0	0.0	10.0	NORMALE
12	18059054705	15.0	0.0	15.0	NORMALE
13	191939068725	7.0	0.0	7.0	NORMALE
14	202039067336	11.5	0.0	11.5	NORMALE
15	202039062753	5.25	0.0	5.25	NORMALE
16	161639053602	0.0	0.0	0.0	NORMALE
17	202039070300	10.0	0.0	10.0	NORMALE
18	202039063753	8.5	0.0	8.5	NORMALE
19	191939065816	7.75	0.0	7.75	NORMALE
20	202039067256	8.75	0.0	8.75	NORMALE
21	202039062690	5.75	0.0	5.75	NORMALE
22	202039070151	7.0	0.0	7.0	NORMALE
23	202039064183	5.5	0.0	5.5	NORMALE
24	202039065563	12.25	0.0	12.25	NORMALE
25	191939065789	5.0	0.0	5.0	NORMALE
26	202039072283	7.75	0.0	7.75	NORMALE
27	191939067133	0.0	0.0	0.0	NORMALE
28	202039063812	6.0	0.0	6.0	NORMALE
29	202039070956	6.75	0.0	6.75	NORMALE
30	202039065107	5.0	0.0	5.0	NORMALE
31	202039063831	5.0	0.0	5.0	NORMALE
32	191939065925	10.0	0.0	10.0	NORMALE
33	202039062567	5.0	0.0	5.0	NORMALE
34	202039066778	6.0	0.0	6.0	NORMALE
35	161639070166	0.0	0.0	0.0	NORMALE

2021/2022 Sciences et Technologies

Filière: travaux publics  
travaux publics

Niveau: Arrêté d'habilitation de l'offre de formation: N°null du

Matière: TP Ondes et vibrations / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	202039063322	0.0	13.75	13.75	NORMALE
2	161639075777	0.0	13.2	13.2	NORMALE
3	202039063726	0.0	10.75	10.75	NORMALE
4	202039071597	0.0	14.0	14.0	NORMALE
5	202039062767	0.0	2.5	2.5	NORMALE
6	202039061806	0.0	12.0	12.0	NORMALE
7	202039069512	0.0	13.75	13.75	NORMALE
8	202039070219	0.0	12.25	12.25	NORMALE
9	202039068487	0.0	13.75	13.75	NORMALE
10	191939063437	0.0	15.35	15.35	NORMALE
11	202039070202	0.0	14.75	14.75	NORMALE
12	18059054705	0.0	14.0	14.0	NORMALE
13	191939068725	0.0	14.0	14.0	NORMALE
14	202039067336	0.0	14.75	14.75	NORMALE
15	202039062753	0.0	13.25	13.25	NORMALE
16	161639053602	0.0	13.0	13.0	NORMALE
17	202039070300	0.0	12.0	12.0	NORMALE
18	202039063753	0.0	13.25	13.25	NORMALE
19	191939065816	0.0	15.6	15.6	NORMALE
20	202039067256	0.0	15.5	15.5	NORMALE
21	202039062690	0.0	13.25	13.25	NORMALE
22	202039070151	0.0	14.75	14.75	NORMALE
23	202039064183	0.0	14.0	14.0	NORMALE
24	202039065563	0.0	14.0	14.0	NORMALE
25	191939065789	0.0	14.35	14.35	NORMALE
26	202039072283	0.0	14.0	14.0	NORMALE
27	191939067133	0.0	14.7	14.7	NORMALE
28	202039063812	0.0	13.25	13.25	NORMALE
29	202039070956	0.0	12.25	12.25	NORMALE
30	202039065107	0.0	13.75	13.75	NORMALE
31	202039063831	0.0	10.0	10.0	NORMALE
32	191939065925	0.0	13.4	13.4	NORMALE
33	202039062567	0.0	15.0	15.0	NORMALE
34	202039066778	0.0	14.0	14.0	NORMALE
35	161639070166	0.0	13.4	13.4	NORMALE