

2021/2

**Filière:** génie mécanique  
énergies renouvelables en mécanique

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

**Matière:** Audit Energétique / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	6.5	0.0	6.5	NORMALE
2	181839072272	11.5	0.0	11.5	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	0.0	0.0	NORMALE
6	181839071404	12.5	0.0	12.5	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	10.0	0.0	10.0	NORMALE
9	171739072673	10.0	0.0	10.0	NORMALE
10	181539077010	10.5	0.0	10.5	NORMALE
11	20049041117	12.0	0.0	12.0	NORMALE
12	181839067574	9.0	0.0	9.0	NORMALE
13	19059056237	14.0	0.0	14.0	NORMALE
14	2188420846	8.0	0.0	8.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	10.0	0.0	10.0	NORMALE
17	171739067213	15.0	0.0	15.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	9.0	0.0	9.0	NORMALE
21	161639067423	10.0	0.0	10.0	NORMALE
22	161739081753	12.5	0.0	12.5	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	16.5	0.0	16.5	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Audit Energétique / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	4.5	0.0	4.5	NORMALE
2	21119045498	13.5	0.0	13.5	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	9.5	0.0	9.5	NORMALE
5	181839068231	12.5	0.0	12.5	NORMALE
6	181839068341	10.0	0.0	10.0	NORMALE
7	161639076833	12.0	0.0	12.0	NORMALE
8	21069054317	12.0	0.0	12.0	NORMALE
9	181839071484	9.0	0.0	9.0	NORMALE
10	2099932513	14.0	0.0	14.0	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	7.0	0.0	7.0	NORMALE
13	181839070256	5.5	0.0	5.5	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	8.5	0.0	8.5	NORMALE
16	181839072363	12.5	0.0	12.5	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	9.0	0.0	9.0	NORMALE
19	161439062444	0.0	0.0	0.0	NORMALE
20	21099050806	14.0	0.0	14.0	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Audit Energétique / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	12.0	0.0	12.0	NORMALE
3	21119044802	11.5	0.0	11.5	NORMALE
4	171739070039	10.5	0.0	10.5	NORMALE
5	181839068234	7.5	0.0	7.5	NORMALE
6	181839071931	7.5	0.0	7.5	NORMALE
7	161639068960	15.0	0.0	15.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	16.5	0.0	16.5	NORMALE
10	181839067493	9.0	0.0	9.0	NORMALE
11	161639072588	0.0	0.0	0.0	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	11.0	0.0	11.0	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	11.5	0.0	11.5	NORMALE
16	171739064566	12.0	0.0	12.0	NORMALE
17	2099932522	11.0	0.0	11.0	NORMALE
18	171739067653	11.5	0.0	11.5	NORMALE
19	181839073622	7.5	0.0	7.5	NORMALE
20	171739081667	8.0	0.0	8.0	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	0.0	0.0	NORMALE
23	171539075069	10.0	0.0	10.0	NORMALE
24	211339057761	13.5	0.0	13.5	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Audit Energétique / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	10.5	0.0	10.5	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	7.0	0.0	7.0	NORMALE
5	161639057037	12.0	0.0	12.0	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	11.5	0.0	11.5	NORMALE
8	21119045604	11.0	0.0	11.0	NORMALE
9	161639072625	10.5	0.0	10.5	NORMALE
10	171739070702	9.0	0.0	9.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	7.5	0.0	7.5	NORMALE
13	181839065701	8.0	0.0	8.0	NORMALE
14	21079074789	0.0	0.0	0.0	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	15.0	0.0	15.0	NORMALE
17	181839071160	7.5	0.0	7.5	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	12.0	0.0	12.0	NORMALE
20	21109042008	18.0	0.0	18.0	NORMALE
21	211439064881	9.0	0.0	9.0	NORMALE
22	211439055714	6.5	0.0	6.5	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Energie Hydro-électrique et Eolienne / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	3.0	11.75	6.5	NORMALE
2	181839072272	13.5	11.5	12.7	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	0.0	0.0	NORMALE
6	181839071404	1.0	6.25	3.1	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	10.5	13.0	11.5	NORMALE
9	171739072673	9.0	0.0	5.4	NORMALE
10	181539077010	11.0	12.25	11.5	NORMALE
11	200490411117	12.5	13.0	12.7	NORMALE
12	181839067574	14.5	13.0	13.9	NORMALE
13	19059056237	16.5	15.0	15.9	NORMALE
14	2188420846	11.0	13.5	12.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	9.0	13.0	10.6	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	11.5	14.0	12.5	NORMALE
21	161639067423	10.0	13.0	11.2	NORMALE
22	161739081753	12.0	12.75	12.3	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	13.0	14.25	13.5	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Energie Hydro-électrique et Eolienne / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	13.5	12.75	13.2	NORMALE
2	21119045498	10.5	12.5	11.3	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	8.0	12.0	9.6	NORMALE
5	181839068231	15.0	13.0	14.2	NORMALE
6	181839068341	12.0	13.0	12.4	NORMALE
7	161639076833	0.0	0.0	0.0	NORMALE
8	21069054317	15.0	12.5	14.0	NORMALE
9	181839071484	16.5	12.25	14.8	NORMALE
10	2099932513	12.0	13.0	12.4	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	15.5	6.5	11.9	NORMALE
13	181839070256	10.0	6.0	8.4	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	11.0	10.5	10.8	NORMALE
16	181839072363	10.0	12.0	10.8	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	12.0	13.0	12.4	NORMALE
19	161439062444	0.0	5.5	2.2	NORMALE
20	21099050806	11.0	12.0	11.4	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Energie Hydro-électrique et Eolienne / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	6.0	13.0	8.8	NORMALE
3	21119044802	16.5	13.0	15.1	NORMALE
4	171739070039	5.0	5.25	5.1	NORMALE
5	181839068234	13.0	13.0	13.0	NORMALE
6	181839071931	12.0	11.5	11.8	NORMALE
7	161639068960	0.0	0.0	0.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	13.0	13.0	13.0	NORMALE
10	181839067493	15.5	13.5	14.7	NORMALE
11	161639072588	0.0	12.0	4.8	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	13.5	13.5	13.5	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	0.0	12.0	4.8	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	7.5	13.0	9.7	NORMALE
18	171739067653	2.0	12.0	6.0	NORMALE
19	181839073622	10.0	13.5	11.4	NORMALE
20	171739081667	0.0	5.25	2.1	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	10.75	4.3	NORMALE
23	171539075069	4.0	12.5	7.4	NORMALE
24	211339057761	14.5	13.0	13.9	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Energie Hydro-électrique et Eolienne / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	5.0	5.25	5.1	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	14.0	13.0	13.6	NORMALE
5	161639057037	10.0	6.0	8.4	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	11.0	12.25	11.5	NORMALE
8	21119045604	16.0	14.25	15.3	NORMALE
9	161639072625	0.0	0.0	0.0	NORMALE
10	171739070702	11.5	12.0	11.7	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	0.0	12.0	4.8	NORMALE
13	181839065701	0.0	12.0	4.8	NORMALE
14	21079074789	0.0	11.5	4.6	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	4.0	5.25	4.5	NORMALE
17	181839071160	11.0	14.0	12.2	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	6.0	6.0	6.0	NORMALE
20	21109042008	15.5	15.0	15.3	NORMALE
21	211439064881	0.0	13.5	5.4	NORMALE
22	211439055714	16.0	11.0	14.0	NORMALE



2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	8.0	0.0	8.0	NORMALE
2	181839072272	10.0	0.0	10.0	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	12.0	0.0	12.0	NORMALE
6	181839071404	6.0	0.0	6.0	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	8.0	0.0	8.0	NORMALE
9	171739072673	7.0	0.0	7.0	NORMALE
10	181539077010	8.0	0.0	8.0	NORMALE
11	200490411117	11.0	0.0	11.0	NORMALE
12	181839067574	12.0	0.0	12.0	NORMALE
13	19059056237	17.0	0.0	17.0	NORMALE
14	2188420846	10.0	0.0	10.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	13.0	0.0	13.0	NORMALE
17	171739067213	13.0	0.0	13.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	13.0	0.0	13.0	NORMALE
21	161639067423	9.0	0.0	9.0	NORMALE
22	161739081753	9.0	0.0	9.0	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	11.0	0.0	11.0	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	9.0	0.0	9.0	NORMALE
2	21119045498	11.0	0.0	11.0	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	9.0	0.0	9.0	NORMALE
5	181839068231	8.0	0.0	8.0	NORMALE
6	181839068341	11.0	0.0	11.0	NORMALE
7	161639076833	12.0	0.0	12.0	NORMALE
8	21069054317	13.0	0.0	13.0	NORMALE
9	181839071484	6.0	0.0	6.0	NORMALE
10	2099932513	13.0	0.0	13.0	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	10.0	0.0	10.0	NORMALE
13	181839070256	9.0	0.0	9.0	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	11.0	0.0	11.0	NORMALE
16	181839072363	9.0	0.0	9.0	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	9.0	0.0	9.0	NORMALE
19	161439062444	0.0	0.0	0.0	NORMALE
20	21099050806	9.0	0.0	9.0	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	9.0	0.0	9.0	NORMALE
3	21119044802	10.0	0.0	10.0	NORMALE
4	171739070039	15.0	0.0	15.0	NORMALE
5	181839068234	9.0	0.0	9.0	NORMALE
6	181839071931	9.0	0.0	9.0	NORMALE
7	161639068960	14.0	0.0	14.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	9.0	0.0	9.0	NORMALE
10	181839067493	14.0	0.0	14.0	NORMALE
11	161639072588	0.0	0.0	0.0	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	14.0	0.0	14.0	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	9.0	0.0	9.0	NORMALE
16	171739064566	13.0	0.0	13.0	NORMALE
17	2099932522	9.0	0.0	9.0	NORMALE
18	171739067653	7.0	0.0	7.0	NORMALE
19	181839073622	10.0	0.0	10.0	NORMALE
20	171739081667	9.0	0.0	9.0	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	0.0	0.0	NORMALE
23	171539075069	7.0	0.0	7.0	NORMALE
24	211339057761	10.0	0.0	10.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Ethique déontologie et Propriété Intellectuelle / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	17.0	0.0	17.0	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	12.0	0.0	12.0	NORMALE
5	161639057037	10.0	0.0	10.0	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	10.0	0.0	10.0	NORMALE
8	21119045604	10.0	0.0	10.0	NORMALE
9	161639072625	15.0	0.0	15.0	NORMALE
10	171739070702	12.0	0.0	12.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	8.0	0.0	8.0	NORMALE
13	181839065701	7.0	0.0	7.0	NORMALE
14	21079074789	10.0	0.0	10.0	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	14.0	0.0	14.0	NORMALE
17	181839071160	10.0	0.0	10.0	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	9.0	0.0	9.0	NORMALE
20	21109042008	10.0	0.0	10.0	NORMALE
21	211439064881	13.0	0.0	13.0	NORMALE
22	211439055714	10.0	0.0	10.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09/09/2019

Matière: Matériaux photovoltaïques / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	8.0	0.0	8.0	NORMALE
2	181839072272	17.0	0.0	17.0	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	0.0	0.0	NORMALE
6	181839071404	12.0	0.0	12.0	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	11.0	0.0	11.0	NORMALE
9	171739072673	11.0	0.0	11.0	NORMALE
10	181539077010	5.0	0.0	5.0	NORMALE
11	200490411117	15.0	0.0	15.0	NORMALE
12	181839067574	16.0	0.0	16.0	NORMALE
13	19059056237	13.0	0.0	13.0	NORMALE
14	2188420846	11.0	0.0	11.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	11.0	0.0	11.0	NORMALE
17	171739067213	14.0	0.0	14.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	15.0	0.0	15.0	NORMALE
21	161639067423	12.0	0.0	12.0	NORMALE
22	161739081753	12.0	0.0	12.0	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	14.0	0.0	14.0	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Matériaux photovoltaïques / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	15.0	0.0	15.0	NORMALE
2	21119045498	16.0	0.0	16.0	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	13.0	0.0	13.0	NORMALE
5	181839068231	11.0	0.0	11.0	NORMALE
6	181839068341	10.0	0.0	10.0	NORMALE
7	161639076833	15.0	0.0	15.0	NORMALE
8	21069054317	0.0	0.0	0.0	NORMALE
9	181839071484	13.0	0.0	13.0	NORMALE
10	2099932513	12.0	0.0	12.0	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	14.0	0.0	14.0	NORMALE
13	181839070256	10.0	0.0	10.0	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	16.0	0.0	16.0	NORMALE
16	181839072363	14.0	0.0	14.0	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	12.0	0.0	12.0	NORMALE
19	161439062444	0.0	0.0	0.0	NORMALE
20	21099050806	10.0	0.0	10.0	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Matériaux photovoltaïques / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	12.0	0.0	12.0	NORMALE
3	21119044802	15.0	0.0	15.0	NORMALE
4	171739070039	12.0	0.0	12.0	NORMALE
5	181839068234	13.0	0.0	13.0	NORMALE
6	181839071931	10.0	0.0	10.0	NORMALE
7	161639068960	14.0	0.0	14.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	15.0	0.0	15.0	NORMALE
10	181839067493	11.0	0.0	11.0	NORMALE
11	161639072588	0.0	0.0	0.0	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	11.0	0.0	11.0	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	10.0	0.0	10.0	NORMALE
16	171739064566	11.0	0.0	11.0	NORMALE
17	2099932522	13.0	0.0	13.0	NORMALE
18	171739067653	7.0	0.0	7.0	NORMALE
19	181839073622	11.0	0.0	11.0	NORMALE
20	171739081667	0.0	0.0	0.0	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	0.0	0.0	NORMALE
23	171539075069	14.0	0.0	14.0	NORMALE
24	211339057761	13.0	0.0	13.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Matériaux photovoltaïques / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	10.0	0.0	10.0	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	13.0	0.0	13.0	NORMALE
5	161639057037	14.0	0.0	14.0	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	13.0	0.0	13.0	NORMALE
8	21119045604	12.0	0.0	12.0	NORMALE
9	161639072625	14.0	0.0	14.0	NORMALE
10	171739070702	14.0	0.0	14.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	13.0	0.0	13.0	NORMALE
13	181839065701	14.0	0.0	14.0	NORMALE
14	21079074789	14.0	0.0	14.0	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	13.0	0.0	13.0	NORMALE
17	181839071160	15.0	0.0	15.0	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	15.0	0.0	15.0	NORMALE
20	21109042008	14.0	0.0	14.0	NORMALE
21	211439064881	15.0	0.0	15.0	NORMALE
22	211439055714	12.0	0.0	12.0	NORMALE



2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Métrologie Thermique , Asservissements et Régulation / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	1.0	11.5	5.2	NORMALE
2	181839072272	0.0	4.15	1.66	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	8.18	3.27	NORMALE
6	181839071404	1.0	9.1	4.24	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	3.0	12.4	6.76	NORMALE
9	171739072673	0.5	0.0	0.3	NORMALE
10	181539077010	1.5	12.1	5.74	NORMALE
11	200490411117	0.5	1.75	1.0	NORMALE
12	181839067574	5.0	13.3	8.32	NORMALE
13	19059056237	0.0	11.7	4.68	NORMALE
14	2188420846	0.5	10.6	4.54	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	10.0	12.7	11.08	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	0.0	12.1	4.84	NORMALE
21	161639067423	2.25	11.85	6.09	NORMALE
22	161739081753	6.5	13.3	9.22	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	5.0	12.93	8.17	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Métrologie Thermique , Asservissements et Régulation / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	0.0	8.7	3.48	NORMALE
2	21119045498	5.5	11.32	7.83	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	1.0	9.66	4.46	NORMALE
5	181839068231	11.5	12.28	11.81	NORMALE
6	181839068341	5.25	11.93	7.92	NORMALE
7	161639076833	0.0	0.0	0.0	NORMALE
8	21069054317	6.0	13.48	8.99	NORMALE
9	181839071484	1.0	12.25	5.5	NORMALE
10	2099932513	4.5	12.1	7.54	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	7.0	7.53	7.21	NORMALE
13	181839070256	1.0	9.83	4.53	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	1.0	6.6	3.24	NORMALE
16	181839072363	4.0	12.4	7.36	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	2.5	11.33	6.03	NORMALE
19	161439062444	0.0	4.73	1.89	NORMALE
20	21099050806	7.25	12.19	9.23	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Métrologie Thermique , Asservissements et Régulation / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	8.0	9.3	8.52	NORMALE
3	21119044802	12.0	12.02	12.01	NORMALE
4	171739070039	0.5	1.8	1.02	NORMALE
5	181839068234	4.0	8.1	5.64	NORMALE
6	181839071931	2.5	6.23	3.99	NORMALE
7	161639068960	7.9	7.9	7.9	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	2.0	6.18	3.67	NORMALE
10	181839067493	4.0	12.23	7.29	NORMALE
11	161639072588	0.0	10.55	4.22	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	2.0	8.75	4.7	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	2.5	7.3	4.42	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	5.5	12.4	8.26	NORMALE
18	171739067653	0.5	7.9	3.46	NORMALE
19	181839073622	6.0	10.7	7.88	NORMALE
20	171739081667	0.0	5.2	2.08	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	4.73	1.89	NORMALE
23	171539075069	2.5	11.33	6.03	NORMALE
24	211339057761	1.0	12.38	5.55	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Métrologie Thermique , Asservissements et Régulation / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	6.4	6.4	6.4	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	1.0	10.9	4.96	NORMALE
5	161639057037	1.0	12.1	5.44	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	3.0	9.1	5.44	NORMALE
8	21119045604	5.5	12.7	8.38	NORMALE
9	161639072625	10.63	10.63	10.63	NORMALE
10	171739070702	3.5	9.4	5.86	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	0.5	12.1	5.14	NORMALE
13	181839065701	4.25	9.2	6.23	NORMALE
14	21079074789	2.0	8.0	4.4	NORMALE
15	161739080651	0.0	4.55	1.82	NORMALE
16	171739075753	2.5	8.1	4.74	NORMALE
17	181839071160	0.5	11.2	4.78	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	2.0	8.1	4.44	NORMALE
20	21109042008	7.0	14.2	9.88	NORMALE
21	211439064881	1.25	10.3	4.87	NORMALE
22	211439055714	4.5	8.0	5.9	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Montage et Dimensionnement des projets ER / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	7.0	13.0	9.4	NORMALE
2	181839072272	7.0	14.5	10.0	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	0.0	0.0	NORMALE
6	181839071404	7.0	8.0	7.4	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	8.0	13.5	10.2	NORMALE
9	171739072673	7.0	0.0	4.2	NORMALE
10	181539077010	7.0	14.0	9.8	NORMALE
11	200490411117	9.0	13.0	10.6	NORMALE
12	181839067574	13.0	13.5	13.2	NORMALE
13	19059056237	17.0	16.5	16.8	NORMALE
14	2188420846	7.0	12.0	9.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	10.0	13.5	11.4	NORMALE
17	171739067213	11.5	11.5	11.5	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	8.0	12.0	9.6	NORMALE
21	161639067423	8.0	13.5	10.2	NORMALE
22	161739081753	12.0	13.5	12.6	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	19.5	19.0	19.3	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Montage et Dimensionnement des projets ER / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	7.0	12.5	9.2	NORMALE
2	21119045498	7.0	13.75	9.7	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	7.0	14.0	9.8	NORMALE
5	181839068231	8.0	14.0	10.4	NORMALE
6	181839068341	7.0	13.5	9.6	NORMALE
7	161639076833	12.8	12.8	12.8	NORMALE
8	21069054317	11.5	17.25	13.8	NORMALE
9	181839071484	8.5	11.0	9.5	NORMALE
10	2099932513	10.0	16.0	12.4	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	14.0	15.5	14.6	NORMALE
13	181839070256	8.0	13.0	10.0	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	7.0	12.0	9.0	NORMALE
16	181839072363	7.0	13.0	9.4	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	10.0	13.0	11.2	NORMALE
19	161439062444	0.0	7.0	2.8	NORMALE
20	21099050806	7.0	16.0	10.6	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Montage et Dimensionnement des projets ER / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	12.5	13.0	12.7	NORMALE
3	21119044802	18.0	15.0	16.8	NORMALE
4	171739070039	10.3	10.3	10.3	NORMALE
5	181839068234	7.0	11.0	8.6	NORMALE
6	181839071931	7.0	7.0	7.0	NORMALE
7	161639068960	13.0	13.0	13.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	8.0	16.0	11.2	NORMALE
10	181839067493	9.0	8.0	8.6	NORMALE
11	161639072588	0.0	14.0	5.6	NORMALE
12	21901032034	8.0	0.0	4.8	NORMALE
13	21079067565	9.0	16.0	11.8	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	7.0	13.0	9.4	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	14.0	17.0	15.2	NORMALE
18	171739067653	7.0	10.0	8.2	NORMALE
19	181839073622	7.0	13.5	9.6	NORMALE
20	171739081667	7.0	0.0	4.2	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	0.0	0.0	NORMALE
23	171539075069	11.0	13.5	12.0	NORMALE
24	211339057761	8.0	14.0	10.4	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Montage et Dimensionnement des projets ER / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	13.6	13.6	13.6	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	7.0	13.0	9.4	NORMALE
5	161639057037	7.0	11.0	8.6	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	9.0	14.5	11.2	NORMALE
8	21119045604	8.0	16.0	11.2	NORMALE
9	161639072625	11.8	11.8	11.8	NORMALE
10	171739070702	7.0	13.0	9.4	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	7.0	9.0	7.8	NORMALE
13	181839065701	7.0	9.0	7.8	NORMALE
14	21079074789	8.0	8.0	8.0	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	10.3	10.3	10.3	NORMALE
17	181839071160	9.0	14.5	11.2	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	7.0	13.5	9.6	NORMALE
20	21109042008	14.0	18.5	15.8	NORMALE
21	211439064881	7.0	14.0	9.8	NORMALE
22	211439055714	7.0	14.0	9.8	NORMALE



2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Rayonnement Solaire / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	0.25	11.25	4.65	NORMALE
2	181839072272	7.0	10.25	8.3	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.25	0.0	0.15	NORMALE
6	181839071404	0.5	9.25	4.0	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	11.25	14.0	12.35	NORMALE
9	171739072673	0.25	0.0	0.15	NORMALE
10	181539077010	4.0	9.75	6.3	NORMALE
11	200490411117	10.0	14.0	11.6	NORMALE
12	181839067574	14.25	12.5	13.55	NORMALE
13	19059056237	15.0	14.5	14.8	NORMALE
14	2188420846	0.5	15.5	6.5	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	11.5	14.0	12.5	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	8.25	9.0	8.55	NORMALE
21	161639067423	14.5	10.0	12.7	NORMALE
22	161739081753	11.75	11.0	11.45	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	18.0	16.5	17.4	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Rayonnement Solaire / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	0.25	10.75	4.45	NORMALE
2	21119045498	8.75	12.5	10.25	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	1.0	6.0	3.0	NORMALE
5	181839068231	15.5	12.0	14.1	NORMALE
6	181839068341	12.75	14.5	13.45	NORMALE
7	161639076833	0.0	0.0	0.0	NORMALE
8	21069054317	18.0	16.0	17.2	NORMALE
9	181839071484	5.0	9.0	6.6	NORMALE
10	2099932513	7.75	14.0	10.25	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	14.0	11.0	12.8	NORMALE
13	181839070256	11.25	9.0	10.35	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	9.5	7.0	8.5	NORMALE
16	181839072363	1.5	10.5	5.1	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	13.75	13.5	13.65	NORMALE
19	161439062444	0.0	0.0	0.0	NORMALE
20	21099050806	13.25	11.0	12.35	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Rayonnement Solaire / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	9.0	11.0	9.8	NORMALE
3	21119044802	18.0	15.5	17.0	NORMALE
4	171739070039	0.25	8.5	3.55	NORMALE
5	181839068234	10.0	11.0	10.4	NORMALE
6	181839071931	9.5	11.0	10.1	NORMALE
7	161639068960	0.0	0.0	0.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	14.5	8.5	12.1	NORMALE
10	181839067493	17.0	14.25	15.9	NORMALE
11	161639072588	0.0	7.0	2.8	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	11.25	10.0	10.75	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	0.25	10.75	4.45	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	8.5	10.5	9.3	NORMALE
18	171739067653	0.25	10.0	4.15	NORMALE
19	181839073622	12.25	9.0	10.95	NORMALE
20	171739081667	0.25	8.75	3.65	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	0.0	0.0	NORMALE
23	171539075069	2.0	9.0	4.8	NORMALE
24	211339057761	18.0	12.0	15.6	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Rayonnement Solaire / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	3.0	0.0	1.8	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	11.25	11.25	11.25	NORMALE
5	161639057037	0.5	9.0	3.9	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	11.0	14.0	12.2	NORMALE
8	21119045604	14.5	14.5	14.5	NORMALE
9	161639072625	0.0	0.0	0.0	NORMALE
10	171739070702	13.0	11.5	12.4	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	0.5	8.0	3.5	NORMALE
13	181839065701	1.0	10.0	4.6	NORMALE
14	21079074789	9.0	7.5	8.4	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	6.5	8.75	7.4	NORMALE
17	181839071160	10.25	12.5	11.15	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	2.5	12.25	6.4	NORMALE
20	21109042008	16.75	16.5	16.65	NORMALE
21	211439064881	4.0	12.5	7.4	NORMALE
22	211439055714	10.75	9.0	10.05	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

Niveau: Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09

Matière: Solaire Thermique et Applications / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	8.25	9.62	8.8	NORMALE
2	181839072272	8.5	9.5	8.9	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	8.25	0.0	4.95	NORMALE
6	181839071404	11.5	10.0	10.9	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	14.0	10.75	12.7	NORMALE
9	171739072673	9.5	0.0	5.7	NORMALE
10	181539077010	8.0	10.87	9.15	NORMALE
11	200490411117	12.0	13.5	12.6	NORMALE
12	181839067574	8.25	12.25	9.85	NORMALE
13	19059056237	11.0	11.12	11.05	NORMALE
14	2188420846	10.0	12.75	11.1	NORMALE
15	161639070757	10.5	10.5	10.5	NORMALE
16	2097827822	10.75	10.75	10.75	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	7.75	12.75	9.75	NORMALE
21	161639067423	10.75	13.0	11.65	NORMALE
22	161739081753	8.5	11.62	9.75	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	10.75	15.0	12.45	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Solaire Thermique et Applications / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	10.5	10.75	10.6	NORMALE
2	21119045498	8.5	14.0	10.7	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	10.0	12.37	10.95	NORMALE
5	181839068231	7.5	10.87	8.85	NORMALE
6	181839068341	5.0	12.12	7.85	NORMALE
7	161639076833	0.0	0.0	0.0	NORMALE
8	21069054317	16.25	12.37	14.7	NORMALE
9	181839071484	7.5	13.25	9.8	NORMALE
10	2099932513	13.5	14.0	13.7	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	13.5	13.37	13.45	NORMALE
13	181839070256	9.5	11.75	10.4	NORMALE
14	171739069684	11.0	0.0	6.6	NORMALE
15	20059043681	11.25	11.75	11.45	NORMALE
16	181839072363	7.0	11.5	8.8	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	13.0	13.12	13.05	NORMALE
19	161439062444	0.0	10.87	4.35	NORMALE
20	21099050806	8.25	11.25	9.45	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Solaire Thermique et Applications / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	13.0	14.37	13.55	NORMALE
3	21119044802	11.25	12.62	11.8	NORMALE
4	171739070039	10.0	0.0	6.0	NORMALE
5	181839068234	8.25	11.75	9.65	NORMALE
6	181839071931	10.25	9.87	10.1	NORMALE
7	161639068960	0.0	0.0	0.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	11.75	11.25	11.55	NORMALE
10	181839067493	13.75	11.75	12.95	NORMALE
11	161639072588	9.5	10.5	9.9	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	13.5	11.0	12.5	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	11.0	11.75	11.3	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	12.5	9.87	11.45	NORMALE
18	171739067653	9.5	11.12	10.15	NORMALE
19	181839073622	8.5	10.12	9.15	NORMALE
20	171739081667	8.0	0.0	4.8	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	10.37	4.15	NORMALE
23	171539075069	9.0	12.87	10.55	NORMALE
24	211339057761	11.25	12.0	11.55	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Solaire Thermique et Applications / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	10.75	0.0	6.45	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	8.25	12.0	9.75	NORMALE
5	161639057037	8.5	11.12	9.55	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	11.75	13.37	12.4	NORMALE
8	21119045604	8.0	12.62	9.85	NORMALE
9	161639072625	0.0	0.0	0.0	NORMALE
10	171739070702	8.5	12.25	10.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	8.0	10.5	9.0	NORMALE
13	181839065701	8.25	13.12	10.2	NORMALE
14	21079074789	8.75	11.62	9.9	NORMALE
15	161739080651	0.0	0.0	0.0	NORMALE
16	171739075753	8.5	11.25	9.6	NORMALE
17	181839071160	9.25	10.0	9.55	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	8.5	12.62	10.15	NORMALE
20	21109042008	10.75	13.37	11.8	NORMALE
21	211439064881	9.25	9.25	9.25	NORMALE
22	211439055714	8.0	11.87	9.55	NORMALE



2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: TP de Conversion / Section A / 1

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	0.0	15.0	15.0	NORMALE
2	181839072272	0.0	15.0	15.0	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	0.0	0.0	NORMALE
6	181839071404	0.0	19.0	19.0	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	0.0	15.0	15.0	NORMALE
9	171739072673	0.0	0.0	0.0	NORMALE
10	181539077010	0.0	19.0	19.0	NORMALE
11	200490411117	0.0	19.0	19.0	NORMALE
12	181839067574	0.0	15.0	15.0	NORMALE
13	19059056237	0.0	17.0	17.0	NORMALE
14	2188420846	0.0	17.0	17.0	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	0.0	19.0	19.0	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	0.0	12.0	12.0	NORMALE
21	161639067423	0.0	17.0	17.0	NORMALE
22	161739081753	0.0	19.0	19.0	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	0.0	17.0	17.0	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: TP de Conversion / Section A / 2

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	0.0	18.0	18.0	NORMALE
2	21119045498	0.0	14.0	14.0	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	0.0	14.0	14.0	NORMALE
5	181839068231	0.0	19.0	19.0	NORMALE
6	181839068341	0.0	18.0	18.0	NORMALE
7	161639076833	0.0	10.0	10.0	NORMALE
8	21069054317	0.0	19.0	19.0	NORMALE
9	181839071484	0.0	19.0	19.0	NORMALE
10	2099932513	0.0	19.0	19.0	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	0.0	19.0	19.0	NORMALE
13	181839070256	0.0	14.0	14.0	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	0.0	14.0	14.0	NORMALE
16	181839072363	0.0	16.0	16.0	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	0.0	18.0	18.0	NORMALE
19	161439062444	0.0	14.0	14.0	NORMALE
20	21099050806	0.0	17.0	17.0	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: TP de Conversion / Section A / 3

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	0.0	15.0	15.0	NORMALE
3	21119044802	0.0	19.0	19.0	NORMALE
4	171739070039	0.0	12.5	12.5	NORMALE
5	181839068234	0.0	15.0	15.0	NORMALE
6	181839071931	0.0	10.0	10.0	NORMALE
7	161639068960	0.0	10.0	10.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	0.0	14.0	14.0	NORMALE
10	181839067493	0.0	15.0	15.0	NORMALE
11	161639072588	0.0	18.0	18.0	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	0.0	18.0	18.0	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	0.0	15.0	15.0	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	0.0	19.0	19.0	NORMALE
18	171739067653	0.0	15.0	15.0	NORMALE
19	181839073622	0.0	15.0	15.0	NORMALE
20	171739081667	0.0	15.0	15.0	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	14.0	14.0	NORMALE
23	171539075069	0.0	14.0	14.0	NORMALE
24	211339057761	0.0	18.0	18.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: TP de Conversion / Section A / 4

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	10.0	10.0	NORMALE
2	171739065214	0.0	10.0	10.0	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	0.0	15.0	15.0	NORMALE
5	161639057037	0.0	16.0	16.0	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	0.0	19.0	19.0	NORMALE
8	21119045604	0.0	15.0	15.0	NORMALE
9	161639072625	0.0	10.0	10.0	NORMALE
10	171739070702	0.0	12.0	12.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	0.0	13.0	13.0	NORMALE
13	181839065701	0.0	19.0	19.0	NORMALE
14	21079074789	0.0	15.0	15.0	NORMALE
15	161739080651	0.0	12.0	12.0	NORMALE
16	171739075753	0.0	10.0	10.0	NORMALE
17	181839071160	0.0	15.0	15.0	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	0.0	16.0	16.0	NORMALE
20	21109042008	0.0	18.0	18.0	NORMALE
21	211439064881	0.0	19.0	19.0	NORMALE
22	211439055714	0.0	19.0	19.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Transfert thermique Approfondie et Dimensionnement et Phénomène de Transport / Section A /

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

#	Matricule	Examen	CC	MG	Session
1	181839065713	0.5	2.0	1.1	NORMALE
2	181839072272	1.5	1.0	1.3	NORMALE
3	171739080751	0.0	0.0	0.0	NORMALE
4	181439060670	0.0	0.0	0.0	NORMALE
5	211339046961	0.0	2.0	0.8	NORMALE
6	181839071404	2.0	0.0	1.2	NORMALE
7	171739076023	0.0	0.0	0.0	NORMALE
8	181839068329	13.5	10.0	12.1	NORMALE
9	171739072673	4.0	1.0	2.8	NORMALE
10	181539077010	5.0	4.0	4.6	NORMALE
11	200490411117	10.0	6.0	8.4	NORMALE
12	181839067574	13.5	14.0	13.7	NORMALE
13	19059056237	16.0	15.0	15.6	NORMALE
14	2188420846	1.0	14.0	6.2	NORMALE
15	161639070757	0.0	0.0	0.0	NORMALE
16	2097827822	12.0	15.0	13.2	NORMALE
17	171739067213	0.0	0.0	0.0	NORMALE
18	171739073739	0.0	0.0	0.0	NORMALE
19	171739069247	0.0	0.0	0.0	NORMALE
20	19932085003	11.0	9.0	10.2	NORMALE
21	161639067423	0.0	11.0	4.4	NORMALE
22	161739081753	4.5	11.0	7.1	NORMALE
23	181839070150	0.0	0.0	0.0	NORMALE
24	21109045908	14.5	18.0	15.9	NORMALE
25	21099043012	0.0	0.0	0.0	NORMALE
26	161539067946	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Transfert thermique Approfondie et Dimensionnement et Phénomène de Transport / Section A /

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

#	Matricule	Examen	CC	MG	Session
1	171739075110	1.0	7.0	3.4	NORMALE
2	21119045498	13.0	10.0	11.8	NORMALE
3	161639056995	0.0	0.0	0.0	NORMALE
4	171739071365	4.0	10.0	6.4	NORMALE
5	181839068231	12.0	8.0	10.4	NORMALE
6	181839068341	11.5	11.0	11.3	NORMALE
7	161639076833	0.0	0.0	0.0	NORMALE
8	21069054317	16.0	19.0	17.2	NORMALE
9	181839071484	4.0	7.0	5.2	NORMALE
10	2099932513	12.0	14.0	12.8	NORMALE
11	171739064417	0.0	0.0	0.0	NORMALE
12	181839066952	11.5	11.0	11.3	NORMALE
13	181839070256	6.0	10.0	7.6	NORMALE
14	171739069684	0.0	0.0	0.0	NORMALE
15	20059043681	2.0	11.0	5.6	NORMALE
16	181839072363	2.0	10.0	5.2	NORMALE
17	171739067302	0.0	0.0	0.0	NORMALE
18	161639072498	16.0	12.0	14.4	NORMALE
19	161439062444	0.0	2.0	0.8	NORMALE
20	21099050806	10.0	12.0	10.8	NORMALE
21	211539070481	0.0	0.0	0.0	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Transfert thermique Approfondie et Dimensionnement et Phénomène de Transport / Section A /

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

#	Matricule	Examen	CC	MG	Session
1	171739070115	0.0	0.0	0.0	NORMALE
2	181839071088	12.0	14.0	12.8	NORMALE
3	21119044802	16.0	17.0	16.4	NORMALE
4	171739070039	8.0	2.0	5.6	NORMALE
5	181839068234	17.0	10.0	14.2	NORMALE
6	181839071931	5.5	10.0	7.3	NORMALE
7	161639068960	0.0	0.0	0.0	NORMALE
8	171739072172	0.0	0.0	0.0	NORMALE
9	18109035426	10.0	10.0	10.0	NORMALE
10	181839067493	15.5	15.0	15.3	NORMALE
11	161639072588	0.0	4.0	1.6	NORMALE
12	21901032034	0.0	0.0	0.0	NORMALE
13	21079067565	10.0	10.0	10.0	NORMALE
14	161639057018	0.0	0.0	0.0	NORMALE
15	171739075334	1.0	5.0	2.6	NORMALE
16	171739064566	0.0	0.0	0.0	NORMALE
17	2099932522	13.5	15.0	14.1	NORMALE
18	171739067653	2.5	2.0	2.3	NORMALE
19	181839073622	10.0	12.0	10.8	NORMALE
20	171739081667	10.0	1.0	6.4	NORMALE
21	171739076642	0.0	0.0	0.0	NORMALE
22	161439062716	0.0	2.0	0.8	NORMALE
23	171539075069	2.0	10.0	5.2	NORMALE
24	211339057761	17.0	16.0	16.6	NORMALE

2021/2

Filière: génie mécanique  
énergies renouvelables en mécanique

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

Matière: Transfert thermique Approfondie et Dimensionnement et Phénomène de Transport / Section A /

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

#	Matricule	Examen	CC	MG	Session
1	161639069046	0.0	0.0	0.0	NORMALE
2	171739065214	10.5	7.0	9.1	NORMALE
3	171739068210	0.0	0.0	0.0	NORMALE
4	181839068301	11.0	11.0	11.0	NORMALE
5	161639057037	7.0	2.0	5.0	NORMALE
6	181839069822	0.0	0.0	0.0	NORMALE
7	21059055869	13.0	8.0	11.0	NORMALE
8	21119045604	13.0	10.0	11.8	NORMALE
9	161639072625	0.0	0.0	0.0	NORMALE
10	171739070702	11.0	16.0	13.0	NORMALE
11	171739073698	0.0	0.0	0.0	NORMALE
12	181839072229	5.0	7.0	5.8	NORMALE
13	181839065701	3.0	2.0	2.6	NORMALE
14	21079074789	10.0	14.0	11.6	NORMALE
15	161739080651	0.0	2.0	0.8	NORMALE
16	171739075753	0.5	13.0	5.5	NORMALE
17	181839071160	5.0	15.0	9.0	NORMALE
18	161639077338	0.0	0.0	0.0	NORMALE
19	171539076160	1.0	1.0	1.0	NORMALE
20	21109042008	14.5	17.5	15.7	NORMALE
21	211439064881	1.0	9.0	4.2	NORMALE
22	211439055714	10.0	10.0	10.0	NORMALE































































































