



Université d'El Oued

وزارة التعليم العالي و البحث العلمي

كلية التكنولوجيا

Département Genie Mecanique

2021/2022

Sciences et Technologies

Filière: Génie Mécanique
energétique

Niveau:

Matière: CFD et logiciels / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	8.66	8.66	8.66
2	2101942359	3.0	12.0	6.6
3	171739072281	5.0	18.0	10.2
4	171739068567	2.5	8.0	4.7
5	171739070482	5.5	10.5	7.5
6	171739070656	3.5	10.5	6.3
7	171739064767	2.0	9.0	4.8
8	171739071240	11.5	17.0	13.7
9	219202016062	5.5	18.0	10.5
10	171739070626	4.5	16.0	9.1
11	171739075661	5.0	9.0	6.6
12	2198823796	0.0	7.0	2.8
13	171739068603	0.0	16.0	6.4
14	181539069396	2.0	0.0	1.2
15	181539078981	9.16	9.16	9.16
16	1902936242	2.0	12.5	6.2
17	171739071401	2.0	9.0	4.8
18	171739068383	7.0	13.5	9.6
19	171739068697	4.0	13.0	7.6
20	21079065262	18.0	18.0	18.0
21	171739069765	4.0	9.0	6.0
22	171739081654	2.0	16.5	7.8
23	1902946292	13.18	13.18	13.18
24	171739068573	8.0	15.0	10.8
25	1901936949	7.56	7.56	7.56
26	171739082332	3.0	1.0	2.2
27	171739068246	2.0	14.5	7.0
28	171739068551	3.0	8.0	5.0
29	151535068534	2.0	6.0	3.6
30	09099043024	3.5	7.0	4.9
31	17099041756	11.12	11.12	11.12
32	17119044909	0.0	0.0	0.0
33	171439062556	10.8	10.8	10.8

Filière: Génie Mécanique
énergétique

Niveau:

Matière: CFD et logiciels / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	5.0	1.0	3.4
3	171739068698	2.5	7.0	4.3
4	19069056009	9.5	16.5	12.3
5	171739070517	2.0	8.0	4.4
6	2101941271	2.0	9.0	4.8
7	171739068589	5.5	9.0	6.9
8	161739074428	4.0	9.0	6.0
9	171739070782	4.0	7.5	5.4
10	171739070540	4.0	1.0	2.8
11	171739075916	2.5	9.0	5.1
12	171739074789	2.5	6.5	4.1
13	171739064521	5.5	8.5	6.7
14	171739069637	4.0	7.0	5.2
15	171739069724	2.0	8.0	4.4
16	2101944976	0.0	7.0	2.8
17	171739071295	2.0	6.5	3.8
18	171739068241	8.0	7.0	7.6
19	21059055861	3.0	7.0	4.6
20	21059063079	4.0	11.0	6.8
21	2192502029	2.0	11.5	5.8
22	171739068549	7.0	7.0	7.0
23	171739080599	3.5	7.0	4.9
24	171739068375	4.0	7.0	5.2
25	171739068611	2.0	8.0	4.4
26	2101944943	2.0	7.0	4.0
27	171739070644	5.0	6.0	5.4
28	171739068571	6.0	15.0	9.6
29	171739068247	3.0	7.0	4.6
30	191439061345	2.0	6.0	3.6
31	12129039873	2.0	6.5	3.8
32	20129058284	0.0	1.0	0.4

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Croyénié / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	7.0	0.0	4.2
2	2101942359	15.0	11.0	13.4
3	171739072281	16.5	9.25	13.6
4	171739068567	13.0	11.0	12.2
5	171739070482	11.5	15.25	13.0
6	171739070656	10.0	12.75	11.1
7	171739064767	13.0	13.25	13.1
8	171739071240	15.5	9.0	12.9
9	219202016062	17.0	14.25	15.9
10	171739070626	13.5	10.5	12.3
11	171739075661	10.5	12.25	11.2
12	2198823796	0.0	0.0	0.0
13	171739068603	13.5	12.0	12.9
14	181539069396	7.5	0.0	4.5
15	181539078981	0.0	0.0	0.0
16	1902936242	15.5	14.25	15.0
17	171739071401	13.0	6.75	10.5
18	171739068383	13.5	14.75	14.0
19	171739068697	10.0	11.0	10.4
20	21079065262	19.0	16.0	17.8
21	171739069765	10.0	10.0	10.0
22	171739081654	9.0	13.0	10.6
23	1902946292	0.0	9.68	3.87
24	171739068573	11.5	11.25	11.4
25	1901936949	0.0	0.0	0.0
26	171739082332	4.0	11.0	6.8
27	171739068246	11.0	11.0	11.0
28	171739068551	8.5	13.0	10.3
29	151535068534	13.0	13.5	13.2
30	09099043024	11.0	8.5	10.0
31	17099041756	0.0	8.8	3.52
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Croyénié / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	13.5	8.25	11.4
3	171739068698	9.5	11.0	10.1
4	19069056009	14.0	15.0	14.4
5	171739070517	12.5	12.75	12.6
6	2101941271	16.5	13.75	15.4
7	171739068589	14.5	13.75	14.2
8	161739074428	15.5	13.5	14.7
9	171739070782	12.5	9.5	11.3
10	171739070540	10.5	11.0	10.7
11	171739075916	15.5	10.5	13.5
12	171739074789	4.0	11.25	6.9
13	171739064521	10.0	14.25	11.7
14	171739069637	0.0	11.5	4.6
15	171739069724	12.0	0.0	7.2
16	2101944976	19.0	16.75	18.1
17	171739071295	16.5	11.0	14.3
18	171739068241	10.0	10.0	10.0
19	21059055861	16.0	10.75	13.9
20	21059063079	15.5	10.75	13.6
21	2192502029	4.5	4.5	4.5
22	171739068549	13.0	7.5	10.8
23	171739080599	15.0	10.5	13.2
24	171739068375	12.5	9.5	11.3
25	171739068611	12.0	9.25	10.9
26	2101944943	16.0	14.75	15.5
27	171739070644	13.0	12.0	12.6
28	171739068571	10.0	12.25	10.9
29	171739068247	0.0	9.5	3.8
30	191439061345	0.0	13.0	5.2
31	12129039873	5.0	10.5	7.2
32	20129058284	10.0	11.0	10.4

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Echangeurs de chaleur / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	0.0	0.0	0.0
2	2101942359	10.0	13.0	11.2
3	171739072281	15.0	9.0	12.6
4	171739068567	14.0	12.0	13.2
5	171739070482	16.0	10.0	13.6
6	171739070656	0.0	8.5	3.4
7	171739064767	7.0	8.5	7.6
8	171739071240	14.0	12.5	13.4
9	219202016062	16.0	13.5	15.0
10	171739070626	14.0	10.0	12.4
11	171739075661	6.0	9.0	7.2
12	2198823796	0.0	7.0	2.8
13	171739068603	18.5	11.5	15.7
14	181539069396	7.0	0.0	4.2
15	181539078981	0.0	0.0	0.0
16	1902936242	11.0	12.5	11.6
17	171739071401	13.0	9.0	11.4
18	171739068383	11.0	12.0	11.4
19	171739068697	10.0	9.0	9.6
20	21079065262	18.5	15.0	17.1
21	171739069765	10.0	8.5	9.4
22	171739081654	12.0	10.5	11.4
23	1902946292	0.0	9.76	3.9
24	171739068573	11.0	10.5	10.8
25	1901936949	0.0	0.0	0.0
26	171739082332	4.0	9.5	6.2
27	171739068246	12.0	12.0	12.0
28	171739068551	14.0	12.0	13.2
29	151535068534	10.0	0.0	6.0
30	09099043024	10.0	12.0	10.8
31	17099041756	0.0	8.96	3.58
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Echangeurs de chaleur / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	12.0	15.5	13.4
3	171739068698	6.0	8.5	7.0
4	19069056009	16.0	15.5	15.8
5	171739070517	9.0	12.5	10.4
6	2101941271	5.0	9.0	6.6
7	171739068589	15.0	12.5	14.0
8	161739074428	10.0	0.0	6.0
9	171739070782	6.0	8.5	7.0
10	171739070540	9.0	7.5	8.4
11	171739075916	14.0	9.0	12.0
12	171739074789	13.0	9.0	11.4
13	171739064521	8.0	11.5	9.4
14	171739069637	7.0	7.5	7.2
15	171739069724	6.0	5.5	5.8
16	2101944976	11.0	14.5	12.4
17	171739071295	8.0	9.0	8.4
18	171739068241	12.0	10.0	11.2
19	21059055861	17.0	11.0	14.6
20	21059063079	18.5	13.5	16.5
21	2192502029	3.0	7.0	4.6
22	171739068549	13.0	13.5	13.2
23	171739080599	5.0	11.0	7.4
24	171739068375	16.0	5.0	11.6
25	171739068611	4.0	9.5	6.2
26	2101944943	16.0	12.0	14.4
27	171739070644	7.0	9.0	7.8
28	171739068571	10.0	11.0	10.4
29	171739068247	5.0	8.5	6.4
30	191439061345	3.0	9.0	5.4
31	12129039873	2.0	9.0	4.8
32	20129058284	6.0	11.5	8.2

Filière: Génie Mécanique
énergétique

Niveau:

Matière: **Électronique appliquée / Section A / 1**

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	1.0	0.0	1.0
2	2101942359	15.0	0.0	15.0
3	171739072281	13.0	0.0	13.0
4	171739068567	12.0	0.0	12.0
5	171739070482	14.0	0.0	14.0
6	171739070656	4.0	0.0	4.0
7	171739064767	8.0	0.0	8.0
8	171739071240	7.0	0.0	7.0
9	219202016062	20.0	0.0	20.0
10	171739070626	11.0	0.0	11.0
11	171739075661	9.0	0.0	9.0
12	2198823796	0.0	0.0	0.0
13	171739068603	16.0	0.0	16.0
14	181539069396	0.0	0.0	0.0
15	181539078981	0.0	0.0	0.0
16	1902936242	10.0	0.0	10.0
17	171739071401	7.0	0.0	7.0
18	171739068383	8.0	0.0	8.0
19	171739068697	6.0	0.0	6.0
20	21079065262	20.0	0.0	20.0
21	171739069765	8.0	0.0	8.0
22	171739081654	13.0	0.0	13.0
23	1902946292	0.0	0.0	0.0
24	171739068573	10.0	0.0	10.0
25	1901936949	0.0	0.0	0.0
26	171739082332	5.0	0.0	5.0
27	171739068246	6.0	0.0	6.0
28	171739068551	14.0	0.0	14.0
29	151535068534	10.0	0.0	10.0
30	09099043024	15.0	0.0	15.0
31	17099041756	16.0	0.0	16.0
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: **Électronique appliquée / Section A / 2**

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	7.0	0.0	7.0
3	171739068698	5.0	0.0	5.0
4	19069056009	11.0	0.0	11.0
5	171739070517	11.0	0.0	11.0
6	2101941271	5.0	0.0	5.0
7	171739068589	0.0	0.0	0.0
8	161739074428	7.0	0.0	7.0
9	171739070782	7.0	0.0	7.0
10	171739070540	8.0	0.0	8.0
11	171739075916	8.0	0.0	8.0
12	171739074789	3.0	0.0	3.0
13	171739064521	9.0	0.0	9.0
14	171739069637	9.0	0.0	9.0
15	171739069724	9.0	0.0	9.0
16	2101944976	5.0	0.0	5.0
17	171739071295	2.0	0.0	2.0
18	171739068241	3.0	0.0	3.0
19	21059055861	11.0	0.0	11.0
20	21059063079	20.0	0.0	20.0
21	2192502029	2.0	0.0	2.0
22	171739068549	13.0	0.0	13.0
23	171739080599	7.0	0.0	7.0
24	171739068375	9.0	0.0	9.0
25	171739068611	8.0	0.0	8.0
26	2101944943	13.0	0.0	13.0
27	171739070644	3.0	0.0	3.0
28	171739068571	3.0	0.0	3.0
29	171739068247	7.0	0.0	7.0
30	191439061345	3.0	0.0	3.0
31	12129039873	1.0	0.0	1.0
32	20129058284	6.0	0.0	6.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Mécanique des propulsion / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	0.0	10.6	4.24
2	2101942359	2.5	11.88	6.25
3	171739072281	10.0	13.13	11.25
4	171739068567	9.5	13.25	11.0
5	171739070482	7.0	13.75	9.7
6	171739070656	2.0	11.38	5.75
7	171739064767	3.0	12.75	6.9
8	171739071240	6.0	12.63	8.65
9	219202016062	12.0	14.5	13.0
10	171739070626	9.5	11.63	10.35
11	171739075661	7.5	12.5	9.5
12	2198823796	0.0	7.0	2.8
13	171739068603	17.0	13.5	15.6
14	181539069396	4.0	0.0	2.4
15	181539078981	0.0	0.0	0.0
16	1902936242	4.0	11.75	7.1
17	171739071401	7.0	13.0	9.4
18	171739068383	7.0	11.0	8.6
19	171739068697	7.0	12.63	9.25
20	21079065262	13.0	13.88	13.35
21	171739069765	7.5	13.25	9.8
22	171739081654	6.0	11.75	8.3
23	1902946292	0.0	7.0	2.8
24	171739068573	11.0	13.75	12.1
25	1901936949	0.0	0.0	0.0
26	171739082332	6.0	11.63	8.25
27	171739068246	5.0	12.38	7.95
28	171739068551	5.0	10.63	7.25
29	151535068534	2.0	12.25	6.1
30	09099043024	7.5	10.38	8.65
31	17099041756	0.0	6.14	2.46
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Mécanique des propulsion / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	6.0	11.13	8.05
3	171739068698	2.0	10.63	5.45
4	19069056009	9.0	13.0	10.6
5	171739070517	5.5	12.13	8.15
6	2101941271	4.0	12.13	7.25
7	171739068589	12.0	12.5	12.2
8	161739074428	6.0	14.13	9.25
9	171739070782	4.0	11.63	7.05
10	171739070540	5.0	12.63	8.05
11	171739075916	7.0	12.38	9.15
12	171739074789	2.0	12.25	6.1
13	171739064521	3.5	12.38	7.05
14	171739069637	5.0	12.63	8.05
15	171739069724	4.0	11.5	7.0
16	2101944976	8.5	13.75	10.6
17	171739071295	2.5	11.88	6.25
18	171739068241	7.5	11.63	9.15
19	21059055861	6.0	11.63	8.25
20	21059063079	8.5	12.38	10.05
21	2192502029	2.0	12.13	6.05
22	171739068549	11.0	12.5	11.6
23	171739080599	4.0	11.5	7.0
24	171739068375	7.0	11.88	8.95
25	171739068611	7.0	12.25	9.1
26	2101944943	11.0	13.13	11.85
27	171739070644	3.5	10.75	6.4
28	171739068571	11.0	12.63	11.65
29	171739068247	5.5	11.13	7.75
30	191439061345	2.5	10.5	5.7
31	12129039873	2.0	11.63	5.85
32	20129058284	2.0	10.25	5.3

Filière: Génie Mécanique
énergétique

Niveau:

Matière: moteur à combustion interne approfondi / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	3.0	0.0	1.8
2	2101942359	10.0	13.0	11.2
3	171739072281	5.0	5.5	5.2
4	171739068567	5.0	8.25	6.3
5	171739070482	8.0	12.0	9.6
6	171739070656	7.0	10.0	8.2
7	171739064767	6.0	10.0	7.6
8	171739071240	5.0	10.0	7.0
9	219202016062	11.0	14.5	12.4
10	171739070626	6.0	12.0	8.4
11	171739075661	0.0	9.0	3.6
12	2198823796	0.0	6.0	2.4
13	171739068603	19.0	14.5	17.2
14	181539069396	3.0	0.0	1.8
15	181539078981	0.0	0.0	0.0
16	1902936242	5.0	11.0	7.4
17	171739071401	3.0	9.0	5.4
18	171739068383	10.0	12.5	11.0
19	171739068697	2.0	10.5	5.4
20	21079065262	13.0	13.0	13.0
21	171739069765	3.0	9.0	5.4
22	171739081654	9.0	12.0	10.2
23	1902946292	0.0	11.46	4.58
24	171739068573	6.0	10.5	7.8
25	1901936949	0.0	0.0	0.0
26	171739082332	8.0	11.0	9.2
27	171739068246	5.0	11.0	7.4
28	171739068551	5.0	8.25	6.3
29	151535068534	5.0	10.0	7.0
30	09099043024	7.0	11.0	8.6
31	17099041756	0.0	13.53	5.41
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: moteur à combustion interne approfondi / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	2.0	10.0	5.2
3	171739068698	2.0	10.75	5.5
4	19069056009	11.0	11.25	11.1
5	171739070517	3.0	8.0	5.0
6	2101941271	5.0	10.0	7.0
7	171739068589	10.0	10.0	10.0
8	161739074428	11.0	10.0	10.6
9	171739070782	6.0	10.0	7.6
10	171739070540	6.0	8.25	6.9
11	171739075916	6.0	10.0	7.6
12	171739074789	5.0	7.0	5.8
13	171739064521	2.0	12.25	6.1
14	171739069637	5.0	10.0	7.0
15	171739069724	4.0	6.75	5.1
16	2101944976	0.0	10.0	4.0
17	171739071295	5.0	10.0	7.0
18	171739068241	6.0	8.75	7.1
19	21059055861	3.0	10.0	5.8
20	21059063079	9.0	13.0	10.6
21	2192502029	5.0	10.0	7.0
22	171739068549	8.0	11.0	9.2
23	171739080599	5.0	8.75	6.5
24	171739068375	6.0	10.5	7.8
25	171739068611	7.0	7.25	7.1
26	2101944943	7.0	10.0	8.2
27	171739070644	3.0	7.5	4.8
28	171739068571	8.0	13.0	10.0
29	171739068247	5.0	8.75	6.5
30	191439061345	2.0	7.0	4.0
31	12129039873	2.0	7.0	4.0
32	20129058284	0.0	6.0	2.4

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Optimisation / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	0.0	10.0	4.0
2	2101942359	14.0	17.6	15.44
3	171739072281	13.0	11.9	12.56
4	171739068567	11.0	8.6	10.04
5	171739070482	9.0	12.2	10.28
6	171739070656	4.0	12.2	7.28
7	171739064767	7.5	9.8	8.42
8	171739071240	12.0	15.2	13.28
9	219202016062	12.0	11.1	11.64
10	171739070626	8.5	8.3	8.42
11	171739075661	5.0	10.4	7.16
12	2198823796	0.0	0.0	0.0
13	171739068603	17.5	8.0	13.7
14	181539069396	6.0	0.0	3.6
15	181539078981	0.0	11.95	4.78
16	1902936242	4.0	11.9	7.16
17	171739071401	7.0	11.3	8.72
18	171739068383	6.5	12.2	8.78
19	171739068697	4.0	8.3	5.72
20	21079065262	19.0	17.9	18.56
21	171739069765	7.5	8.9	8.06
22	171739081654	6.0	9.5	7.4
23	1902946292	0.0	10.35	4.14
24	171739068573	9.5	8.3	9.02
25	1901936949	0.0	11.08	4.43
26	171739082332	1.5	11.3	5.42
27	171739068246	3.0	8.3	5.12
28	171739068551	10.0	8.3	9.32
29	151535068534	1.0	9.8	4.52
30	09099043024	14.0	11.9	13.16
31	17099041756	0.0	11.2	4.48
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Optimisation / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	8.5	16.7	11.78
3	171739068698	1.0	8.3	3.92
4	19069056009	9.0	10.4	9.56
5	171739070517	3.0	8.0	5.0
6	2101941271	12.0	12.5	12.2
7	171739068589	17.0	12.4	15.16
8	161739074428	12.0	11.0	11.6
9	171739070782	2.0	8.0	4.4
10	171739070540	9.5	5.6	7.94
11	171739075916	12.0	11.9	11.96
12	171739074789	4.0	8.6	5.84
13	171739064521	6.0	8.6	7.04
14	171739069637	3.0	10.4	5.96
15	171739069724	4.0	7.1	5.24
16	2101944976	9.0	4.4	7.16
17	171739071295	8.0	4.2	6.48
18	171739068241	5.5	8.3	6.62
19	21059055861	17.0	17.6	17.24
20	21059063079	14.5	16.7	15.38
21	2192502029	1.0	0.0	0.6
22	171739068549	9.5	8.3	9.02
23	171739080599	5.0	9.2	6.68
24	171739068375	3.0	8.3	5.12
25	171739068611	8.5	7.7	8.18
26	2101944943	13.0	5.0	9.8
27	171739070644	4.0	8.0	5.6
28	171739068571	12.0	8.3	10.52
29	171739068247	6.0	5.0	5.6
30	191439061345	0.0	7.8	3.12
31	12129039873	0.0	0.0	0.0
32	20129058284	6.0	0.0	3.6

Filière: Génie Mécanique
énergétique

Niveau:

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

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	9.0	0.0	9.0
2	2101942359	10.0	0.0	10.0
3	171739072281	8.0	0.0	8.0
4	171739068567	15.5	0.0	15.5
5	171739070482	10.0	0.0	10.0
6	171739070656	10.0	0.0	10.0
7	171739064767	17.0	0.0	17.0
8	171739071240	12.5	0.0	12.5
9	219202016062	17.0	0.0	17.0
10	171739070626	9.0	0.0	9.0
11	171739075661	10.0	0.0	10.0
12	2198823796	0.0	0.0	0.0
13	171739068603	16.5	0.0	16.5
14	181539069396	14.0	0.0	14.0
15	181539078981	0.0	0.0	0.0
16	1902936242	11.0	0.0	11.0
17	171739071401	9.0	0.0	9.0
18	171739068383	15.0	0.0	15.0
19	171739068697	11.5	0.0	11.5
20	21079065262	20.0	0.0	20.0
21	171739069765	14.0	0.0	14.0
22	171739081654	17.0	0.0	17.0
23	1902946292	0.0	0.0	0.0
24	171739068573	13.5	0.0	13.5
25	1901936949	0.0	0.0	0.0
26	171739082332	13.5	0.0	13.5
27	171739068246	18.0	0.0	18.0
28	171739068551	14.0	0.0	14.0
29	151535068534	12.0	0.0	12.0
30	09099043024	0.0	0.0	0.0
31	17099041756	0.0	0.0	0.0
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Recherche documentaire et conception de mémoire / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	14.0	0.0	14.0
3	171739068698	11.0	0.0	11.0
4	19069056009	13.5	0.0	13.5
5	171739070517	12.0	0.0	12.0
6	2101941271	12.5	0.0	12.5
7	171739068589	15.0	0.0	15.0
8	161739074428	0.0	0.0	0.0
9	171739070782	14.0	0.0	14.0
10	171739070540	11.0	0.0	11.0
11	171739075916	12.0	0.0	12.0
12	171739074789	15.0	0.0	15.0
13	171739064521	10.0	0.0	10.0
14	171739069637	12.0	0.0	12.0
15	171739069724	10.0	0.0	10.0
16	2101944976	10.0	0.0	10.0
17	171739071295	8.0	0.0	8.0
18	171739068241	10.0	0.0	10.0
19	21059055861	13.5	0.0	13.5
20	21059063079	17.0	0.0	17.0
21	2192502029	11.0	0.0	11.0
22	171739068549	15.0	0.0	15.0
23	171739080599	14.5	0.0	14.5
24	171739068375	15.0	0.0	15.0
25	171739068611	11.0	0.0	11.0
26	2101944943	0.0	0.0	0.0
27	171739070644	10.5	0.0	10.5
28	171739068571	10.0	0.0	10.0
29	171739068247	13.0	0.0	13.0
30	191439061345	11.5	0.0	11.5
31	12129039873	7.0	0.0	7.0
32	20129058284	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: TP Echangeurs de chaleur / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	0.0	15.0	15.0
2	2101942359	0.0	19.0	19.0
3	171739072281	0.0	17.5	17.5
4	171739068567	0.0	13.0	13.0
5	171739070482	0.0	18.0	18.0
6	171739070656	0.0	17.0	17.0
7	171739064767	0.0	18.0	18.0
8	171739071240	0.0	17.5	17.5
9	219202016062	0.0	18.5	18.5
10	171739070626	0.0	18.5	18.5
11	171739075661	0.0	14.5	14.5
12	2198823796	0.0	7.0	7.0
13	171739068603	0.0	18.0	18.0
14	181539069396	0.0	11.5	11.5
15	181539078981	0.0	14.15	14.15
16	1902936242	0.0	16.5	16.5
17	171739071401	0.0	17.5	17.5
18	171739068383	0.0	16.5	16.5
19	171739068697	0.0	18.0	18.0
20	21079065262	0.0	18.0	18.0
21	171739069765	0.0	17.0	17.0
22	171739081654	0.0	18.5	18.5
23	1902946292	0.0	14.15	14.15
24	171739068573	0.0	18.0	18.0
25	1901936949	0.0	13.65	13.65
26	171739082332	0.0	14.0	14.0
27	171739068246	0.0	15.5	15.5
28	171739068551	0.0	13.0	13.0
29	151535068534	0.0	17.5	17.5
30	09099043024	0.0	18.5	18.5
31	17099041756	0.0	14.0	14.0
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: TP Echangeurs de chaleur / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	1.0	1.0
2	21059046210	0.0	17.0	17.0
3	171739068698	0.0	12.0	12.0
4	19069056009	0.0	17.0	17.0
5	171739070517	0.0	16.5	16.5
6	2101941271	0.0	19.0	19.0
7	171739068589	0.0	16.5	16.5
8	161739074428	0.0	17.0	17.0
9	171739070782	0.0	16.0	16.0
10	171739070540	0.0	18.0	18.0
11	171739075916	0.0	15.5	15.5
12	171739074789	0.0	15.5	15.5
13	171739064521	0.0	17.5	17.5
14	171739069637	0.0	18.0	18.0
15	171739069724	0.0	15.0	15.0
16	2101944976	0.0	15.0	15.0
17	171739071295	0.0	12.5	12.5
18	171739068241	0.0	14.5	14.5
19	21059055861	0.0	19.0	19.0
20	21059063079	0.0	19.0	19.0
21	2192502029	0.0	15.5	15.5
22	171739068549	0.0	16.0	16.0
23	171739080599	0.0	18.0	18.0
24	171739068375	0.0	14.5	14.5
25	171739068611	0.0	12.5	12.5
26	2101944943	0.0	13.5	13.5
27	171739070644	0.0	16.5	16.5
28	171739068571	0.0	15.5	15.5
29	171739068247	0.0	17.0	17.0
30	191439061345	0.0	15.0	15.0
31	12129039873	0.0	13.0	13.0
32	20129058284	0.0	11.5	11.5

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Transport et stockage de l'énerg. / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	181339052160	0.0	0.0	0.0
2	2101942359	11.0	0.0	11.0
3	171739072281	15.5	0.0	15.5
4	171739068567	13.0	0.0	13.0
5	171739070482	13.0	0.0	13.0
6	171739070656	9.5	0.0	9.5
7	171739064767	9.5	0.0	9.5
8	171739071240	12.5	0.0	12.5
9	219202016062	17.0	0.0	17.0
10	171739070626	13.5	0.0	13.5
11	171739075661	8.5	0.0	8.5
12	2198823796	0.0	0.0	0.0
13	171739068603	9.0	0.0	9.0
14	181539069396	0.0	0.0	0.0
15	181539078981	0.0	0.0	0.0
16	1902936242	15.5	0.0	15.5
17	171739071401	12.5	0.0	12.5
18	171739068383	14.5	0.0	14.5
19	171739068697	16.0	0.0	16.0
20	21079065262	17.0	0.0	17.0
21	171739069765	9.5	0.0	9.5
22	171739081654	12.5	0.0	12.5
23	1902946292	0.0	0.0	0.0
24	171739068573	16.0	0.0	16.0
25	1901936949	0.0	0.0	0.0
26	171739082332	11.0	0.0	11.0
27	171739068246	12.0	0.0	12.0
28	171739068551	12.5	0.0	12.5
29	151535068534	14.5	0.0	14.5
30	09099043024	10.0	0.0	10.0
31	17099041756	9.0	0.0	9.0
32	17119044909	0.0	0.0	0.0
33	171439062556	0.0	0.0	0.0

Filière: Génie Mécanique
énergétique

Niveau:

Matière: Transport et stockage de l'énerg. / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG
1	2101934601	0.0	0.0	0.0
2	21059046210	15.5	0.0	15.5
3	171739068698	13.5	0.0	13.5
4	19069056009	17.0	0.0	17.0
5	171739070517	12.5	0.0	12.5
6	2101941271	12.0	0.0	12.0
7	171739068589	14.0	0.0	14.0
8	161739074428	11.5	0.0	11.5
9	171739070782	11.5	0.0	11.5
10	171739070540	12.5	0.0	12.5
11	171739075916	13.5	0.0	13.5
12	171739074789	14.0	0.0	14.0
13	171739064521	8.0	0.0	8.0
14	171739069637	12.5	0.0	12.5
15	171739069724	12.5	0.0	12.5
16	2101944976	15.5	0.0	15.5
17	171739071295	10.0	0.0	10.0
18	171739068241	14.5	0.0	14.5
19	21059055861	9.5	0.0	9.5
20	21059063079	17.5	0.0	17.5
21	2192502029	14.0	0.0	14.0
22	171739068549	14.0	0.0	14.0
23	171739080599	13.5	0.0	13.5
24	171739068375	13.5	0.0	13.5
25	171739068611	13.0	0.0	13.0
26	2101944943	11.0	0.0	11.0
27	171739070644	12.5	0.0	12.5
28	171739068571	15.0	0.0	15.0
29	171739068247	11.5	0.0	11.5
30	191439061345	12.5	0.0	12.5
31	12129039873	13.0	0.0	13.0
32	20129058284	12.5	0.0	12.5