



2025/2026

Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Bases de la recherche opérationnelle / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434007318			18.5	17.5		18.1		NORMA
2	232334015413			0.0	7.0		2.8		NORMA
3	212134007334			4.5	6.5		5.3		NORMA
4	232334020416			10.5	9.5		10.1		NORMA
5	222234047802			0.0	7.0		3.4	3.4	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			7.0	10.0		8.2		NORMA
8	222234021320			5.0	4.5		4.8	1.4	NORMA
9	232334056308			14.5	18.0		15.9		NORMA
10	181837019946			5.5	9.0		6.9		NORMA
11	222234025916			9.5	11.0		10.1		NORMA
12	202034003878			2.0	9.0		4.8	2.1	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			18.75	17.75		18.35		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			4.5	7.0		5.5		NORMA
17	232434099402			12.5	14.5		13.3		NORMA
18	222234004120			1.0	0.0		0.6		NORMA
19	232334026111			8.5	9.0		8.7		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	6.0		2.4		NORMA
22	242434005001			13.0	13.0		13.0		NORMA
23	242434028303			8.5	12.5		10.1		NORMA
24	242434073601			5.5	11.75		8.0		NORMA
25	232334234105			1.0	5.5		2.8		NORMA
26	242434093806			15.5	18.0		16.5		NORMA
27	222234044402			3.5	10.0		6.1		NORMA
28	242434068304			17.0	19.0		17.8		NORMA
29	232334044518			14.5	16.0		15.1		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			6.0	10.25		7.7		NORMA
32	242434028311			9.5	11.5		10.3		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Bases de la recherche opérationnelle / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			11.25	16.0		13.15		NORMA
2	242434004911			2.5	8.0		4.7		NORMA
3	242434004920			6.0	13.0		8.8		NORMA
4	242434051414			6.5	11.0		8.3		NORMA
5	242434028816			9.5	12.5		10.7		NORMA
6	242434044918			9.5	14.5		11.5		NORMA
7	212134002367			0.0	0.0		10.2	10.2	NORMA
8	242434092208			8.5	12.5		10.1		NORMA
9	242434061213			1.0	5.5		2.8		NORMA
10	232334019501			15.5	16.25		15.8		NORMA
11	242434028818			7.5	14.5		10.3		NORMA
12	212134000761			0.0	0.0		6.0	6.0	NORMA
13	212134000650			10.0	10.0		10.0	0.0	NORMA
14	242434073506			14.25	16.0		14.95		NORMA
15	242434028402			14.5	16.75		15.4		NORMA
16	232334027405			14.0	14.0		14.0		NORMA
17	242434007501			5.5	9.0		6.9		NORMA
18	242434030015			12.25	9.0		10.95		NORMA
19	242434006218			3.0	0.0		1.8		NORMA
20	202034000813			0.5	0.0		0.3		NORMA
21	212134002651			0.0	0.0		9.77	9.77	NORMA
22	242434004601			9.0	14.0		11.0		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			1.0	10.5		4.8		NORMA
25	242434080914			12.5	13.25		12.8		NORMA
26	242434075715			0.5	9.5		4.1		NORMA
27	242434029412			10.0	14.25		11.7		NORMA
28	242434007103			2.5	8.0		4.7		NORMA
29	232334010518			8.0	13.0		10.0		NORMA
30	232434101319			8.5	14.0		10.7		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Bases de la recherche opérationnelle / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434073920			7.0	15.0		10.2		NORMA
2	242434028805			5.5	10.0		7.3		NORMA
3	232334051819			7.5	9.0		8.1		NORMA
4	242434046914			6.0	6.5		6.2		NORMA
5	242434040614			1.5	8.0		4.1		NORMA
6	232334004701			2.0	8.5		4.6		NORMA
7	242434005507			0.0	5.0		2.0		NORMA
8	222234044502			11.5	15.0		12.9		NORMA
9	242434057515			8.5	10.0		9.1		NORMA
10	232334044509			5.5	10.0		7.3		NORMA
11	242434005805			6.0	12.0		8.4		NORMA
12	232334047904			5.0	12.5		8.0		NORMA
13	222234008408			12.0	6.0		9.6		NORMA
14	242434034815			5.0	12.0		7.8		NORMA
15	212134001354			0.5	7.0		3.1	0.0	NORMA
16	242434004907			5.5	11.5		7.9		NORMA
17	242434082915			1.5	6.5		3.5		NORMA
18	222234004413			0.0	6.5		2.6		NORMA
19	242434009915			10.0	10.5		10.2		NORMA
20	242434029216			5.0	10.0		7.0		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			5.5	7.0		6.1		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			12.0	13.75		12.7		NORMA
25	222234015304			1.5	6.0		3.3	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			2.5	9.0		5.1		NORMA
28	242434004616			1.0	10.5		4.8		NORMA
29	242434024015			18.0	18.0		18.0		NORMA
30	232334010319			11.0	13.25		11.9		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Economie algérienne / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434007318			0.0	15.0		6.0		NORMA
2	232334015413			0.0	11.75		4.7		NORMA
3	212134007334			0.0	11.75		4.7		NORMA
4	232334020416			0.0	12.25		4.9		NORMA
5	222234047802			0.0	0.0		6.0	6.0	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			0.0	11.0		4.4		NORMA
8	222234021320			0.0	0.0		4.8	4.8	NORMA
9	232334056308			0.0	16.25		6.5		NORMA
10	181837019946			0.0	16.0		6.4		NORMA
11	222234025916			0.0	16.5		6.6		NORMA
12	202034003878			0.0	3.75		4.0	4.0	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			0.0	16.75		6.7		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			0.0	13.25		5.3		NORMA
17	232434099402			0.0	18.0		7.2		NORMA
18	222234004120			0.0	0.0		0.0		NORMA
19	232334026111			0.0	13.0		5.2		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	0.0		0.0		NORMA
22	242434005001			0.0	15.5		6.2		NORMA
23	242434028303			0.0	16.0		6.4		NORMA
24	242434073601			0.0	16.25		6.5		NORMA
25	232334234105			0.0	5.25		2.1		NORMA
26	242434093806			0.0	18.25		7.3		NORMA
27	222234044402			0.0	13.75		5.5		NORMA
28	242434068304			0.0	15.25		6.1		NORMA
29	232334044518			0.0	14.0		5.6		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			0.0	14.75		5.9		NORMA
32	242434028311			0.0	15.25		6.1		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Economie algérienne / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			0.0	13.5		5.4		NORMA
2	242434004911			0.0	13.0		5.2		NORMA
3	242434004920			0.0	17.0		6.8		NORMA
4	242434051414			0.0	15.0		6.0		NORMA
5	242434028816			0.0	13.0		5.2		NORMA
6	242434044918			0.0	13.0		5.2		NORMA
7	212134002367			0.0	15.45		15.45	15.45	NORMA
8	242434092208			0.0	17.0		6.8		NORMA
9	242434061213			0.0	10.0		4.0		NORMA
10	232334019501			0.0	18.0		7.2		NORMA
11	242434028818			0.0	15.0		6.0		NORMA
12	212134000761			0.0	0.0		8.88	8.88	NORMA
13	212134000650			0.0	13.5		5.4	0.0	NORMA
14	242434073506			0.0	12.0		4.8		NORMA
15	242434028402			0.0	15.0		6.0		NORMA
16	232334027405			0.0	15.0		6.0		NORMA
17	242434007501			0.0	14.25		5.7		NORMA
18	242434030015			0.0	16.75		6.7		NORMA
19	242434006218			0.0	12.5		5.0		NORMA
20	202034000813			0.0	0.5		0.2		NORMA
21	212134002651			0.0	14.25		14.25	14.25	NORMA
22	242434004601			0.0	17.75		7.1		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			0.0	14.5		5.8		NORMA
25	242434080914			0.0	14.0		5.6		NORMA
26	242434075715			0.0	16.5		6.6		NORMA
27	242434029412			0.0	13.5		5.4		NORMA
28	242434007103			0.0	14.0		5.6		NORMA
29	232334010518			0.0	13.0		5.2		NORMA
30	232434101319			0.0	16.5		6.6		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Economie algérienne / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434073920			0.0	14.5		5.8		NORMA
2	242434028805			0.0	14.5		5.8		NORMA
3	232334051819			0.0	13.0		5.2		NORMA
4	242434046914			0.0	13.0		5.2		NORMA
5	242434040614			0.0	13.0		5.2		NORMA
6	232334004701			0.0	13.5		5.4		NORMA
7	242434005507			0.0	13.5		5.4		NORMA
8	222234044502			0.0	13.0		5.2		NORMA
9	242434057515			0.0	16.25		6.5		NORMA
10	232334044509			0.0	12.0		4.8		NORMA
11	242434005805			0.0	14.5		5.8		NORMA
12	232334047904			0.0	16.0		6.4		NORMA
13	222234008408			0.0	13.0		5.2		NORMA
14	242434034815			0.0	18.0		7.2		NORMA
15	212134001354			0.0	13.0		5.2	0.0	NORMA
16	242434004907			0.0	15.5		6.2		NORMA
17	242434082915			0.0	12.0		4.8		NORMA
18	222234004413			0.0	10.0		4.0		NORMA
19	242434009915			0.0	14.75		5.9		NORMA
20	242434029216			0.0	14.5		5.8		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			0.0	14.0		5.6		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			0.0	16.5		6.6		NORMA
25	222234015304			0.0	12.5		5.0	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			0.0	13.5		5.4		NORMA
28	242434004616			0.0	14.0		5.6		NORMA
29	242434024015			0.0	17.5		7.0		NORMA
30	232334010319			0.0	13.0		5.2		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Économie internationale / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			19.0	17.0		18.2		NORMA
2	232334015413			0.0	14.0		5.6		NORMA
3	212134007334			3.0	15.5		8.0		NORMA
4	232334020416			11.0	13.0		11.8		NORMA
5	222234047802			0.0	2.5		4.2	4.2	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			3.5	12.0		6.9		NORMA
8	222234021320			0.5	4.0		5.4	5.4	NORMA
9	232334056308			14.5	15.0		14.7		NORMA
10	181837019946			4.0	15.0		8.4		NORMA
11	222234025916			10.5	14.0		11.9		NORMA
12	202034003878			4.5	13.0		9.8	9.8	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			19.0	17.0		18.2		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			14.0	12.0		13.2		NORMA
17	232434099402			19.0	16.0		17.8		NORMA
18	222234004120			1.0	0.0		0.6		NORMA
19	232334026111			14.5	15.0		14.7		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	0.0		0.0		NORMA
22	242434005001			16.5	15.0		15.9		NORMA
23	242434028303			11.0	15.5		12.8		NORMA
24	242434073601			14.0	15.0		14.4		NORMA
25	232334234105			5.0	14.5		8.8		NORMA
26	242434093806			18.0	17.0		17.6		NORMA
27	222234044402			9.0	13.5		10.8		NORMA
28	242434068304			18.5	16.0		17.5		NORMA
29	232334044518			11.0	15.0		12.6		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			6.0	15.0		9.6		NORMA
32	242434028311			10.5	15.5		12.5		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Économie internationale / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			7.5	15.0		10.5		NORMA
2	242434004911			7.5	13.0		9.7		NORMA
3	242434004920			17.5	17.0		17.3		NORMA
4	242434051414			8.5	15.0		11.1		NORMA
5	242434028816			17.5	17.5		17.5		NORMA
6	242434044918			14.0	13.5		13.8		NORMA
7	212134002367			0.0	0.0		10.3	10.3	NORMA
8	242434092208			17.0	17.5		17.2		NORMA
9	242434061213			0.5	10.5		4.5		NORMA
10	232334019501			18.0	15.5		17.0		NORMA
11	242434028818			11.5	15.5		13.1		NORMA
12	212134000761			0.0	0.0		3.48	3.48	NORMA
13	212134000650			8.0	13.5		10.2	0.0	NORMA
14	242434073506			10.5	12.5		11.3		NORMA
15	242434028402			16.0	14.0		15.2		NORMA
16	232334027405			19.0	14.5		17.2		NORMA
17	242434007501			7.0	15.5		10.4		NORMA
18	242434030015			15.0	16.0		15.4		NORMA
19	242434006218			8.0	9.0		8.4		NORMA
20	202034000813			2.5	2.5		2.5		NORMA
21	212134002651			0.0	0.0		15.2	15.2	NORMA
22	242434004601			16.0	17.5		16.6		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			9.5	15.5		11.9		NORMA
25	242434080914			13.5	14.5		13.9		NORMA
26	242434075715			12.0	15.0		13.2		NORMA
27	242434029412			7.0	18.5		11.6		NORMA
28	242434007103			7.0	15.0		10.2		NORMA
29	232334010518			10.5	13.0		11.5		NORMA
30	232434101319			16.5	16.0		16.3		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Économie internationale / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434073920			12.5	14.5		13.3		NORMA
2	242434028805			13.0	13.0		13.0		NORMA
3	232334051819			4.0	13.5		7.8		NORMA
4	242434046914			8.5	14.0		10.7		NORMA
5	242434040614			8.0	14.5		10.6		NORMA
6	232334004701			13.0	13.5		13.2		NORMA
7	242434005507			0.0	14.5		5.8		NORMA
8	222234044502			14.5	14.5		14.5		NORMA
9	242434057515			11.0	14.0		12.2		NORMA
10	232334044509			8.0	15.0		10.8		NORMA
11	242434005805			3.0	15.0		7.8		NORMA
12	232334047904			13.5	15.0		14.1		NORMA
13	222234008408			0.0	14.5		5.8		NORMA
14	242434034815			13.0	16.5		14.4		NORMA
15	212134001354			11.0	13.0		11.8	0.0	NORMA
16	242434004907			9.5	15.0		11.7		NORMA
17	242434082915			7.0	14.5		10.0		NORMA
18	222234004413			0.0	10.0		4.0		NORMA
19	242434009915			16.5	15.5		16.1		NORMA
20	242434029216			13.0	14.0		13.4		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			3.0	13.0		7.0		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			16.5	17.5		16.9		NORMA
25	222234015304			11.0	12.5		11.6	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			11.0	14.0		12.2		NORMA
28	242434004616			1.5	14.0		6.5		NORMA
29	242434024015			17.0	15.0		16.2		NORMA
30	232334010319			17.0	15.0		16.2		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Entreprenariat / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			0.0	16.5		6.6		NORMA
2	232334015413			0.0	3.0		1.2		NORMA
3	212134007334			0.0	10.5		4.2		NORMA
4	232334020416			0.0	16.0		6.4		NORMA
5	222234047802			0.0	0.0		5.25	5.25	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			0.0	13.5		5.4		NORMA
8	222234021320			0.0	0.0		9.25	9.25	NORMA
9	232334056308			0.0	15.0		6.0		NORMA
10	181837019946			0.0	14.0		5.6		NORMA
11	222234025916			0.0	17.0		6.8		NORMA
12	202034003878			0.0	0.0		3.0	3.0	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			0.0	17.0		6.8		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			0.0	9.0		3.6		NORMA
17	232434099402			0.0	16.0		6.4		NORMA
18	222234004120			0.0	0.0		0.0		NORMA
19	232334026111			0.0	16.0		6.4		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	8.0		3.2		NORMA
22	242434005001			0.0	14.5		5.8		NORMA
23	242434028303			0.0	16.0		6.4		NORMA
24	242434073601			0.0	15.0		6.0		NORMA
25	232334234105			0.0	4.0		1.6		NORMA
26	242434093806			0.0	16.0		6.4		NORMA
27	222234044402			0.0	15.0		6.0		NORMA
28	242434068304			0.0	15.5		6.2		NORMA
29	232334044518			0.0	16.5		6.6		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			0.0	17.0		6.8		NORMA
32	242434028311			0.0	15.5		6.2		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Entreprenariat / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			0.0	11.0		4.4		NORMA
2	242434004911			0.0	10.5		4.2		NORMA
3	242434004920			0.0	16.5		6.6		NORMA
4	242434051414			0.0	11.75		4.7		NORMA
5	242434028816			0.0	16.0		6.4		NORMA
6	242434044918			0.0	13.0		5.2		NORMA
7	212134002367			0.0	13.0		13.0	13.0	NORMA
8	242434092208			0.0	17.5		7.0		NORMA
9	242434061213			0.0	0.0		0.0		NORMA
10	232334019501			0.0	14.5		5.8		NORMA
11	242434028818			0.0	17.5		7.0		NORMA
12	212134000761			0.0	0.0		0.0	0.0	NORMA
13	212134000650			0.0	10.0		4.0	0.0	NORMA
14	242434073506			0.0	15.0		6.0		NORMA
15	242434028402			0.0	16.5		6.6		NORMA
16	232334027405			0.0	10.5		4.2		NORMA
17	242434007501			0.0	15.0		6.0		NORMA
18	242434030015			0.0	10.0		4.0		NORMA
19	242434006218			0.0	0.0		0.0		NORMA
20	202034000813			0.0	0.0		0.0		NORMA
21	212134002651			0.0	11.0		11.0	11.0	NORMA
22	242434004601			0.0	14.0		5.6		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			0.0	16.0		6.4		NORMA
25	242434080914			0.0	13.5		5.4		NORMA
26	242434075715			0.0	16.5		6.6		NORMA
27	242434029412			0.0	16.5		6.6		NORMA
28	242434007103			0.0	14.0		5.6		NORMA
29	232334010518			0.0	12.5		5.0		NORMA
30	232434101319			0.0	16.0		6.4		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Entreprenariat / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434073920			0.0	13.0		5.2		NORMA
2	242434028805			0.0	13.5		5.4		NORMA
3	232334051819			0.0	14.0		5.6		NORMA
4	242434046914			0.0	15.0		6.0		NORMA
5	242434040614			0.0	11.0		4.4		NORMA
6	232334004701			0.0	10.0		4.0		NORMA
7	242434005507			0.0	8.5		3.4		NORMA
8	222234044502			0.0	14.0		5.6		NORMA
9	242434057515			0.0	13.0		5.2		NORMA
10	232334044509			0.0	14.0		5.6		NORMA
11	242434005805			0.0	13.0		5.2		NORMA
12	232334047904			0.0	8.0		3.2		NORMA
13	222234008408			0.0	15.0		6.0		NORMA
14	242434034815			0.0	16.5		6.6		NORMA
15	212134001354			0.0	8.0		3.2	0.0	NORMA
16	242434004907			0.0	11.0		4.4		NORMA
17	242434082915			0.0	7.0		2.8		NORMA
18	222234004413			0.0	10.0		4.0		NORMA
19	242434009915			0.0	15.0		6.0		NORMA
20	242434029216			0.0	15.5		6.2		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			0.0	14.0		5.6		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			0.0	17.0		6.8		NORMA
25	222234015304			0.0	7.0		2.8	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			0.0	7.5		3.0		NORMA
28	242434004616			0.0	11.0		4.4		NORMA
29	242434024015			0.0	15.0		6.0		NORMA
30	232334010319			0.0	13.0		5.2		NORMA
31	222234009907			0.0	10.5		10.5	10.5	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Ethique des affaires / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			0.0	0.0		0.0		NORMA
2	232334015413			0.0	0.0		0.0		NORMA
3	212134007334			0.0	0.0		0.0		NORMA
4	232334020416			0.0	0.0		0.0		NORMA
5	222234047802			0.0	0.0		5.0	5.0	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			0.0	0.0		0.0		NORMA
8	222234021320			0.0	0.0		0.0	0.0	NORMA
9	232334056308			0.0	0.0		0.0		NORMA
10	181837019946			0.0	0.0		0.0		NORMA
11	222234025916			0.0	0.0		0.0		NORMA
12	202034003878			0.0	0.0		5.0	5.0	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			0.0	0.0		0.0		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			0.0	0.0		0.0		NORMA
17	232434099402			0.0	0.0		0.0		NORMA
18	222234004120			0.0	0.0		0.0		NORMA
19	232334026111			0.0	0.0		0.0		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	0.0		0.0		NORMA
22	242434005001			0.0	0.0		0.0		NORMA
23	242434028303			0.0	0.0		0.0		NORMA
24	242434073601			0.0	0.0		0.0		NORMA
25	232334234105			0.0	0.0		0.0		NORMA
26	242434093806			0.0	0.0		0.0		NORMA
27	222234044402			0.0	0.0		0.0		NORMA
28	242434068304			0.0	0.0		0.0		NORMA
29	232334044518			0.0	0.0		0.0		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			0.0	0.0		0.0		NORMA
32	242434028311			0.0	0.0		0.0		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Ethique des affaires / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			0.0	0.0		0.0		NORMA
2	242434004911			0.0	0.0		0.0		NORMA
3	242434004920			0.0	0.0		0.0		NORMA
4	242434051414			0.0	0.0		0.0		NORMA
5	242434028816			0.0	0.0		0.0		NORMA
6	242434044918			0.0	0.0		0.0		NORMA
7	212134002367			0.0	0.0		8.0	8.0	NORMA
8	242434092208			0.0	0.0		0.0		NORMA
9	242434061213			0.0	0.0		0.0		NORMA
10	232334019501			0.0	0.0		0.0		NORMA
11	242434028818			0.0	0.0		0.0		NORMA
12	212134000761			0.0	0.0		0.0	0.0	NORMA
13	212134000650			0.0	0.0		0.0	0.0	NORMA
14	242434073506			0.0	0.0		0.0		NORMA
15	242434028402			0.0	0.0		0.0		NORMA
16	232334027405			0.0	0.0		0.0		NORMA
17	242434007501			0.0	0.0		0.0		NORMA
18	242434030015			0.0	0.0		0.0		NORMA
19	242434006218			0.0	0.0		0.0		NORMA
20	202034000813			0.0	0.0		0.0		NORMA
21	212134002651			0.0	0.0		2.0	2.0	NORMA
22	242434004601			0.0	0.0		0.0		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			0.0	0.0		0.0		NORMA
25	242434080914			0.0	0.0		0.0		NORMA
26	242434075715			0.0	0.0		0.0		NORMA
27	242434029412			0.0	0.0		0.0		NORMA
28	242434007103			0.0	0.0		0.0		NORMA
29	232334010518			0.0	0.0		0.0		NORMA
30	232434101319			0.0	0.0		0.0		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Ethique des affaires / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434073920			0.0	0.0		0.0		NORMA
2	242434028805			0.0	0.0		0.0		NORMA
3	232334051819			0.0	0.0		0.0		NORMA
4	242434046914			0.0	0.0		0.0		NORMA
5	242434040614			0.0	0.0		0.0		NORMA
6	232334004701			0.0	0.0		0.0		NORMA
7	242434005507			0.0	0.0		0.0		NORMA
8	222234044502			0.0	0.0		0.0		NORMA
9	242434057515			0.0	0.0		0.0		NORMA
10	232334044509			0.0	0.0		0.0		NORMA
11	242434005805			0.0	0.0		0.0		NORMA
12	232334047904			0.0	0.0		0.0		NORMA
13	222234008408			0.0	0.0		0.0		NORMA
14	242434034815			0.0	0.0		0.0		NORMA
15	212134001354			0.0	0.0		0.0	0.0	NORMA
16	242434004907			0.0	0.0		0.0		NORMA
17	242434082915			0.0	0.0		0.0		NORMA
18	222234004413			0.0	0.0		0.0		NORMA
19	242434009915			0.0	0.0		0.0		NORMA
20	242434029216			0.0	0.0		0.0		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			0.0	0.0		0.0		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			0.0	0.0		0.0		NORMA
25	222234015304			0.0	0.0		0.0	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			0.0	0.0		0.0		NORMA
28	242434004616			0.0	0.0		0.0		NORMA
29	242434024015			0.0	0.0		0.0		NORMA
30	232334010319			0.0	0.0		0.0		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Gestion d'entreprise / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			0.0	0.0		0.0		NORMA
2	232334015413			0.0	0.0		0.0		NORMA
3	212134007334			0.0	0.0		0.0		NORMA
4	232334020416			0.0	0.0		0.0		NORMA
5	222234047802			0.0	0.0		4.2	4.2	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			0.0	0.0		0.0		NORMA
8	222234021320			0.0	0.0		3.2	3.2	NORMA
9	232334056308			0.0	0.0		0.0		NORMA
10	181837019946			0.0	0.0		0.0		NORMA
11	222234025916			0.0	0.0		0.0		NORMA
12	202034003878			0.0	0.0		5.0	5.0	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			0.0	0.0		0.0		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			0.0	0.0		0.0		NORMA
17	232434099402			0.0	0.0		0.0		NORMA
18	222234004120			0.0	0.0		0.0		NORMA
19	232334026111			0.0	0.0		0.0		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	0.0		0.0		NORMA
22	242434005001			0.0	0.0		0.0		NORMA
23	242434028303			0.0	0.0		0.0		NORMA
24	242434073601			0.0	0.0		0.0		NORMA
25	232334234105			0.0	0.0		0.0		NORMA
26	242434093806			0.0	0.0		0.0		NORMA
27	222234044402			0.0	0.0		0.0		NORMA
28	242434068304			0.0	0.0		0.0		NORMA
29	232334044518			0.0	0.0		0.0		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			0.0	0.0		0.0		NORMA
32	242434028311			0.0	0.0		0.0		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Gestion d'entreprise / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			0.0	0.0		0.0		NORMA
2	242434004911			0.0	0.0		0.0		NORMA
3	242434004920			0.0	0.0		0.0		NORMA
4	242434051414			0.0	0.0		0.0		NORMA
5	242434028816			0.0	0.0		0.0		NORMA
6	242434044918			0.0	0.0		0.0		NORMA
7	212134002367			0.0	0.0		9.4	9.4	NORMA
8	242434092208			0.0	0.0		0.0		NORMA
9	242434061213			0.0	0.0		0.0		NORMA
10	232334019501			0.0	0.0		0.0		NORMA
11	242434028818			0.0	0.0		0.0		NORMA
12	212134000761			0.0	0.0		6.75	6.75	NORMA
13	212134000650			0.0	0.0		0.0	0.0	NORMA
14	242434073506			0.0	0.0		0.0		NORMA
15	242434028402			0.0	0.0		0.0		NORMA
16	232334027405			0.0	0.0		0.0		NORMA
17	242434007501			0.0	0.0		0.0		NORMA
18	242434030015			0.0	0.0		0.0		NORMA
19	242434006218			0.0	0.0		0.0		NORMA
20	202034000813			0.0	0.0		0.0		NORMA
21	212134002651			0.0	0.0		10.2	10.2	NORMA
22	242434004601			0.0	0.0		0.0		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			0.0	0.0		0.0		NORMA
25	242434080914			0.0	0.0		0.0		NORMA
26	242434075715			0.0	0.0		0.0		NORMA
27	242434029412			0.0	0.0		0.0		NORMA
28	242434007103			0.0	0.0		0.0		NORMA
29	232334010518			0.0	0.0		0.0		NORMA
30	232434101319			0.0	0.0		0.0		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Gestion d'entreprise / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434073920			0.0	0.0		0.0		NORMA
2	242434028805			0.0	0.0		0.0		NORMA
3	232334051819			0.0	0.0		0.0		NORMA
4	242434046914			0.0	0.0		0.0		NORMA
5	242434040614			0.0	0.0		0.0		NORMA
6	232334004701			0.0	0.0		0.0		NORMA
7	242434005507			0.0	0.0		0.0		NORMA
8	222234044502			0.0	0.0		0.0		NORMA
9	242434057515			0.0	0.0		0.0		NORMA
10	232334044509			0.0	0.0		0.0		NORMA
11	242434005805			0.0	0.0		0.0		NORMA
12	232334047904			0.0	0.0		0.0		NORMA
13	222234008408			0.0	0.0		0.0		NORMA
14	242434034815			0.0	0.0		0.0		NORMA
15	212134001354			0.0	0.0		0.0	0.0	NORMA
16	242434004907			0.0	0.0		0.0		NORMA
17	242434082915			0.0	0.0		0.0		NORMA
18	222234004413			0.0	0.0		0.0		NORMA
19	242434009915			0.0	0.0		0.0		NORMA
20	242434029216			0.0	0.0		0.0		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			0.0	0.0		0.0		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			0.0	0.0		0.0		NORMA
25	222234015304			0.0	0.0		0.0	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			0.0	0.0		0.0		NORMA
28	242434004616			0.0	0.0		0.0		NORMA
29	242434024015			0.0	0.0		0.0		NORMA
30	232334010319			0.0	0.0		0.0		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Langue étrangère 3 / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318				17.0		6.8		NORMA
2	232334015413				19.5		7.8		NORMA
3	212134007334				13.0		5.2		NORMA
4	232334020416				0.0		0.0		NORMA
5	222234047802				0.0		0.0	0.0	NORMA
6	232334059920				0.0		0.0	0.0	NORMA
7	242434017101				13.5		5.4		NORMA
8	222234021320				12.5		5.0	1.0	NORMA
9	232334056308				17.5		7.0		NORMA
10	181837019946				14.5		5.8		NORMA
11	222234025916				17.5		7.0		NORMA
12	202034003878				16.0		16.0	16.0	NORMA
13	191934000676				10.5		4.2	0.0	NORMA
14	242434042209				17.0		6.8		NORMA
15	242436286020				0.0		0.0		NORMA
16	232334010601				0.0		0.0		NORMA
17	232434099402				18.5		7.4		NORMA
18	222234004120				0.0		0.0		NORMA
19	232334026111				12.5		5.0		NORMA
20	212134002313				0.0		0.0	0.0	NORMA
21	232334090701				11.5		4.6		NORMA
22	242434005001				14.5		5.8		NORMA
23	242434028303				18.5		7.4		NORMA
24	242434073601				16.5		6.6		NORMA
25	232334234105				16.5		6.6		NORMA
26	242434093806				16.0		6.4		NORMA
27	222234044402				16.5		6.6		NORMA
28	242434068304				13.5		5.4		NORMA
29	232334044518				16.5		6.6		NORMA
30	191934002075				0.0		0.0		NORMA
31	242434006709				16.5		6.6		NORMA
32	242434028311				0.0		0.0		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Langue étrangère 3 / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808				10.0		4.0		NORMA
2	242434004911				10.0		4.0		NORMA
3	242434004920				17.0		6.8		NORMA
4	242434051414				13.5		5.4		NORMA
5	242434028816				14.0		5.6		NORMA
6	242434044918				10.0		4.0		NORMA
7	212134002367				10.0		10.0	10.0	NORMA
8	242434092208				18.5		7.4		NORMA
9	242434061213				0.0		0.0		NORMA
10	232334019501				15.0		6.0		NORMA
11	242434028818				16.5		6.6		NORMA
12	212134000761				0.0		0.0	0.0	NORMA
13	212134000650				10.5		4.2	0.0	NORMA
14	242434073506				16.5		6.6		NORMA
15	242434028402				17.0		6.8		NORMA
16	232334027405				10.0		4.0		NORMA
17	242434007501				14.5		5.8		NORMA
18	242434030015				10.5		4.2		NORMA
19	242434006218				0.0		0.0		NORMA
20	202034000813				0.0		0.0		NORMA
21	212134002651				7.5		7.5	7.5	NORMA
22	242434004601				13.0		5.2		NORMA
23	222234018919				0.0		0.0	0.0	NORMA
24	242434075805				10.0		4.0		NORMA
25	242434080914				16.0		6.4		NORMA
26	242434075715				11.0		4.4		NORMA
27	242434029412				0.0		0.0		NORMA
28	242434007103				12.0		4.8		NORMA
29	232334010518				12.5		5.0		NORMA
30	232434101319				11.5		4.6		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: Langue étrangère 3 / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434073920				14.0		5.6		NORMA
2	242434028805				12.5		5.0		NORMA
3	232334051819				18.5		7.4		NORMA
4	242434046914				11.5		4.6		NORMA
5	242434040614				11.0		4.4		NORMA
6	232334004701				0.0		0.0		NORMA
7	242434005507				10.5		4.2		NORMA
8	222234044502				18.0		7.2		NORMA
9	242434057515				18.0		7.2		NORMA
10	232334044509				14.0		5.6		NORMA
11	242434005805				17.5		7.0		NORMA
12	232334047904				14.5		5.8		NORMA
13	222234008408				14.5		5.8		NORMA
14	242434034815				13.0		5.2		NORMA
15	212134001354				11.5		4.6	0.0	NORMA
16	242434004907				11.5		4.6		NORMA
17	242434082915				11.5		4.6		NORMA
18	222234004413				10.5		4.2		NORMA
19	242434009915				12.0		4.8		NORMA
20	242434029216				14.5		5.8		NORMA
21	242434021414				0.0		0.0		NORMA
22	242434073509				7.0		2.8		NORMA
23	222234004115				0.0		0.0	0.0	NORMA
24	232334058920				11.0		4.4		NORMA
25	222234015304				8.0		3.2	0.0	NORMA
26	222234004116				0.0		0.0	0.0	NORMA
27	242434007013				0.0		0.0		NORMA
28	242434004616				17.5		7.0		NORMA
29	242434024015				18.5		7.4		NORMA
30	232334010319				10.5		4.2		NORMA
31	222234009907				0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: macro économie 2 / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			13.5	19.5		15.9		NORMA
2	232334015413			0.0	13.0		5.2		NORMA
3	212134007334			6.5	16.0		10.3		NORMA
4	232334020416			10.5	13.0		11.5		NORMA
5	222234047802			0.0	0.0		10.1	10.1	NORMA
6	232334059920			0.0	0.0		0.0	0.0	NORMA
7	242434017101			5.0	17.75		10.1		NORMA
8	222234021320			5.0	9.25		6.7	5.5	NORMA
9	232334056308			14.0	19.5		16.2		NORMA
10	181837019946			5.0	14.75		8.9		NORMA
11	222234025916			7.5	15.5		10.7		NORMA
12	202034003878			7.0	11.75		8.9	0.0	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			19.5	19.5		19.5		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			10.5	9.75		10.2		NORMA
17	232434099402			12.5	19.5		15.3		NORMA
18	222234004120			7.0	0.0		4.2		NORMA
19	232334026111			5.5	12.0		8.1		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	15.5		6.2		NORMA
22	242434005001			13.5	19.5		15.9		NORMA
23	242434028303			10.0	18.75		13.5		NORMA
24	242434073601			11.0	18.5		14.0		NORMA
25	232334234105			9.5	16.25		12.2		NORMA
26	242434093806			20.0	18.0		19.2		NORMA
27	222234044402			7.0	15.0		10.2		NORMA
28	242434068304			17.0	19.5		18.0		NORMA
29	232334044518			8.0	14.0		10.4		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			10.0	12.25		10.9		NORMA
32	242434028311			13.0	16.5		14.4		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: macro économie 2 / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			9.0	13.5		10.8		NORMA
2	242434004911			4.0	15.5		8.6		NORMA
3	242434004920			17.0	19.5		18.0		NORMA
4	242434051414			7.5	14.5		10.3		NORMA
5	242434028816			12.5	17.0		14.3		NORMA
6	242434044918			10.0	17.5		13.0		NORMA
7	212134002367			0.0	0.0		10.2	10.2	NORMA
8	242434092208			13.0	19.0		15.4		NORMA
9	242434061213			3.0	11.0		6.2		NORMA
10	232334019501			16.0	18.0		16.8		NORMA
11	242434028818			11.0	16.75		13.3		NORMA
12	212134000761			0.0	0.0		6.03	6.03	NORMA
13	212134000650			12.0	14.0		12.8	0.0	NORMA
14	242434073506			12.0	15.5		13.4		NORMA
15	242434028402			10.5	15.75		12.6		NORMA
16	232334027405			10.0	19.5		13.8		NORMA
17	242434007501			7.5	12.0		9.3		NORMA
18	242434030015			10.0	14.0		11.6		NORMA
19	242434006218			0.0	0.0		0.0		NORMA
20	202034000813			2.0	0.0		1.2		NORMA
21	212134002651			0.0	0.0		12.3	12.3	NORMA
22	242434004601			18.0	19.5		18.6		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			8.5	12.5		10.1		NORMA
25	242434080914			13.5	17.75		15.2		NORMA
26	242434075715			5.0	14.0		8.6		NORMA
27	242434029412			14.0	17.0		15.2		NORMA
28	242434007103			9.0	13.5		10.8		NORMA
29	232334010518			10.0	15.5		12.2		NORMA
30	232434101319			14.5	17.25		15.6		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: macro économie 2 / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Rattra	MG	MG-N-1	Session
1	242434073920			10.5	16.0		12.7		NORMA
2	242434028805			8.0	12.0		9.6		NORMA
3	232334051819			8.0	13.5		10.2		NORMA
4	242434046914			6.5	16.5		10.5		NORMA
5	242434040614			5.5	13.5		8.7		NORMA
6	232334004701			10.0	14.5		11.8		NORMA
7	242434005507			0.0	13.0		5.2		NORMA
8	222234044502			13.5	19.5		15.9		NORMA
9	242434057515			8.0	16.5		11.4		NORMA
10	232334044509			15.0	19.0		16.6		NORMA
11	242434005805			7.0	16.5		10.8		NORMA
12	232334047904			10.0	17.5		13.0		NORMA
13	222234008408			10.0	14.0		11.6		NORMA
14	242434034815			18.0	17.5		17.8		NORMA
15	212134001354			7.0	13.0		9.4	0.0	NORMA
16	242434004907			8.0	14.25		10.5		NORMA
17	242434082915			11.5	12.0		11.7		NORMA
18	222234004413			0.0	14.5		5.8		NORMA
19	242434009915			10.5	14.0		11.9		NORMA
20	242434029216			11.0	16.0		13.0		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			7.0	11.0		8.6		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			15.0	15.0		15.0		NORMA
25	222234015304			6.0	12.75		8.7	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			6.0	11.5		8.2		NORMA
28	242434004616			4.0	14.0		8.0		NORMA
29	242434024015			17.5	19.5		18.3		NORMA
30	232334010319			10.0	16.0		12.4		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: statistique 4 / Section 01 / Groupe 01

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434007318			19.5	19.5		19.5		NORMA
2	232334015413			0.0	7.5		3.0		NORMA
3	212134007334			1.0	12.5		5.6		NORMA
4	232334020416			8.0	8.5		8.2		NORMA
5	222234047802			0.0	0.0		2.2	2.2	NORMA
6	232334059920			0.0	12.5		5.0	0.0	NORMA
7	242434017101			3.5	10.0		6.1		NORMA
8	222234021320			1.5	9.0		4.5	2.4	NORMA
9	232334056308			20.0	18.75		19.5		NORMA
10	181837019946			14.0	12.0		13.2		NORMA
11	222234025916			5.5	11.75		8.0		NORMA
12	202034003878			0.0	0.0		10.25	10.25	NORMA
13	191934000676			0.0	0.0		0.0	0.0	NORMA
14	242434042209			19.0	18.75		18.9		NORMA
15	242436286020			0.0	0.0		0.0		NORMA
16	232334010601			7.5	0.0		4.5		NORMA
17	232434099402			18.5	19.0		18.7		NORMA
18	222234004120			1.0	0.0		0.6		NORMA
19	232334026111			6.5	11.0		8.3		NORMA
20	212134002313			0.0	0.0		0.0	0.0	NORMA
21	232334090701			0.0	9.0		3.6		NORMA
22	242434005001			17.0	17.25		17.1		NORMA
23	242434028303			15.5	15.0		15.3		NORMA
24	242434073601			12.0	12.0		12.0		NORMA
25	232334234105			10.0	10.0		10.0		NORMA
26	242434093806			20.0	18.5		19.4		NORMA
27	222234044402			8.0	9.0		8.4		NORMA
28	242434068304			20.0	17.5		19.0		NORMA
29	232334044518			6.5	12.0		8.7		NORMA
30	191934002075			0.0	0.0		0.0		NORMA
31	242434006709			4.5	11.0		7.1		NORMA
32	242434028311			20.0	16.5		18.6		NORMA

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: statistique 4 / Section 01 / Groupe 02

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434034808			9.0	14.0		11.0		NORMA
2	242434004911			4.0	13.5		7.8		NORMA
3	242434004920			16.0	19.0		17.2		NORMA
4	242434051414			5.5	12.0		8.1		NORMA
5	242434028816			17.5	17.25		17.4		NORMA
6	242434044918			14.5	16.75		15.4		NORMA
7	212134002367			0.0	0.0		9.9	9.9	NORMA
8	242434092208			15.0	19.0		16.6		NORMA
9	242434061213			1.5	6.5		3.5		NORMA
10	232334019501			19.0	18.5		18.8		NORMA
11	242434028818			18.0	16.0		17.2		NORMA
12	212134000761			0.0	0.0		0.0	0.0	NORMA
13	212134000650			7.0	7.0		7.0	0.0	NORMA
14	242434073506			19.0	18.0		18.6		NORMA
15	242434028402			15.5	17.75		16.4		NORMA
16	232334027405			17.5	15.0		16.5		NORMA
17	242434007501			8.0	14.5		10.6		NORMA
18	242434030015			19.0	17.0		18.2		NORMA
19	242434006218			10.5	10.5		10.5		NORMA
20	202034000813			1.0	0.0		0.6		NORMA
21	212134002651			0.0	0.0		4.6	4.6	NORMA
22	242434004601			19.5	18.0		18.9		NORMA
23	222234018919			0.0	0.0		0.0	0.0	NORMA
24	242434075805			4.0	8.0		5.6		NORMA
25	242434080914			18.5	18.5		18.5		NORMA
26	242434075715			1.0	9.0		4.2		NORMA
27	242434029412			20.0	14.75		17.9		NORMA
28	242434007103			8.0	14.25		10.5		NORMA
29	232334010518			14.0	16.5		15.0		NORMA
30	232434101319			19.0	12.25		16.3		NORMA

Signature de l'enseignant:

Le:

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Sciences Économiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: sciences économiques

Période: Semestre 4

Matière: statistique 4 / Section 01 / Groupe 03

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	Ratra	MG	MG-N-1	Session
1	242434073920			16.5	14.75		15.8		NORMA
2	242434028805			8.5	9.0		8.7		NORMA
3	232334051819			2.0	7.5		4.2		NORMA
4	242434046914			1.5	9.5		4.7		NORMA
5	242434040614			2.0	8.0		4.4		NORMA
6	232334004701			8.0	6.0		7.2		NORMA
7	242434005507			0.0	6.0		2.4		NORMA
8	222234044502			12.0	15.5		13.4		NORMA
9	242434057515			16.5	13.75		15.4		NORMA
10	232334044509			13.5	16.75		14.8		NORMA
11	242434005805			1.5	9.0		4.5		NORMA
12	232334047904			4.0	9.5		6.2		NORMA
13	222234008408			1.0	8.5		4.0		NORMA
14	242434034815			9.0	12.75		10.5		NORMA
15	212134001354			10.0	12.5		11.0	0.0	NORMA
16	242434004907			6.5	12.5		8.9		NORMA
17	242434082915			1.0	7.0		3.4		NORMA
18	222234004413			0.0	11.0		4.4		NORMA
19	242434009915			12.5	14.75		13.4		NORMA
20	242434029216			3.5	11.25		6.6		NORMA
21	242434021414			0.0	0.0		0.0		NORMA
22	242434073509			4.5	10.5		6.9		NORMA
23	222234004115			0.0	0.0		0.0	0.0	NORMA
24	232334058920			8.5	16.75		11.8		NORMA
25	222234015304			1.5	10.5		5.1	0.0	NORMA
26	222234004116			0.0	0.0		0.0	0.0	NORMA
27	242434007013			2.0	10.0		5.2		NORMA
28	242434004616			2.0	9.5		5.0		NORMA
29	242434024015			19.5	19.5		19.5		NORMA
30	232334010319			15.0	10.5		13.2		NORMA
31	222234009907			0.0	0.0		0.0	0.0	NORMA