



2024/2025

Sciences Economiques, de Gestion et Sciences Commerciales

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Économétrie financière / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			6.5	12.5	8.9	NORMALE
2	212134000863			1.25	10.0	4.75	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	1.0	0.4	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			0.0	10.0	4.0	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			0.0	6.0	2.4	NORMALE
9	212134001225			15.75	17.0	16.25	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			0.0	8.0	3.2	NORMALE
13	08084002715			3.75	13.5	7.65	NORMALE
14	212134003456			0.0	8.0	3.2	NORMALE
15	212134006791			8.75	17.5	12.25	NORMALE
16	202034002206			0.0	9.0	3.6	NORMALE
17	212134002532			14.5	16.5	15.3	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			10.0	15.5	12.2	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			0.5	13.0	5.5	NORMALE
22	212134000768			0.25	4.0	1.75	NORMALE
23	212134000727			7.75	16.25	11.15	NORMALE
24	191934007799			6.5	14.0	9.5	NORMALE
25	212134010216			2.75	14.0	7.25	NORMALE
26	212134003270			0.0	1.0	0.4	NORMALE
27	212134010040			14.25	17.0	15.35	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			0.0	1.0	0.4	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	1.0	0.4	NORMALE
32	03034005305			12.0	13.75	12.7	NORMALE
33	212134000729			2.25	10.0	5.35	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			0.0	9.0	3.6	NORMALE
36	212136054265			13.0	18.0	15.0	NORMALE
37	191934007760			5.0	14.25	8.7	NORMALE
38	202034002283			0.5	8.0	3.5	NORMALE
39	212134005235			0.5	8.0	3.5	NORMALE
40	212134006258			13.75	17.0	15.05	NORMALE
41	212134002479			4.0	6.0	4.8	NORMALE
42	11114005058			0.0	0.0	0.0	NORMALE
43	212134000811			0.75	10.5	4.65	NORMALE
44	202034006469			1.5	10.0	4.9	NORMALE
45	212134014238			17.75	18.0	17.85	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Évaluation des projets / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			5.5	17.0	10.1	NORMALE
2	212134008063			7.5	16.0	10.9	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	1.0	0.4	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			5.0	12.5	8.0	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			1.0	7.0	3.4	NORMALE
9	212134001225			11.5	15.0	12.9	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			4.0	10.5	6.6	NORMALE
13	08084002715			6.5	15.5	10.1	NORMALE
14	212134003456			2.5	11.0	5.9	NORMALE
15	212134006791			8.5	16.5	11.7	NORMALE
16	202034002206			1.0	11.0	5.0	NORMALE
17	212134002532			9.5	13.0	10.9	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			6.5	16.5	10.5	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			5.5	15.0	9.3	NORMALE
22	212134000768			5.0	12.0	7.8	NORMALE
23	212134000727			3.5	14.0	7.7	NORMALE
24	191934007799			8.0	14.5	10.6	NORMALE
25	212134010216			5.0	15.0	9.0	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			10.5	17.0	13.1	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			6.0	10.0	7.6	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			10.5	13.0	11.5	NORMALE
33	212134000729			2.5	12.0	6.3	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			2.0	10.0	5.2	NORMALE
36	212136054265			11.0	17.0	13.4	NORMALE
37	191934007760			2.0	13.0	6.4	NORMALE
38	202034002283			2.0	11.0	5.6	NORMALE
39	212134005235			1.5	11.0	5.3	NORMALE
40	212134006258			1.0	11.0	5.0	NORMALE
41	212134002479			0.0	0.0	0.0	NORMALE
42	11114005058			2.0	1.5	1.8	NORMALE
43	212134000811			2.5	12.0	6.3	NORMALE
44	202034006469			2.0	11.5	5.8	NORMALE
45	212134014238			14.0	18.0	15.6	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Langue étrangère spécialisée 2 / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			0.0	18.5	18.5	NORMALE
2	212134008063			0.0	8.0	8.0	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			0.0	13.75	13.75	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			0.0	10.42	10.42	NORMALE
9	212134001225			0.0	15.75	15.75	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			0.0	14.0	14.0	NORMALE
13	08084002715			0.0	17.25	17.25	NORMALE
14	212134003456			0.0	17.5	17.5	NORMALE
15	212134006791			0.0	17.75	17.75	NORMALE
16	202034002206			0.0	13.0	13.0	NORMALE
17	212134002532			0.0	14.25	14.25	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			0.0	17.25	17.25	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			0.0	14.75	14.75	NORMALE
22	212134000768			0.0	10.25	10.25	NORMALE
23	212134000727			0.0	17.75	17.75	NORMALE
24	191934007799			0.0	16.25	16.25	NORMALE
25	212134010216			0.0	14.25	14.25	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			0.0	17.5	17.5	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			0.0	13.05	13.05	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			0.0	18.0	18.0	NORMALE
33	212134000729			0.0	11.25	11.25	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			0.0	8.0	8.0	NORMALE
36	212136054265			0.0	17.75	17.75	NORMALE
37	191934007760			0.0	17.75	17.75	NORMALE
38	202034002283			0.0	8.0	8.0	NORMALE
39	212134005235			0.0	14.25	14.25	NORMALE
40	212134006258			0.0	17.5	17.5	NORMALE
41	212134002479			0.0	11.0	11.0	NORMALE
42	11114005058			0.0	11.0	11.0	NORMALE
43	212134000811			0.0	0.0	0.0	NORMALE
44	202034006469			0.0	8.75	8.75	NORMALE
45	212134014238			0.0	16.75	16.75	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Macroéconomie approfondie / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			6.0	15.25	9.7	NORMALE
2	212134000863			7.0	14.5	10.0	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			6.0	13.0	8.8	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			10.5	10.0	10.3	NORMALE
9	212134001225			0.0	16.0	6.4	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			10.0	14.5	11.8	NORMALE
13	08084002715			10.5	17.25	13.2	NORMALE
14	212134003456			6.0	13.0	8.8	NORMALE
15	212134006791			7.0	18.0	11.4	NORMALE
16	202034002206			10.5	14.75	12.2	NORMALE
17	212134002532			16.0	18.0	16.8	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			16.0	17.75	16.7	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			7.0	14.5	10.0	NORMALE
22	212134000768			10.0	12.0	10.8	NORMALE
23	212134000727			5.0	14.5	8.8	NORMALE
24	191934007799			11.0	17.25	13.5	NORMALE
25	212134010216			10.5	17.0	13.1	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			17.0	18.5	17.6	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			2.0	6.0	3.6	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			11.0	14.0	12.2	NORMALE
33	212134000729			5.5	14.5	9.1	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			5.0	13.75	8.5	NORMALE
36	212136054265			12.0	16.75	13.9	NORMALE
37	191934007760			11.5	16.75	13.6	NORMALE
38	202034002283			7.5	14.0	10.1	NORMALE
39	212134005235			6.5	15.25	10.0	NORMALE
40	212134006258			11.0	18.5	14.0	NORMALE
41	212134002479			4.0	10.5	6.6	NORMALE
42	11114005058			6.0	10.5	7.8	NORMALE
43	212134000811			5.0	14.0	8.6	NORMALE
44	202034006469			10.5	16.5	12.9	NORMALE
45	212134014238			14.5	18.5	16.1	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Management bancaire / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			18.0	15.0	16.8	NORMALE
2	212134008063			10.0	14.0	11.6	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			11.0	13.0	11.8	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			12.0	13.0	12.4	NORMALE
9	212134001225			18.0	18.0	18.0	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			13.0	12.0	12.6	NORMALE
13	08084002715			18.0	18.0	18.0	NORMALE
14	212134003456			13.0	16.0	14.2	NORMALE
15	212134006791			18.0	17.0	17.6	NORMALE
16	202034002206			13.0	16.0	14.2	NORMALE
17	212134002532			14.0	17.0	15.2	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			15.0	17.0	15.8	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			12.0	17.0	14.0	NORMALE
22	212134000768			10.0	5.0	8.0	NORMALE
23	212134000727			7.0	13.0	9.4	NORMALE
24	191934007799			17.0	16.0	16.6	NORMALE
25	212134010216			16.0	17.0	16.4	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			8.0	16.0	11.2	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			8.0	11.0	9.2	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			10.0	13.0	11.2	NORMALE
33	212134000729			10.0	16.0	12.4	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			16.0	14.0	15.2	NORMALE
36	212136054265			14.0	18.0	15.6	NORMALE
37	191934007760			17.0	16.0	16.6	NORMALE
38	202034002283			8.0	12.0	9.6	NORMALE
39	212134005235			11.0	13.0	11.8	NORMALE
40	212134006258			12.0	16.0	13.6	NORMALE
41	212134002479			8.0	11.0	9.2	NORMALE
42	11114005058			12.0	12.0	12.0	NORMALE
43	212134000811			13.0	17.0	14.6	NORMALE
44	202034006469			12.0	14.0	12.8	NORMALE
45	212134014238			18.0	18.0	18.0	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Management des portefeuilles financiers / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			10.0	0.0	6.0	NORMALE
2	212134008063			11.0	0.0	6.6	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			8.5	0.0	5.1	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			1.0	0.0	0.6	NORMALE
9	212134001225			20.0	0.0	12.0	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			9.5	0.0	5.7	NORMALE
13	08084002715			10.0	0.0	6.0	NORMALE
14	212134003456			14.5	0.0	8.7	NORMALE
15	212134006791			14.5	0.0	8.7	NORMALE
16	202034002206			17.0	0.0	10.2	NORMALE
17	212134002532			19.0	0.0	11.4	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			17.5	0.0	10.5	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			17.5	0.0	10.5	NORMALE
22	212134000768			4.0	0.0	2.4	NORMALE
23	212134000727			10.0	0.0	6.0	NORMALE
24	191934007799			18.25	0.0	10.95	NORMALE
25	212134010216			6.0	0.0	3.6	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			17.5	0.0	10.5	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			0.0	0.0	0.0	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			11.5	0.0	6.9	NORMALE
33	212134000729			15.5	0.0	9.3	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			6.0	0.0	3.6	NORMALE
36	212136054265			17.0	0.0	10.2	NORMALE
37	191934007760			16.5	0.0	9.9	NORMALE
38	202034002283			1.0	0.0	0.6	NORMALE
39	212134005235			16.5	0.0	9.9	NORMALE
40	212134006258			18.0	0.0	10.8	NORMALE
41	212134002479			7.25	0.0	4.35	NORMALE
42	11114005058			2.0	0.0	1.2	NORMALE
43	212134000811			7.0	0.0	4.2	NORMALE
44	202034006469			7.5	0.0	4.5	NORMALE
45	212134014238			19.5	0.0	11.7	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Marketing des services financiers et banquiers / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			0.0	0.0	0.0	NORMALE
2	212134000863			0.0	0.0	0.0	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			0.0	0.0	0.0	NORMALE
6	212134003358			0.0	0.0	0.0	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			0.0	0.0	0.0	NORMALE
9	212134001225			0.0	0.0	0.0	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			0.0	0.0	0.0	NORMALE
13	08084002715			0.0	0.0	0.0	NORMALE
14	212134003456			0.0	0.0	0.0	NORMALE
15	212134006791			0.0	0.0	0.0	NORMALE
16	202034002206			0.0	0.0	0.0	NORMALE
17	212134002532			0.0	0.0	0.0	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			0.0	0.0	0.0	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			0.0	0.0	0.0	NORMALE
22	212134000768			0.0	0.0	0.0	NORMALE
23	212134000727			0.0	0.0	0.0	NORMALE
24	191934007799			0.0	0.0	0.0	NORMALE
25	212134010216			0.0	0.0	0.0	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			0.0	0.0	0.0	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			0.0	0.0	0.0	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			0.0	0.0	0.0	NORMALE
33	212134000729			0.0	0.0	0.0	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			0.0	0.0	0.0	NORMALE
36	212136054265			0.0	0.0	0.0	NORMALE
37	191934007760			0.0	0.0	0.0	NORMALE
38	202034002283			0.0	0.0	0.0	NORMALE
39	212134005235			0.0	0.0	0.0	NORMALE
40	212134006258			0.0	0.0	0.0	NORMALE
41	212134002479			0.0	0.0	0.0	NORMALE
42	11114005058			0.0	0.0	0.0	NORMALE
43	212134000811			0.0	0.0	0.0	NORMALE
44	202034006469			0.0	0.0	0.0	NORMALE
45	212134014238			0.0	0.0	0.0	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

Le:

Page 7 sur 8

Filière: Sciences économiques

Spécialité: économie monétaire et financière

Période: Semestre 2

Matière: Méthodologie de préparation d'un mémoire de master / section 01 / Groupe 1

PV de délibération par matière (Session normale)

#	Matricule	Nom	Prénom	Examen	CC	MG	Session
1	212134000789			15.0	17.0	15.8	NORMALE
2	212134008063			10.0	13.0	11.2	NORMALE
3	171734009528			0.0	0.0	0.0	NORMALE
4	212134002315			0.0	0.0	0.0	NORMALE
5	181834001037			10.8	10.8	10.8	NORMALE
6	212134003358			10.0	13.0	11.2	NORMALE
7	202034006929			0.0	0.0	0.0	NORMALE
8	202034000826			10.0	10.0	10.0	NORMALE
9	212134001225			19.0	17.5	18.4	NORMALE
10	191934002152			0.0	0.0	0.0	NORMALE
11	181834000565			0.0	0.0	0.0	NORMALE
12	212134004216			10.0	12.0	10.8	NORMALE
13	08084002715			17.5	17.0	17.3	NORMALE
14	212134003456			11.0	16.5	13.2	NORMALE
15	212134006791			12.0	16.5	13.8	NORMALE
16	202034002206			11.0	15.5	12.8	NORMALE
17	212134002532			19.0	18.0	18.6	NORMALE
18	181834005781			0.0	0.0	0.0	NORMALE
19	212134001096			15.0	17.0	15.8	NORMALE
20	191934000983			0.0	0.0	0.0	NORMALE
21	212134004221			15.0	17.0	15.8	NORMALE
22	212134000768			7.0	13.0	9.4	NORMALE
23	212134000727			12.5	14.5	13.3	NORMALE
24	191934007799			13.5	16.0	14.5	NORMALE
25	212134010216			10.0	16.0	12.4	NORMALE
26	212134003270			0.0	0.0	0.0	NORMALE
27	212134010040			17.0	18.0	17.4	NORMALE
28	212134001192			0.0	0.0	0.0	NORMALE
29	202034007476			11.8	11.8	11.8	NORMALE
30	181835014124			0.0	0.0	0.0	NORMALE
31	191934003779			0.0	0.0	0.0	NORMALE
32	03034005305			16.5	16.0	16.3	NORMALE
33	212134000729			11.0	15.5	12.8	NORMALE
34	212134002408			0.0	0.0	0.0	NORMALE
35	212134002369			13.0	11.5	12.4	NORMALE
36	212136054265			13.5	17.0	14.9	NORMALE
37	191934007760			13.5	16.0	14.5	NORMALE
38	202034002283			6.0	8.0	6.8	NORMALE
39	212134005235			6.0	13.0	8.8	NORMALE
40	212134006258			12.0	18.0	14.4	NORMALE
41	212134002479			9.0	6.0	7.8	NORMALE
42	11114005058			7.0	0.0	4.2	NORMALE
43	212134000811			8.0	11.0	9.2	NORMALE
44	202034006469			15.0	12.0	13.8	NORMALE
45	212134014238			16.5	17.0	16.7	NORMALE
46	212134000753			0.0	0.0	0.0	NORMALE

Signature de l'enseignant:

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Page 8 sur 8