

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

N° 09 أوت 2013

Matière: biochimie analytique / A / 1

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	181839067440			9.5	10.69	9.98	
2	181839067848			4.5	11.38	7.25	
3	171739064576			8.5	8.56	8.52	
4	181839064795			16.0	12.44	14.58	
5	191939065048			4.0	8.56	5.82	
6	181834023115			11.5	11.44	11.48	
7	181839067823			0.0	0.0	0.0	
8	191939063708			4.0	8.56	5.82	
9	171739070503			3.0	0.0	1.8	
10	181839068249			2.0	8.63	4.65	
11	181839062936			0.0	0.0	0.0	
12	171739074658			6.0	8.56	7.02	
13	181839050552			3.0	8.56	5.22	
14	181439066179			0.0	0.0	0.0	
15	181839069758			2.0	7.94	4.38	
16	181839067840			2.0	9.69	5.08	
17	181839068307			2.0	11.56	5.82	
18	181839064801			3.5	6.69	4.78	
19	181839067442			3.5	11.75	6.8	
20	191939073469			6.0	9.19	7.28	
21	191939073673			2.0	11.0	5.6	
22	181839067510			0.0	0.0	0.0	
23	171739067253			0.0	0.0	0.0	
24	181839068230			3.0	8.94	5.38	
25	171739081829			1.0	0.0	0.6	
26	181839067477			3.5	8.94	5.68	
27	181839068862			4.0	9.88	6.35	
28	181839051199			2.0	0.0	1.2	
29	191939068622			15.0	13.38	14.35	
30	191939064981			12.0	14.06	12.82	
31	161639075249			0.0	0.0	0.0	
32	181839066192			8.5	8.88	8.65	
33	161639076278			0.0	0.0	0.0	
34	181839068827			3.5	7.63	5.15	
35	181839062859			0.0	2.69	1.08	
36	171739080656			0.0	7.69	3.08	

37	171739066158			0.0	0.0	0.0	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 1 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

N° المؤرخ في 09 أوت 13

Matière: biochimie analytique / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			4.0	2.5	3.4	
2	191939064285			9.0	11.5	10.0	
3	191939063746			6.5	9.94	7.88	
4	191939051724			5.0	10.25	7.1	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			3.0	10.0	5.8	
8	191939064481			5.5	10.56	7.52	
9	191939065150			0.0	0.0	0.0	
10	181839070563			5.5	10.5	7.5	
11	181839069684			5.0	7.69	6.08	
12	181839069393			2.0	8.06	4.42	
13	181839069708			5.5	7.44	6.28	
14	191939063758			11.0	12.44	11.58	
15	191939063697			4.5	7.94	5.88	

16	191939065013			6.0	11.63	8.25	
17	191939063561			0.0	10.69	4.28	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			4.0	9.44	6.18	
21	191939051373			9.5	11.0	10.1	
22	191939065022			4.0	9.63	6.25	
23	191939065167			4.0	8.56	5.82	
24	191939065161			6.5	8.56	7.32	
25	191939065147			3.0	10.06	5.82	
26	191939065808			9.5	11.81	10.42	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			12.0	9.31	10.92	
30	191939065052			17.0	13.06	15.42	
31	181839070742			3.0	9.88	5.75	
32	191939073092			0.0	0.0	0.0	
33	191939065028			0.0	13.06	5.22	
34	191939065158			0.0	11.81	4.72	
35	181839069693			6.0	6.06	6.02	
36	181839069735			5.0	9.69	6.88	

Signature de l'enseignant:

Le:

Page 2 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biochimie analytique / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			8.0	8.31	8.12	
2	191939068681			3.0	10.81	6.12	
3	191939068778			3.0	10.06	5.82	
4	191939068786			6.5	10.63	8.15	
5	191939066773			7.5	7.5	7.5	
6	191939068769			1.0	10.06	4.62	
7	191939066932			14.5	15.56	14.92	
8	191939065458			7.5	11.0	8.9	
9	191939065389			12.0	13.5	12.6	
10	191939071275			11.0	13.63	12.05	
11	191939069334			3.0	8.81	5.32	
12	191939065462			0.0	12.0	4.8	
13	181839072948			0.0	0.0	0.0	
14	191939066233			7.0	10.0	8.2	
15	191939067916			3.0	11.38	6.35	
16	191939066249			6.5	10.19	7.98	
17	22119043423			0.0	0.0	0.0	
18	191939069242			1.0	7.81	3.72	
19	191939069741			1.0	11.56	5.22	
20	191939065884			5.5	10.81	7.62	
21	191939069253			2.0	8.13	4.45	
22	191939066824			3.0	9.13	5.45	
23	191939068280			2.5	10.38	5.65	
24	191939065405			7.0	10.0	8.2	
25	191939064619			3.0	10.06	5.82	
26	191939068640			13.0	10.31	11.92	
27	22109043191			5.0	9.81	6.92	
28	191939065403			2.0	9.88	5.15	
29	191939069752			7.0	8.81	7.72	
30	191939066988			7.0	12.38	9.15	
31	191939066928			17.5	8.88	14.05	
32	191939065787			0.0	10.31	4.12	
33	191939065787			10.0	0.0	6.0	
34	191939066993			6.5	7.88	7.05	
35	191939066843			3.5	7.63	5.15	
36	181939078937			8.5	7.88	8.25	

37	191939065455			0.0	10.75	4.3	
38	221539083919			4.5	11.81	7.42	
39	22109042628			3.0	11.81	6.52	

Signature de l'enseignant:

Le:

Page 3 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: biochimie analytique / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			4.0	8.5	5.8	
2	191939072842			3.0	7.69	4.88	
3	191939072411			0.0	0.0	0.0	
4	191939072076			2.0	9.5	5.0	
5	191939072824			2.0	9.06	4.82	
6	191939070890			8.0	12.5	9.8	
7	191939070437			3.5	11.0	6.5	
8	191939070879			2.0	10.81	5.52	
9	191939071235			4.0	10.19	6.48	
10	191939073642			8.0	11.31	9.32	
11	191939070461			6.5	9.19	7.58	

12	191939071272			7.5	16.31	11.02	
13	191939072141			5.0	8.5	6.4	
14	191939071657			4.0	15.06	8.42	
15	191939070110			3.0	10.44	5.98	
16	191939073650			0.0	6.06	2.42	
17	191939071700			3.5	11.44	6.68	
18	191939071217			2.0	7.75	4.3	
19	181839063887			3.0	6.25	4.3	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			5.5	14.44	9.08	
23	191939071236			12.5	14.31	13.22	
24	191939071692			4.5	12.19	7.58	
25	191939072486			7.5	9.31	8.22	
26	191939070891			10.0	12.0	10.8	
27	22089050097			7.5	8.63	7.95	
28	181839062866			0.0	0.0	0.0	
29	191939069762			2.0	9.38	4.95	
30	181839063025			0.0	6.38	2.55	
31	191939072394			10.0	12.5	11.0	
32	2298822049			0.0	0.0	0.0	
33	191939071244			5.5	10.69	7.58	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biochimie vegetale / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	181839067440			11.5	15.0	12.9	
2	181839067848			9.0	14.5	11.2	
3	171739064576			13.0	14.5	13.6	
4	181839064795			13.0	14.5	13.6	
5	191939065048			12.5	15.0	13.5	
6	181834023115			14.5	15.0	14.7	
7	181839067823			0.0	0.0	0.0	
8	191939063708			14.5	15.0	14.7	
9	171739070503			12.1	12.1	12.1	
10	181839068249			7.0	14.5	10.0	
11	181839062936			0.0	0.0	0.0	
12	171739074658			0.0	0.0	0.0	
13	181839050552			13.0	15.0	13.8	
14	181439066179			0.0	0.0	0.0	
15	181839069758			8.0	14.5	10.6	
16	181839067840			5.5	14.5	9.1	
17	181839068307			13.6	13.6	13.6	
18	181839064801			15.5	15.0	15.3	
19	181839067442			14.0	14.5	14.2	
20	191939073469			10.0	15.0	12.0	
21	191939073673			2.0	14.5	7.0	
22	181839067510			0.0	0.0	0.0	
23	171739067253			0.0	0.0	0.0	
24	181839068230			10.5	14.5	12.1	
25	171739081829			0.0	0.0	0.0	
26	181839067477			10.0	15.0	12.0	
27	181839068862			4.0	14.0	8.0	
28	181839051199			3.0	0.0	1.8	
29	191939068622			14.5	15.0	14.7	
30	191939064981			11.0	15.0	12.6	
31	161639075249			0.0	0.0	0.0	
32	181839066192			13.0	15.0	13.8	
33	161639076278			0.0	0.0	0.0	
34	181839068827			4.0	14.0	8.0	
35	181839062859			0.0	15.0	6.0	
36	171739080656			0.0	15.0	6.0	

37	171739066158			0.0	0.0	0.0	
38	21079075272			10.0	10.0	10.0	

Signature de l'enseignant:

Le:

Page 5 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت N°

Matière: biochimie vegetale / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			8.5	14.5	10.9	
2	191939064285			13.0	14.5	13.6	
3	191939063746			13.0	14.5	13.6	
4	191939051724			12.5	14.5	13.3	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			0.5	15.0	6.3	
8	191939064481			10.0	14.5	11.8	
9	191939065150			0.0	0.0	0.0	
10	181839070563			8.0	14.5	10.6	
11	181839069684			11.0	14.0	12.2	

12	181839069393			12.0	15.0	13.2	
13	181839069708			16.5	14.0	15.5	
14	191939063758			8.0	15.5	11.0	
15	191939063697			10.0	15.5	12.2	
16	191939065013			15.5	14.5	15.1	
17	191939063561			15.0	15.5	15.2	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			13.5	14.5	13.9	
21	191939051373			14.0	14.5	14.2	
22	191939065022			12.5	15.0	13.5	
23	191939065167			11.0	15.0	12.6	
24	191939065161			6.0	14.5	9.4	
25	191939065147			11.0	15.0	12.6	
26	191939065808			8.0	14.5	10.6	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			12.5	15.0	13.5	
30	191939065052			16.5	15.5	16.1	
31	181839070742			12.0	14.5	13.0	
32	191939073092			0.0	0.0	0.0	
33	191939065028			12.5	15.0	13.5	
34	191939065158			14.0	15.0	14.4	
35	181839069693			12.0	15.0	13.2	
36	181839069735			13.0	14.0	13.4	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biochimie vegetale / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			12.5	14.5	13.3	
2	191939068681			11.5	14.5	12.7	
3	191939068778			16.0	14.5	15.4	
4	191939068786			4.0	14.5	8.2	
5	191939066773			12.5	14.5	13.3	
6	191939068769			6.0	14.5	9.4	
7	191939066932			15.5	15.5	15.5	
8	191939065458			11.5	14.5	12.7	
9	191939065389			11.5	14.5	12.7	
10	191939071275			5.5	14.0	8.9	
11	191939069334			11.0	14.5	12.4	
12	191939065462			11.0	14.5	12.4	
13	181839072948			0.0	0.0	0.0	
14	191939066233			8.0	14.0	10.4	
15	191939067916			8.5	14.5	10.9	
16	191939066249			13.5	14.5	13.9	
17	22119043423			0.0	0.0	0.0	
18	191939069242			13.0	14.5	13.6	
19	191939069741			10.0	14.5	11.8	
20	191939065884			13.5	14.5	13.9	
21	191939069253			8.0	14.0	10.4	
22	191939066824			10.0	15.0	12.0	
23	191939068280			11.0	14.5	12.4	
24	191939065405			13.5	14.5	13.9	
25	191939064619			17.0	14.5	16.0	
26	191939068640			14.5	14.5	14.5	
27	22109043191			8.5	14.5	10.9	
28	191939065403			13.0	14.5	13.6	
29	191939069752			13.0	14.5	13.6	
30	191939066988			12.5	14.5	13.3	
31	191939066928			15.0	15.0	15.0	
32	191939065787			0.0	0.0	0.0	
33	191939065787			15.5	14.5	15.1	
34	191939066993			7.0	14.5	10.0	
35	191939066843			7.5	14.5	10.3	
36	181939078937			13.0	14.5	13.6	

37	191939065455			14.0	14.5	14.2	
38	221539083919			8.0	14.0	10.4	
39	22109042628			12.5	14.5	13.3	

Signature de l'enseignant:

Le:

Page 7 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: biochimie vegetale / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			9.0	14.0	11.0	
2	191939072842			6.0	14.5	9.4	
3	191939072411			0.0	0.0	0.0	
4	191939072076			9.0	14.5	11.2	
5	191939072824			13.0	14.5	13.6	
6	191939070890			11.5	14.0	12.5	
7	191939070437			14.0	14.0	14.0	
8	191939070879			14.0	14.5	14.2	
9	191939071235			13.5	14.0	13.7	
10	191939073642			11.5	14.5	12.7	
11	191939070461			15.0	14.0	14.6	

12	191939071272			13.0	15.5	14.0	
13	191939072141			13.5	14.5	13.9	
14	191939071657			18.0	14.5	16.6	
15	191939070110			10.0	14.0	11.6	
16	191939073650			0.0	14.5	5.8	
17	191939071700			11.5	14.5	12.7	
18	191939071217			12.0	14.0	12.8	
19	181839063887			0.0	14.5	5.8	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			15.5	15.0	15.3	
23	191939071236			15.0	15.5	15.2	
24	191939071692			5.0	14.5	8.8	
25	191939072486			7.5	14.5	10.3	
26	191939070891			14.0	14.0	14.0	
27	22089050097			14.0	14.5	14.2	
28	181839062866			0.0	0.0	0.0	
29	191939069762			8.0	14.0	10.4	
30	181839063025			2.0	14.5	7.0	
31	191939072394			7.0	14.5	10.0	
32	2298822049			0.0	0.0	0.0	
33	191939071244			7.5	15.0	10.5	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: bioinformatique 1 / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	181839067440			3.0	14.13	7.45	
2	181839067848			2.5	9.96	5.48	
3	171739064576			3.0	14.88	7.75	
4	181839064795			6.0	16.25	10.1	
5	191939065048			6.0	10.79	7.92	
6	181834023115			10.25	15.5	12.35	
7	181839067823			0.0	0.0	0.0	
8	191939063708			6.0	16.83	10.33	
9	171739070503			1.5	0.0	0.9	
10	181839068249			0.0	12.29	4.92	
11	181839062936			0.0	0.0	0.0	
12	171739074658			2.5	0.0	1.5	
13	181839050552			4.25	12.42	7.52	
14	181439066179			0.0	0.0	0.0	
15	181839069758			4.0	10.71	6.68	
16	181839067840			4.0	15.92	8.77	
17	181839068307			3.0	12.29	6.72	
18	181839064801			5.5	15.71	9.58	
19	181839067442			2.0	14.46	6.98	
20	191939073469			6.5	11.38	8.45	
21	191939073673			9.25	16.08	11.98	
22	181839067510			0.0	0.0	0.0	
23	171739067253			0.0	0.0	0.0	
24	181839068230			10.0	12.42	10.97	
25	171739081829			1.5	0.0	0.9	
26	181839067477			1.5	13.88	6.45	
27	181839068862			4.25	13.67	8.02	
28	181839051199			4.0	0.0	2.4	
29	191939068622			18.5	17.92	18.27	
30	191939064981			10.0	16.83	12.73	
31	161639075249			0.0	0.0	0.0	
32	181839066192			11.0	13.42	11.97	
33	161639076278			0.0	0.0	0.0	
34	181839068827			1.5	14.67	6.77	
35	181839062859			0.0	0.0	0.0	
36	171739080656			3.0	9.83	5.73	

37	171739066158			0.0	0.0	0.0	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 9 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

N° المؤرخ في 09 أوت 13

Matière: bioinformatique 1 / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			2.5	11.42	6.07	
2	191939064285			10.5	13.63	11.75	
3	191939063746			6.0	7.71	6.68	
4	191939051724			1.75	9.46	4.83	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			0.0	10.96	4.38	
8	191939064481			5.0	12.71	8.08	
9	191939065150			0.0	0.0	0.0	
10	181839070563			8.0	15.63	11.05	
11	181839069684			4.0	13.63	7.85	

12	181839069393			3.25	10.42	6.12	
13	181839069708			4.5	12.71	7.78	
14	191939063758			5.5	15.42	9.47	
15	191939063697			0.0	15.04	6.02	
16	191939065013			9.25	12.88	10.7	
17	191939063561			2.25	13.29	6.67	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			11.0	14.04	12.22	
21	191939051373			11.5	14.96	12.88	
22	191939065022			3.0	10.92	6.17	
23	191939065167			1.0	10.92	4.97	
24	191939065161			6.0	13.17	8.87	
25	191939065147			8.5	11.42	9.67	
26	191939065808			11.25	11.04	11.17	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			6.0	17.33	10.53	
30	191939065052			16.25	12.83	14.88	
31	181839070742			2.5	8.25	4.8	
32	191939073092			0.0	0.0	0.0	
33	191939065028			6.0	17.33	10.53	
34	191939065158			4.5	11.96	7.48	
35	181839069693			5.0	10.92	7.37	
36	181839069735			2.5	14.63	7.35	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: bioinformatique 1 / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			5.75	10.96	7.83	
2	191939068681			1.5	13.83	6.43	
3	191939068778			4.5	14.88	8.65	
4	191939068786			0.5	9.33	4.03	
5	191939066773			4.5	12.38	7.65	
6	191939068769			6.25	13.21	9.03	
7	191939066932			13.0	17.5	14.8	
8	191939065458			11.0	16.63	13.25	
9	191939065389			10.25	17.0	12.95	
10	191939071275			6.5	12.33	8.83	
11	191939069334			0.5	10.75	4.6	
12	191939065462			5.0	12.5	8.0	
13	181839072948			0.0	0.0	0.0	
14	191939066233			10.0	13.08	11.23	
15	191939067916			7.25	13.58	9.78	
16	191939066249			5.0	15.67	9.27	
17	22119043423			0.0	0.0	0.0	
18	191939069242			5.0	9.0	6.6	
19	191939069741			3.0	10.21	5.88	
20	191939065884			2.0	9.79	5.12	
21	191939069253			5.0	14.71	8.88	
22	191939066824			11.75	15.33	13.18	
23	191939068280			4.75	10.71	7.13	
24	191939065405			4.0	10.17	6.47	
25	191939064619			4.75	12.5	7.85	
26	191939068640			8.0	14.88	10.75	
27	22109043191			5.0	15.92	9.37	
28	191939065403			1.75	9.29	4.77	
29	191939069752			11.25	11.83	11.48	
30	191939066988			12.5	11.21	11.98	
31	191939066928			1.5	9.63	4.75	
32	191939065787			0.0	0.0	0.0	
33	191939065787			5.0	11.42	7.57	
34	191939066993			4.0	10.38	6.55	
35	191939066843			8.0	12.75	9.9	
36	181939078937			1.5	11.71	5.58	

37	191939065455			5.5	12.54	8.32	
38	221539083919			6.0	14.42	9.37	
39	22109042628			6.75	11.92	8.82	

Signature de l'enseignant:

Le:

Page 11 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت N°

Matière: bioinformatique 1 / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			5.25	13.08	8.38	
2	191939072842			2.25	10.17	5.42	
3	191939072411			0.0	0.0	0.0	
4	191939072076			4.5	15.42	8.87	
5	191939072824			9.5	17.92	12.87	
6	191939070890			11.25	16.79	13.47	
7	191939070437			10.5	14.75	12.2	
8	191939070879			4.75	16.83	9.58	
9	191939071235			13.5	14.29	13.82	
10	191939073642			2.5	12.17	6.37	
11	191939070461			3.75	9.0	5.85	

12	191939071272			10.75	14.63	12.3	
13	191939072141			9.5	13.67	11.17	
14	191939071657			12.5	15.38	13.65	
15	191939070110			2.0	11.46	5.78	
16	191939073650			0.0	10.17	4.07	
17	191939071700			2.0	13.33	6.53	
18	191939071217			3.5	14.29	7.82	
19	181839063887			0.0	8.66	3.46	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			10.75	16.96	13.23	
23	191939071236			10.0	14.63	11.85	
24	191939071692			3.5	12.29	7.02	
25	191939072486			2.5	8.83	5.03	
26	191939070891			12.5	17.54	14.52	
27	22089050097			1.5	15.21	6.98	
28	181839062866			0.0	0.0	0.0	
29	191939069762			4.75	6.5	5.45	
30	181839063025			1.5	8.67	4.37	
31	191939072394			4.25	7.7	5.63	
32	2298822049			0.0	0.0	0.0	
33	191939071244			4.75	15.71	9.13	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biologie cellulaire / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule		Examen	CC	MG	
1	181839067440		13.5	9.0	11.7	
2	181839067848		13.0	10.0	11.8	
3	171739064576		1.0	8.7	4.08	
4	181839064795		19.5	15.4	17.86	
5	191939065048		9.0	9.9	9.36	
6	181834023115		15.0	17.0	15.8	
7	181839067823		0.0	0.0	0.0	
8	191939063708		18.5	11.1	15.54	
9	171739070503		0.0	0.0	0.0	
10	181839068249		5.5	10.4	7.46	
11	181839062936		0.0	0.0	0.0	
12	171739074658		0.0	0.0	0.0	
13	181839050552		15.0	9.9	12.96	
14	181439066179		0.0	0.0	0.0	
15	181839069758		2.5	12.2	6.38	
16	181839067840		7.5	10.6	8.74	
17	181839068307		0.0	0.0	0.0	
18	181839064801		11.0	11.1	11.04	
19	181839067442		9.0	11.0	9.8	
20	191939073469		12.5	12.2	12.38	
21	191939073673		8.0	12.0	9.6	
22	181839067510		0.0	0.0	0.0	
23	171739067253		0.0	0.0	0.0	
24	181839068230		16.0	11.6	14.24	
25	171739081829		0.0	0.0	0.0	
26	181839067477		15.5	9.4	13.06	
27	181839068862		1.5	10.4	5.06	
28	181839051199		0.0	0.0	0.0	
29	191939068622		20.0	12.3	16.92	
30	191939064981		20.0	14.9	17.96	
31	161639075249		0.0	0.0	0.0	
32	181839066192		4.0	12.5	7.4	
33	161639076278		0.0	0.0	0.0	
34	181839068827		10.0	12.0	10.8	
35	181839062859		0.0	6.0	2.4	
36	171739080656		0.5	9.7	4.18	

37	171739066158			0.0	0.0	0.0	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 13 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

N° 09 أوت 13 المؤرخ في

Matière: biologie cellulaire / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			6.0	10.2	7.68	
2	191939064285			20.0	12.4	16.96	
3	191939063746			10.5	11.4	10.86	
4	191939051724			7.0	11.0	8.6	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			4.5	10.5	6.9	
8	191939064481			11.0	11.4	11.16	
9	191939065150			0.0	0.0	0.0	
10	181839070563			9.0	9.2	9.08	
11	181839069684			4.0	10.7	6.68	

12	181839069393			1.0	10.2	4.68	
13	181839069708			13.5	11.5	12.7	
14	191939063758			10.5	10.6	10.54	
15	191939063697			18.5	12.4	16.06	
16	191939065013			18.0	12.0	15.6	
17	191939063561			16.0	14.6	15.44	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			13.5	10.8	12.42	
21	191939051373			12.5	11.8	12.22	
22	191939065022			10.5	10.2	10.38	
23	191939065167			4.0	11.2	6.88	
24	191939065161			1.5	1.5	1.5	
25	191939065147			1.0	10.0	4.6	
26	191939065808			12.5	11.8	12.22	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			17.5	12.0	15.3	
30	191939065052			20.0	14.2	17.68	
31	181839070742			2.5	10.4	5.66	
32	191939073092			0.0	0.0	0.0	
33	191939065028			0.0	11.6	4.64	
34	191939065158			0.0	11.0	4.4	
35	181839069693			8.0	10.0	8.8	
36	181839069735			10.0	10.1	10.04	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biologie cellulaire / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			15.0	11.7	13.68	
2	191939068681			18.0	10.9	15.16	
3	191939068778			10.5	9.5	10.1	
4	191939068786			7.5	13.4	9.86	
5	191939066773			19.0	14.7	17.28	
6	191939068769			17.0	9.3	13.92	
7	191939066932			20.0	15.2	18.08	
8	191939065458			16.5	10.6	14.14	
9	191939065389			16.5	13.2	15.18	
10	191939071275			5.0	9.9	6.96	
11	191939069334			10.5	9.9	10.26	
12	191939065462			6.5	12.0	8.7	
13	181839072948			0.0	0.0	0.0	
14	191939066233			16.5	10.3	14.02	
15	191939067916			16.5	12.8	15.02	
16	191939066249			17.0	11.3	14.72	
17	22119043423			0.0	0.0	0.0	
18	191939069242			12.5	11.5	12.1	
19	191939069741			3.5	9.7	5.98	
20	191939065884			14.5	12.6	13.74	
21	191939069253			18.0	10.76	15.1	
22	191939066824			9.0	9.7	9.28	
23	191939068280			8.5	12.6	10.14	
24	191939065405			13.5	11.4	12.66	
25	191939064619			19.0	11.6	16.04	
26	191939068640			19.0	13.5	16.8	
27	22109043191			13.5	11.0	12.5	
28	191939065403			10.0	10.2	10.08	
29	191939069752			20.0	13.1	17.24	
30	191939066988			9.5	12.3	10.62	
31	191939066928			17.5	10.3	14.62	
32	191939065787			0.0	15.2	6.08	
33	191939065787			20.0	0.0	12.0	
34	191939066993			4.0	10.7	6.68	
35	191939066843			15.0	10.7	13.28	
36	181939078937			11.5	12.5	11.9	

37	191939065455			15.5	11.4	13.86	
38	221539083919			4.0	10.0	6.4	
39	22109042628			6.5	10.6	8.14	

Signature de l'enseignant:

Le:

Page 15 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: biologie cellulaire / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			18.5	9.8	15.02	
2	191939072842			7.5	11.0	8.9	
3	191939072411			0.0	0.0	0.0	
4	191939072076			8.5	14.0	10.7	
5	191939072824			13.5	11.0	12.5	
6	191939070890			15.5	12.0	14.1	
7	191939070437			19.5	11.6	16.34	
8	191939070879			20.0	13.8	17.52	
9	191939071235			15.5	11.8	14.02	
10	191939073642			11.5	13.2	12.18	
11	191939070461			13.5	11.8	12.82	

12	191939071272			20.0	14.0	17.6	
13	191939072141			19.0	11.8	16.12	
14	191939071657			20.0	16.6	18.64	
15	191939070110			10.0	10.8	10.32	
16	191939073650			0.0	2.6	1.04	
17	191939071700			14.0	13.6	13.84	
18	191939071217			9.0	11.6	10.04	
19	181839063887			0.0	8.8	3.52	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			20.0	15.6	18.24	
23	191939071236			19.5	14.0	17.3	
24	191939071692			12.5	11.6	12.14	
25	191939072486			12.0	10.2	11.28	
26	191939070891			17.0	13.6	15.64	
27	22089050097			17.0	15.6	16.44	
28	181839062866			0.0	0.0	0.0	
29	191939069762			6.0	9.8	7.52	
30	181839063025			0.0	9.0	3.6	
31	191939072394			7.0	10.2	8.28	
32	2298822049			0.0	0.0	0.0	
33	191939071244			2.0	9.4	4.96	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biostatistique 1 / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule		Examen	CC	MG	
1	181839067440		17.0	18.0	17.4	
2	181839067848		5.0	10.0	7.0	
3	171739064576		6.5	12.0	8.7	
4	181839064795		20.0	20.0	20.0	
5	191939065048		1.5	14.5	6.7	
6	181834023115		10.0	20.0	14.0	
7	181839067823		0.0	0.0	0.0	
8	191939063708		13.5	14.5	13.9	
9	171739070503		1.5	0.0	0.9	
10	181839068249		1.0	12.0	5.4	
11	181839062936		0.0	0.0	0.0	
12	171739074658		3.5	0.0	2.1	
13	181839050552		6.0	14.0	9.2	
14	181439066179		1.0	0.0	0.6	
15	181839069758		1.0	14.0	6.2	
16	181839067840		0.0	11.0	4.4	
17	181839068307		0.0	0.0	0.0	
18	181839064801		13.0	13.0	13.0	
19	181839067442		10.0	12.0	10.8	
20	191939073469		3.0	12.0	6.6	
21	191939073673		11.0	14.0	12.2	
22	181839067510		0.0	0.0	0.0	
23	171739067253		0.0	0.0	0.0	
24	181839068230		11.0	16.0	13.0	
25	171739081829		0.0	0.0	0.0	
26	181839067477		8.0	12.5	9.8	
27	181839068862		1.0	13.5	6.0	
28	181839051199		0.0	0.0	0.0	
29	191939068622		9.0	15.0	11.4	
30	191939064981		12.0	16.0	13.6	
31	161639075249		0.0	0.0	0.0	
32	181839066192		1.0	12.0	5.4	
33	161639076278		0.0	0.0	0.0	
34	181839068827		5.0	10.0	7.0	
35	181839062859		0.0	0.0	0.0	
36	171739080656		1.0	0.0	0.6	

37	171739066158			1.0	9.0	4.2	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 17 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: biostatistique 1 / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			3.5	11.0	6.5	
2	191939064285			17.0	14.0	15.8	
3	191939063746			10.5	13.0	11.5	
4	191939051724			14.5	14.0	14.3	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			7.5	11.0	8.9	
8	191939064481			0.0	14.5	5.8	
9	191939065150			0.0	0.0	0.0	
10	181839070563			5.0	13.0	8.2	
11	181839069684			5.0	12.0	7.8	

12	181839069393			1.0	9.0	4.2	
13	181839069708			5.0	13.0	8.2	
14	191939063758			12.0	13.0	12.4	
15	191939063697			10.5	12.0	11.1	
16	191939065013			15.5	12.0	14.1	
17	191939063561			5.5	15.5	9.5	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			10.0	18.0	13.2	
21	191939051373			3.5	10.0	6.1	
22	191939065022			1.5	10.0	4.9	
23	191939065167			1.0	12.5	5.6	
24	191939065161			8.5	15.0	11.1	
25	191939065147			11.0	12.0	11.4	
26	191939065808			0.0	11.5	4.6	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			15.0	16.0	15.4	
30	191939065052			12.5	17.0	14.3	
31	181839070742			1.0	9.0	4.2	
32	191939073092			0.0	0.0	0.0	
33	191939065028			0.0	16.0	6.4	
34	191939065158			4.5	13.0	7.9	
35	181839069693			10.0	11.0	10.4	
36	181839069735			10.0	11.5	10.6	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: biostatistique 1 / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			13.5	13.0	13.3	
2	191939068681			3.0	9.0	5.4	
3	191939068778			16.0	10.0	13.6	
4	191939068786			1.0	8.0	3.8	
5	191939066773			14.0	10.0	12.4	
6	191939068769			1.0	9.0	4.2	
7	191939066932			16.5	15.0	15.9	
8	191939065458			4.5	0.0	2.7	
9	191939065389			11.0	13.0	11.8	
10	191939071275			7.5	14.5	10.3	
11	191939069334			1.0	12.0	5.4	
12	191939065462			12.0	9.5	11.0	
13	181839072948			0.0	0.0	0.0	
14	191939066233			3.5	13.0	7.3	
15	191939067916			7.0	10.0	8.2	
16	191939066249			15.0	10.0	13.0	
17	22119043423			0.0	0.0	0.0	
18	191939069242			1.0	9.5	4.4	
19	191939069741			2.5	11.0	5.9	
20	191939065884			5.5	15.0	9.3	
21	191939069253			6.5	11.0	8.3	
22	191939066824			1.5	9.0	4.5	
23	191939068280			4.5	11.0	7.1	
24	191939065405			5.5	13.0	8.5	
25	191939064619			4.5	9.5	6.5	
26	191939068640			17.0	10.5	14.4	
27	22109043191			4.0	8.5	5.8	
28	191939065403			15.0	13.5	14.4	
29	191939069752			7.0	8.0	7.4	
30	191939066988			7.0	9.0	7.8	
31	191939066928			11.5	15.0	12.9	
32	191939065787			0.0	0.0	0.0	
33	191939065787			16.0	19.0	17.2	
34	191939066993			4.5	9.0	6.3	
35	191939066843			4.0	7.5	5.4	
36	181939078937			14.5	15.5	14.9	

37	191939065455			13.0	9.5	11.6	
38	221539083919			3.5	11.0	6.5	
39	22109042628			1.0	9.5	4.4	

Signature de l'enseignant:

Le:

Page 19 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: biostatistique 1 / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			4.0	10.5	6.6	
2	191939072842			1.0	9.5	4.4	
3	191939072411			0.0	0.0	0.0	
4	191939072076			3.0	14.0	7.4	
5	191939072824			4.5	15.0	8.7	
6	191939070890			15.0	12.0	13.8	
7	191939070437			8.0	9.0	8.4	
8	191939070879			11.0	16.0	13.0	
9	191939071235			1.5	14.0	6.5	
10	191939073642			6.5	9.5	7.7	
11	191939070461			5.5	14.0	8.9	

12	191939071272			10.0	13.0	11.2	
13	191939072141			9.0	13.0	10.6	
14	191939071657			13.0	15.5	14.0	
15	191939070110			1.5	6.0	3.3	
16	191939073650			0.0	6.0	2.4	
17	191939071700			5.0	11.0	7.4	
18	191939071217			4.0	9.5	6.2	
19	181839063887			1.0	0.0	0.6	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			12.0	14.0	12.8	
23	191939071236			4.5	13.5	8.1	
24	191939071692			3.5	10.0	6.1	
25	191939072486			5.0	9.5	6.8	
26	191939070891			16.5	16.0	16.3	
27	22089050097			10.0	14.0	11.6	
28	181839062866			0.0	0.0	0.0	
29	191939069762			3.5	12.0	6.9	
30	181839063025			0.0	11.0	4.4	
31	191939072394			2.5	12.5	6.5	
32	2298822049			0.0	0.0	0.0	
33	191939071244			1.0	11.0	5.0	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

N° المؤرخ في 09 أوت

Matière: ingenierie moleculaire / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	181839067440			6.5	8.0	7.1	
2	181839067848			8.5	9.75	9.0	
3	171739064576			2.0	11.0	5.6	
4	181839064795			18.0	17.5	17.8	
5	191939065048			3.0	12.25	6.7	
6	181834023115			17.5	16.25	17.0	
7	181839067823			0.0	0.0	0.0	
8	191939063708			9.5	11.75	10.4	
9	171739070503			2.5	10.25	5.6	
10	181839068249			3.5	13.75	7.6	
11	181839062936			0.0	0.0	0.0	
12	171739074658			0.0	0.0	0.0	
13	181839050552			4.5	12.5	7.7	
14	181439066179			0.0	0.0	0.0	
15	181839069758			2.0	9.5	5.0	
16	181839067840			0.0	9.25	3.7	
17	181839068307			2.0	0.0	1.2	
18	181839064801			12.5	8.25	10.8	
19	181839067442			6.5	10.0	7.9	
20	191939073469			5.5	10.75	7.6	
21	191939073673			3.5	10.75	6.4	
22	181839067510			0.0	0.0	0.0	
23	171739067253			0.0	0.0	0.0	
24	181839068230			11.0	12.0	11.4	
25	171739081829			2.0	4.5	3.0	
26	181839067477			1.0	8.5	4.0	
27	181839068862			5.5	8.75	6.8	
28	181839051199			0.0	8.5	3.4	
29	191939068622			17.0	16.0	16.6	
30	191939064981			0.0	14.0	5.6	
31	161639075249			0.0	0.0	0.0	
32	181839066192			0.0	9.5	3.8	
33	161639076278			0.0	0.0	0.0	
34	181839068827			6.5	0.75	4.2	
35	181839062859			0.0	7.5	3.0	
36	171739080656			0.0	6.0	2.4	

37	171739066158			0.0	0.0	0.0	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 21 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: ingenierie moleculaire / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			3.0	10.75	6.1	
2	191939064285			14.0	14.75	14.3	
3	191939063746			1.0	10.75	4.9	
4	191939051724			2.0	9.5	5.0	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			2.5	10.25	5.6	
8	191939064481			9.0	11.5	10.0	
9	191939065150			0.0	0.0	0.0	
10	181839070563			4.0	11.25	6.9	
11	181839069684			3.5	10.75	6.4	

12	181839069393			0.0	5.0	2.0	
13	181839069708			4.0	10.0	6.4	
14	191939063758			6.5	14.75	9.8	
15	191939063697			7.5	15.0	10.5	
16	191939065013			9.0	10.0	9.4	
17	191939063561			8.5	15.75	11.4	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			10.0	15.0	12.0	
21	191939051373			7.0	12.5	9.2	
22	191939065022			6.0	7.5	6.6	
23	191939065167			2.0	8.5	4.6	
24	191939065161			3.0	10.0	5.8	
25	191939065147			1.0	9.25	4.3	
26	191939065808			9.0	12.25	10.3	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			13.5	16.5	14.7	
30	191939065052			17.0	17.5	17.2	
31	181839070742			0.0	8.0	3.2	
32	191939073092			0.0	0.0	0.0	
33	191939065028			8.5	11.5	9.7	
34	191939065158			2.0	11.5	5.8	
35	181839069693			5.5	5.5	5.5	
36	181839069735			4.0	11.0	6.8	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: ingenierie moleculaire / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			1.0	9.5	4.4	
2	191939068681			1.0	11.75	5.3	
3	191939068778			3.5	8.25	5.4	
4	191939068786			1.0	8.0	3.8	
5	191939066773			13.0	17.0	14.6	
6	191939068769			4.0	12.75	7.5	
7	191939066932			19.0	16.25	17.9	
8	191939065458			6.5	15.5	10.1	
9	191939065389			13.0	15.0	13.8	
10	191939071275			3.5	9.0	5.7	
11	191939069334			2.0	9.25	4.9	
12	191939065462			5.5	14.25	9.0	
13	181839072948			0.0	0.0	0.0	
14	191939066233			4.0	10.0	6.4	
15	191939067916			7.5	8.75	8.0	
16	191939066249			6.5	11.0	8.3	
17	22119043423			0.0	0.0	0.0	
18	191939069242			5.0	8.0	6.2	
19	191939069741			2.5	7.75	4.6	
20	191939065884			5.5	9.0	6.9	
21	191939069253			0.0	10.0	4.0	
22	191939066824			5.5	12.5	8.3	
23	191939068280			7.0	9.25	7.9	
24	191939065405			10.0	10.75	10.3	
25	191939064619			5.0	13.75	8.5	
26	191939068640			10.0	13.25	11.3	
27	22109043191			3.5	10.75	6.4	
28	191939065403			7.5	10.5	8.7	
29	191939069752			13.0	15.0	13.8	
30	191939066988			13.0	12.0	12.6	
31	191939066928			11.5	13.0	12.1	
32	191939065787			0.0	0.0	0.0	
33	191939065787			15.0	14.0	14.6	
34	191939066993			4.5	13.75	8.2	
35	191939066843			7.0	10.0	8.2	
36	181939078937			5.0	11.5	7.6	

37	191939065455			4.0	11.0	6.8	
38	221539083919			6.0	12.75	8.7	
39	22109042628			3.5	12.5	7.1	

Signature de l'enseignant:

Le:

Page 23 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: ingenierie moleculaire / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			4.5	6.5	5.3	
2	191939072842			2.0	6.25	3.7	
3	191939072411			0.0	0.0	0.0	
4	191939072076			4.0	9.0	6.0	
5	191939072824			7.5	11.0	8.9	
6	191939070890			14.5	14.75	14.6	
7	191939070437			15.0	12.25	13.9	
8	191939070879			12.5	12.25	12.4	
9	191939071235			10.0	9.0	9.6	
10	191939073642			7.5	9.0	8.1	
11	191939070461			14.0	10.5	12.6	

12	191939071272			14.5	17.25	15.6	
13	191939072141			11.0	15.0	12.6	
14	191939071657			17.5	14.5	16.3	
15	191939070110			7.5	6.5	7.1	
16	191939073650			0.0	8.75	3.5	
17	191939071700			5.5	15.25	9.4	
18	191939071217			3.0	9.0	5.4	
19	181839063887			0.0	6.5	2.6	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			16.5	14.75	15.8	
23	191939071236			13.0	16.25	14.3	
24	191939071692			6.0	13.5	9.0	
25	191939072486			4.5	9.25	6.4	
26	191939070891			16.0	16.0	16.0	
27	22089050097			4.0	13.5	7.8	
28	181839062866			0.0	0.0	0.0	
29	191939069762			2.0	8.0	4.4	
30	181839063025			0.0	6.5	2.6	
31	191939072394			6.5	11.5	8.5	
32	2298822049			0.0	0.0	0.0	
33	191939071244			6.5	9.0	7.5	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: technique de communication et d expression anglais / A / 1**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	181839067440			14.0	0.0	14.0	
2	181839067848			10.0	0.0	10.0	
3	171739064576			11.75	0.0	11.75	
4	181839064795			13.25	0.0	13.25	
5	191939065048			17.0	0.0	17.0	
6	181834023115			7.75	0.0	7.75	
7	181839067823			0.0	0.0	0.0	
8	191939063708			5.25	0.0	5.25	
9	171739070503			0.0	0.0	0.0	
10	181839068249			14.0	0.0	14.0	
11	181839062936			0.0	0.0	0.0	
12	171739074658			0.0	0.0	0.0	
13	181839050552			12.25	0.0	12.25	
14	181439066179			0.0	0.0	0.0	
15	181839069758			7.5	0.0	7.5	
16	181839067840			11.75	0.0	11.75	
17	181839068307			0.0	0.0	0.0	
18	181839064801			12.25	0.0	12.25	
19	181839067442			12.5	0.0	12.5	
20	191939073469			7.5	0.0	7.5	
21	191939073673			6.5	0.0	6.5	
22	181839067510			0.0	0.0	0.0	
23	171739067253			0.0	0.0	0.0	
24	181839068230			9.0	0.0	9.0	
25	171739081829			0.0	0.0	0.0	
26	181839067477			6.5	0.0	6.5	
27	181839068862			5.0	0.0	5.0	
28	181839051199			6.75	0.0	6.75	
29	191939068622			11.75	0.0	11.75	
30	191939064981			14.75	0.0	14.75	
31	161639075249			0.0	0.0	0.0	
32	181839066192			8.0	0.0	8.0	
33	161639076278			0.0	0.0	0.0	
34	181839068827			10.25	0.0	10.25	
35	181839062859			0.0	0.0	0.0	
36	171739080656			7.25	0.0	7.25	

37	171739066158			0.0	0.0	0.0	
38	21079075272			0.0	0.0	0.0	

Signature de l'enseignant:

Le:

Page 25 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: technique de communication et d'expression anglais / A / 2

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939050465			11.0	0.0	11.0	
2	191939064285			13.75	0.0	13.75	
3	191939063746			12.0	0.0	12.0	
4	191939051724			9.25	0.0	9.25	
5	191939063621			0.0	0.0	0.0	
6	181839071411			0.0	0.0	0.0	
7	191939063757			10.0	0.0	10.0	
8	191939064481			11.0	0.0	11.0	
9	191939065150			0.0	0.0	0.0	
10	181839070563			9.0	0.0	9.0	
11	181839069684			8.0	0.0	8.0	

12	181839069393			5.25	0.0	5.25	
13	181839069708			14.75	0.0	14.75	
14	191939063758			7.5	0.0	7.5	
15	191939063697			12.0	0.0	12.0	
16	191939065013			16.5	0.0	16.5	
17	191939063561			11.25	0.0	11.25	
18	191939063513			0.0	0.0	0.0	
19	191939065123			0.0	0.0	0.0	
20	191939064542			12.75	0.0	12.75	
21	191939051373			11.5	0.0	11.5	
22	191939065022			10.0	0.0	10.0	
23	191939065167			8.75	0.0	8.75	
24	191939065161			13.25	0.0	13.25	
25	191939065147			7.25	0.0	7.25	
26	191939065808			13.75	0.0	13.75	
27	191939073203			0.0	0.0	0.0	
28	191939065012			0.0	0.0	0.0	
29	191939065151			13.0	0.0	13.0	
30	191939065052			16.5	0.0	16.5	
31	181839070742			4.5	0.0	4.5	
32	191939073092			0.0	0.0	0.0	
33	191939065028			18.75	0.0	18.75	
34	191939065158			11.25	0.0	11.25	
35	181839069693			13.25	0.0	13.25	
36	181839069735			11.25	0.0	11.25	

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:**Arrêté d'habilitation de**

N° المؤرخ في 09 أوت

Matière: technique de communication et d'expression anglais / A / 3**PV de délibération par matière (Session Normal)**

#	Matricule			Examen	CC	MG	
1	191939069688			7.5	0.0	7.5	
2	191939068681			9.75	0.0	9.75	
3	191939068778			11.75	0.0	11.75	
4	191939068786			9.25	0.0	9.25	
5	191939066773			10.0	0.0	10.0	
6	191939068769			7.25	0.0	7.25	
7	191939066932			17.75	0.0	17.75	
8	191939065458			12.0	0.0	12.0	
9	191939065389			14.5	0.0	14.5	
10	191939071275			9.0	0.0	9.0	
11	191939069334			14.25	0.0	14.25	
12	191939065462			14.5	0.0	14.5	
13	181839072948			0.0	0.0	0.0	
14	191939066233			8.25	0.0	8.25	
15	191939067916			9.75	0.0	9.75	
16	191939066249			16.75	0.0	16.75	
17	22119043423			0.0	0.0	0.0	
18	191939069242			5.75	0.0	5.75	
19	191939069741			6.0	0.0	6.0	
20	191939065884			8.5	0.0	8.5	
21	191939069253			10.25	0.0	10.25	
22	191939066824			12.25	0.0	12.25	
23	191939068280			12.0	0.0	12.0	
24	191939065405			12.25	0.0	12.25	
25	191939064619			8.0	0.0	8.0	
26	191939068640			12.5	0.0	12.5	
27	22109043191			8.75	0.0	8.75	
28	191939065403			13.25	0.0	13.25	
29	191939069752			11.25	0.0	11.25	
30	191939066988			16.0	0.0	16.0	
31	191939066928			7.25	0.0	7.25	
32	191939065787			0.0	0.0	0.0	
33	191939065787			9.0	0.0	9.0	
34	191939066993			8.5	0.0	8.5	
35	191939066843			6.0	0.0	6.0	
36	181939078937			14.0	0.0	14.0	

37	191939065455			6.75	0.0	6.75	
38	221539083919			9.0	0.0	9.0	
39	22109042628			10.5	0.0	10.5	

Signature de l'enseignant:

Le:

Page 27 sur

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques
Biochimie appliquée

Niveau:

Arrêté d'habilitation de

13 المؤرخ في 09 أوت 2022

Matière: technique de communication et d'expression anglais / A / 4

PV de délibération par matière (Session Normal)

#	Matricule			Examen	CC	MG	
1	191939070396			15.75	0.0	15.75	
2	191939072842			8.75	0.0	8.75	
3	191939072411			0.0	0.0	0.0	
4	191939072076			7.75	0.0	7.75	
5	191939072824			13.75	0.0	13.75	
6	191939070890			9.0	0.0	9.0	
7	191939070437			8.75	0.0	8.75	
8	191939070879			15.0	0.0	15.0	
9	191939071235			11.0	0.0	11.0	
10	191939073642			7.75	0.0	7.75	
11	191939070461			9.5	0.0	9.5	

12	191939071272			15.75	0.0	15.75	
13	191939072141			10.5	0.0	10.5	
14	191939071657			15.75	0.0	15.75	
15	191939070110			9.25	0.0	9.25	
16	191939073650			0.0	0.0	0.0	
17	191939071700			3.75	0.0	3.75	
18	191939071217			9.25	0.0	9.25	
19	181839063887			2.0	0.0	2.0	
20	191939071649			0.0	0.0	0.0	
21	161639063925			0.0	0.0	0.0	
22	191939071233			12.0	0.0	12.0	
23	191939071236			12.0	0.0	12.0	
24	191939071692			12.5	0.0	12.5	
25	191939072486			10.75	0.0	10.75	
26	191939070891			11.0	0.0	11.0	
27	22089050097			6.5	0.0	6.5	
28	181839062866			0.0	0.0	0.0	
29	191939069762			7.0	0.0	7.0	
30	181839063025			5.0	0.0	5.0	
31	191939072394			13.0	0.0	13.0	
32	2298822049			0.0	0.0	0.0	
33	191939071244			7.0	0.0	7.0	