

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biochimie microbienne fondamentale / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			11.25	9.0	10.35
2	21119045490			5.75	11.2	7.93
3	21109048666			12.75	13.2	12.93
4	161639068024			7.75	10.35	8.79
5	22049043204			16.75	17.25	16.95
6	1901943423			0.0	0.0	0.0
7	21066021796			13.5	14.95	14.08
8	21049059835			12.75	7.35	10.59
9	21139041691			4.75	8.55	6.27
10	22059040907			6.0	13.9	9.16
11	161639072410			12.5	16.05	13.92
12	161639077716			4.0	7.4	5.36
13	21119041473			15.0	15.25	15.1
14	141439056394			19.5	18.0	18.9
15	21129046729			10.25	8.4	9.51
16	21119048641			10.0	12.15	10.86
17	171739060781			7.5	8.75	8.0
18	161639068463			3.0	8.1	5.04
19	21119047630			11.5	15.45	13.08
20	161639075237			2.0	0.0	1.2
21	21109049009			2.75	7.55	4.67
22	161639065339			0.0	0.0	0.0
23	22119044803			0.0	0.0	0.0
24	161639065609			9.0	10.5	9.6
25	21069050419			5.5	9.55	7.12
26	20129051813			8.25	7.19	7.83
27	1800931794			0.0	0.0	0.0
28	21129047794			10.0	12.0	10.8
29	2179130271			16.75	17.8	17.17
30	201439056065			0.0	0.0	0.0
31	21099041475			7.25	6.95	7.13
32	21129061415			8.25	7.2	7.83
33	211539065539			16.75	11.2	14.53
34	21129045471			13.0	7.25	10.7
35	211539065010			18.25	10.25	15.05

36	211539064669			16.5	11.45	14.48
37	151539064899			10.5	9.15	9.96
38	181439044574			0.0	0.0	0.0
39	21129058730			9.0	7.95	8.58

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biochimie microbienne fondamentale / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			5.75	7.4	6.41
2	181839062701			5.5	9.3	7.02
3	161639069778			9.25	14.0	11.15
4	181839063643			10.0	7.1	8.84
5	171739066157			4.0	6.4	4.96
6	181839062757			16.75	16.4	16.61
7	161639078012			0.0	0.0	0.0
8	171739065290			6.75	10.9	8.41
9	171739074747			0.0	0.0	0.0
10	181839064410			15.75	9.75	13.35
11	171739072365			0.0	8.6	3.44
12	171739071175			9.5	11.5	10.3
13	171739067251			9.25	7.9	8.71
14	181839062930			18.5	14.5	16.9

15	181839062888			12.75	11.35	12.19
16	181839062941			13.0	12.85	12.94
17	171739075576			5.5	5.6	5.54
18	181839062711			15.0	11.05	13.42
19	171739066241			0.0	0.0	0.0
20	181839072646			14.25	9.5	12.35
21	171739066165			5.0	5.9	5.36
22	181839062732			6.75	9.65	7.91
23	171739080534			3.5	6.1	4.54
24	171739073792			4.75	6.32	5.38
25	161639083911			2.25	6.2	3.83
26	171739064104			0.0	6.4	2.56
27	171739073677			4.25	5.9	4.91
28	171739066082			10.75	8.55	9.87
29	171739080875			6.5	10.25	8.0
30	171739066122			2.75	8.5	5.05
31	171739068225			7.0	6.65	6.86
32	171739064384			10.0	12.5	11.0
33	181839063011			18.5	13.5	16.5
34	181839063119			11.5	11.7	11.58
35	171739066687			0.0	0.0	0.0
36	211439058633			12.25	11.75	12.05

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** biochimie microbienne fondamentale / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			9.5	7.5	8.7
2	181839064517			15.25	12.9	14.31
3	181839066444			14.25	9.2	12.23
4	2298094500			10.25	11.7	10.83
5	181839064800			11.75	10.95	11.43
6	181839066176			7.5	10.6	8.74
7	181839064803			12.0	12.45	12.18
8	181839065665			10.75	10.35	10.59
9	181839064396			8.5	10.6	9.34
10	181839064402			10.25	13.0	11.35
11	181839064403			8.0	9.9	8.76
12	181839064509			18.5	16.05	17.52
13	181839064397			8.5	11.7	9.78
14	181839064524			17.75	14.4	16.41
15	181839064466			7.0	9.2	7.88
16	181839066296			14.0	10.15	12.46
17	181839064449			6.75	8.25	7.35
18	181839066204			3.75	10.05	6.27
19	181839063684			4.0	10.65	6.66
20	181839066302			9.0	11.3	9.92
21	181839064452			15.0	13.4	14.36
22	181839066281			18.25	13.85	16.49
23	181839066450			10.25	11.1	10.59
24	181839063914			10.5	11.45	10.88
25	181839066303			8.25	10.1	8.99
26	181839068853			10.25	9.0	9.75
27	181839064420			10.0	9.75	9.9
28	181839064881			11.25	13.6	12.19
29	181839066440			4.25	12.4	7.51
30	181839064429			13.5	13.5	13.5
31	181839063659			16.0	14.15	15.26
32	181839063985			9.5	10.79	10.02
33	181839064547			7.25	7.3	7.27
34	151539064689			0.0	0.0	0.0
35	21109049068			10.0	11.8	10.72
36	22129052414			12.0	14.35	12.94
37	141439055946			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biochimie microbienne fondamentale / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			16.5	10.15	13.96
2	181839068219			15.0	8.6	12.44
3	181839067945			9.0	9.0	9.0
4	181839067838			13.0	11.55	12.42
5	181839068260			14.75	8.9	12.41
6	181839066944			11.5	9.8	10.82
7	181839066966			8.5	10.85	9.44
8	181839067554			17.5	16.6	17.14
9	181839067890			9.25	9.9	9.51
10	181839064816			6.5	8.15	7.16
11	181839068918			12.0	12.4	12.16
12	181839068789			13.25	13.7	13.43

13	181839066955			7.5	8.0	7.7
14	181839069336			5.0	5.35	5.14
15	181839068941			15.0	12.25	13.9
16	181839068926			13.5	12.8	13.22
17	181839064526			7.25	7.25	7.25
18	181839067051			16.25	17.05	16.57
19	181839069346			8.75	10.95	9.63
20	181839067826			8.25	10.5	9.15
21	181839068333			16.25	16.65	16.41
22	181839068335			10.0	8.55	9.42
23	181839068836			7.5	8.85	8.04
24	181839067841			12.75	10.9	12.01
25	181839067003			7.0	8.3	7.52
26	181839067481			8.75	9.8	9.17
27	181839068221			3.25	8.4	5.31
28	181839067016			10.0	8.0	9.2
29	181839062746			11.75	6.65	9.71
30	181839069316			16.0	11.5	14.2
31	181839068876			5.25	9.25	6.85
32	181839068269			9.5	11.7	10.38
33	181839068858			6.0	5.35	5.74
34	181839067556			16.25	13.4	15.11

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** biochimie microbienne fondamentale / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			13.25	7.7	11.03
2	181839069754			7.75	10.8	8.97
3	181839071519			14.5	8.95	12.28
4	181839071958			7.5	9.0	8.1
5	181839071434			9.0	12.6	10.44
6	181839070253			17.5	15.95	16.88
7	181839070616			18.0	17.5	17.8
8	181839071850			7.5	8.75	8.0
9	181839071056			9.0	8.15	8.66
10	181839070252			16.75	13.25	15.35
11	181839072962			11.25	12.05	11.57
12	2201942916			15.75	10.13	13.5
13	181839071453			14.75	15.6	15.09
14	181839072287			7.5	8.3	7.82
15	181839072307			6.25	9.85	7.69
16	181839070630			13.5	12.7	13.18
17	181839071417			10.75	9.05	10.07
18	181839071538			10.0	11.65	10.66
19	181839071092			13.5	9.5	11.9
20	181839071113			12.5	13.7	12.98
21	181839071100			14.0	11.75	13.1
22	181839071057			15.25	15.5	15.35
23	181839071116			18.5	15.35	17.24
24	181839070706			10.75	11.6	11.09
25	181839071018			13.25	10.1	11.99
26	181839071077			11.25	6.65	9.41
27	181839071516			9.25	9.15	9.21
28	171739073702			15.0	15.95	15.38
29	181839071584			15.5	15.3	15.42
30	181839069797			13.75	16.0	14.65
31	181839069827			18.5	15.4	17.26
32	181839072236			6.75	7.55	7.07
33	221339052161			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: bioénergétique / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			13.5	11.1	12.54
2	21119045490			4.0	8.1	5.64
3	21109048666			14.5	11.1	13.14
4	161639068024			7.0	10.0	8.2
5	22049043204			16.0	14.5	15.4
6	1901943423			0.0	0.0	0.0
7	21066021796			9.0	12.2	10.28
8	21049059835			10.0	11.0	10.4

9	21139041691			7.0	10.1	8.24
10	22059040907			7.0	10.5	8.4
11	161639072410			12.5	13.25	12.8
12	161639077716			5.0	8.1	6.24
13	21119041473			8.0	12.0	9.6
14	141439056394			18.5	18.0	18.3
15	21129046729			6.0	10.4	7.76
16	21119048641			9.0	11.5	10.0
17	171739060781			8.0	8.55	8.22
18	161639068463			8.5	11.9	9.86
19	21119047630			12.5	10.65	11.76
20	161639075237			9.0	0.0	5.4
21	21109049009			4.0	8.5	5.8
22	161639065339			0.0	0.0	0.0
23	22119044803			0.0	13.25	5.3
24	161639065609			10.5	11.1	10.74
25	21069050419			15.5	12.5	14.3
26	20129051813			11.0	8.0	9.8
27	1800931794			12.32	12.32	12.32
28	21129047794			13.0	13.6	13.24
29	2179130271			17.0	13.65	15.66
30	201439056065			0.0	0.0	0.0
31	21099041475			8.5	9.0	8.7
32	21129061415			7.5	11.0	8.9
33	211539065539			11.5	12.0	11.7
34	21129045471			11.5	13.0	12.1
35	211539065010			15.5	10.55	13.52
36	211539064669			17.5	12.35	15.44
37	151539064899			9.0	10.25	9.5
38	181439044574			0.0	0.0	0.0
39	21129058730			5.5	10.1	7.34

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: bioénergétique / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			6.5	10.5	8.1
2	181839062701			3.0	9.15	5.46
3	161639069778			11.5	12.5	11.9
4	181839063643			7.5	9.15	8.16
5	171739066157			3.5	9.0	5.7
6	181839062757			18.5	15.0	17.1
7	161639078012			11.7	11.7	11.7
8	171739065290			12.0	10.7	11.48
9	171739074747			0.0	0.0	0.0
10	181839064410			13.0	13.85	13.34
11	171739072365			7.0	10.4	8.36
12	171739071175			12.36	12.36	12.36
13	171739067251			10.0	9.15	9.66
14	181839062930			17.0	12.0	15.0

15	181839062888			11.5	11.0	11.3
16	181839062941			17.5	10.7	14.78
17	171739075576			3.0	6.6	4.44
18	181839062711			10.5	8.15	9.56
19	171739066241			0.0	0.0	0.0
20	181839072646			9.0	11.3	9.92
21	171739066165			9.0	12.5	10.4
22	181839062732			5.5	9.0	6.9
23	171739080534			3.5	8.0	5.3
24	171739073792			5.0	8.0	6.2
25	161639083911			4.5	7.5	5.7
26	171739064104			0.0	7.35	2.94
27	171739073677			6.0	10.6	7.84
28	171739066082			9.5	11.1	10.14
29	171739080875			5.0	9.2	6.68
30	171739066122			5.0	7.2	5.88
31	171739068225			6.5	9.5	7.7
32	171739064384			13.0	10.2	11.88
33	181839063011			14.5	14.0	14.3
34	181839063119			9.0	13.0	10.6
35	171739066687			12.24	12.24	12.24
36	211439058633			16.5	13.0	15.1

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** bioénergétique / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			11.0	12.0	11.4
2	181839064517			15.0	11.25	13.5
3	181839066444			12.0	10.5	11.4
4	2298094500			7.5	9.2	8.18
5	181839064800			9.25	9.6	9.39
6	181839066176			7.5	9.5	8.3
7	181839064803			14.0	14.0	14.0
8	181839065665			12.0	10.1	11.24
9	181839064396			9.0	8.2	8.68
10	181839064402			13.5	10.15	12.16
11	181839064403			12.0	11.7	11.88
12	181839064509			15.5	16.1	15.74
13	181839064397			13.0	12.35	12.74
14	181839064524			15.0	12.15	13.86
15	181839064466			4.0	10.7	6.68
16	181839066296			5.5	9.0	6.9
17	181839064449			11.0	9.3	10.32
18	181839066204			6.0	8.0	6.8
19	181839063684			5.25	10.0	7.15
20	181839066302			11.75	7.8	10.17
21	181839064452			13.5	12.75	13.2
22	181839066281			17.0	13.8	15.72
23	181839066450			8.5	10.25	9.2
24	181839063914			11.75	9.85	10.99
25	181839066303			8.25	9.6	8.79
26	181839068853			7.5	10.5	8.7
27	181839064420			11.5	10.5	11.1
28	181839064881			17.0	12.5	15.2
29	181839066440			5.5	10.1	7.34
30	181839064429			15.5	9.65	13.16
31	181839063659			13.5	12.5	13.1
32	181839063985			8.0	11.7	9.48
33	181839064547			6.5	9.0	7.5
34	151539064689			0.0	0.0	0.0
35	21109049068			10.0	11.0	10.4
36	22129052414			10.0	10.3	10.12
37	141439055946			0.0	5.8	2.32

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: bioénergétique / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			11.5	11.0	11.3
2	181839068219			4.0	9.0	6.0
3	181839067945			12.5	13.1	12.74
4	181839067838			14.5	11.0	13.1
5	181839068260			14.0	11.0	12.8
6	181839066944			11.0	9.5	10.4
7	181839066966			7.0	9.6	8.04
8	181839067554			18.5	15.6	17.34
9	181839067890			5.0	9.8	6.92
10	181839064816			5.0	7.2	5.88
11	181839068918			9.0	10.1	9.44
12	181839068789			13.5	9.6	11.94

13	181839066955			10.0	11.3	10.52
14	181839069336			0.0	10.0	4.0
15	181839068941			8.0	9.5	8.6
16	181839068926			6.5	10.1	7.94
17	181839064526			6.5	7.8	7.02
18	181839067051			14.5	12.0	13.5
19	181839069346			7.25	8.7	7.83
20	181839067826			1.5	7.1	3.74
21	181839068333			11.5	13.0	12.1
22	181839068335			8.5	10.0	9.1
23	181839068836			9.0	9.75	9.3
24	181839067841			11.0	10.2	10.68
25	181839067003			8.5	10.5	9.3
26	181839067481			8.5	9.3	8.82
27	181839068221			6.5	8.55	7.32
28	181839067016			13.0	12.2	12.68
29	181839062746			8.5	9.15	8.76
30	181839069316			10.5	9.35	10.04
31	181839068876			4.5	15.6	8.94
32	181839068269			13.5	9.6	11.94
33	181839068858			5.0	10.0	7.0
34	181839067556			17.0	15.5	16.4

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** bioénergétique / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			6.0	12.5	8.6
2	181839069754			7.5	8.2	7.78
3	181839071519			10.5	10.2	10.38
4	181839071958			9.5	12.7	10.78
5	181839071434			5.5	10.3	7.42
6	181839070253			11.5	13.0	12.1
7	181839070616			13.5	14.1	13.74
8	181839071850			7.0	10.5	8.4
9	181839071056			5.0	9.5	6.8
10	181839070252			14.5	11.5	13.3
11	181839072962			7.0	11.0	8.6
12	2201942916			13.0	9.5	11.6
13	181839071453			12.5	14.0	13.1
14	181839072287			13.0	7.4	10.76
15	181839072307			3.5	8.85	5.64
16	181839070630			11.0	14.0	12.2
17	181839071417			2.5	8.1	4.74
18	181839071538			8.75	10.0	9.25
19	181839071092			10.5	11.3	10.82
20	181839071113			10.0	8.6	9.44
21	181839071100			8.5	11.0	9.5
22	181839071057			11.5	10.7	11.18
23	181839071116			14.0	11.6	13.04
24	181839070706			10.0	9.75	9.9
25	181839071018			4.5	11.6	7.34
26	181839071077			3.0	8.3	5.12
27	181839071516			11.0	9.1	10.24
28	171739073702			10.0	13.85	11.54
29	181839071584			15.0	15.0	15.0
30	181839069797			12.0	10.8	11.52
31	181839069827			15.5	14.55	15.12
32	181839072236			12.0	7.1	10.04
33	221339052161			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biotechnologie enzymatique / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			7.5	16.3	11.02
2	21119045490			6.0	14.5	9.4
3	21109048666			14.0	16.4	14.96
4	161639068024			6.0	16.3	10.12
5	22049043204			11.5	14.6	12.74
6	1901943423			0.0	0.0	0.0
7	21066021796			4.5	12.3	7.62
8	21049059835			8.0	16.65	11.46

9	21139041691			2.0	14.1	6.84
10	22059040907			3.0	8.8	5.32
11	161639072410			9.5	13.8	11.22
12	161639077716			3.0	12.9	6.96
13	21119041473			2.0	15.85	7.54
14	141439056394			20.0	18.45	19.38
15	21129046729			0.5	0.0	0.3
16	21119048641			10.75	15.6	12.69
17	171739060781			1.5	6.4	3.46
18	161639068463			3.75	8.8	5.77
19	21119047630			8.75	13.7	10.73
20	161639075237			2.0	0.0	1.2
21	21109049009			1.75	6.75	3.75
22	161639065339			0.0	0.0	0.0
23	22119044803			0.0	10.8	4.32
24	161639065609			3.0	16.3	8.32
25	21069050419			13.5	15.1	14.14
26	20129051813			3.5	12.6	7.14
27	1800931794			0.0	0.0	0.0
28	21129047794			9.5	16.4	12.26
29	2179130271			5.0	14.5	8.8
30	201439056065			0.0	0.0	0.0
31	21099041475			1.0	14.2	6.28
32	21129061415			2.5	13.8	7.02
33	211539065539			5.0	16.15	9.46
34	21129045471			8.25	18.0	12.15
35	211539065010			5.5	11.7	7.98
36	211539064669			6.0	16.8	10.32
37	151539064899			4.5	9.5	6.5
38	181439044574			0.0	0.0	0.0
39	21129058730			3.5	14.55	7.92

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biotechnologie enzymatique / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			10.5	15.7	12.58
2	181839062701			5.0	10.3	7.12
3	161639069778			9.5	14.9	11.66
4	181839063643			8.0	14.65	10.66
5	171739066157			4.75	5.6	5.09
6	181839062757			9.0	16.5	12.0
7	161639078012			10.2	10.2	10.2
8	171739065290			5.5	6.9	6.06
9	171739074747			0.0	0.0	0.0
10	181839064410			5.25	16.5	9.75
11	171739072365			1.0	8.2	3.88
12	171739071175			7.0	10.1	8.24
13	171739067251			3.0	11.3	6.32
14	181839062930			7.0	16.8	10.92

15	181839062888			7.0	15.9	10.56
16	181839062941			6.5	14.1	9.54
17	171739075576			0.5	4.7	2.18
18	181839062711			3.5	12.6	7.14
19	171739066241			0.0	0.0	0.0
20	181839072646			2.5	13.1	6.74
21	171739066165			1.0	11.7	5.28
22	181839062732			2.75	7.1	4.49
23	171739080534			4.0	5.9	4.76
24	171739073792			3.0	8.3	5.12
25	161639083911			0.0	4.7	1.88
26	171739064104			0.0	6.9	2.76
27	171739073677			3.0	4.6	3.64
28	171739066082			9.75	14.4	11.61
29	171739080875			11.25	15.5	12.95
30	171739066122			7.25	14.6	10.19
31	171739068225			4.0	16.7	9.08
32	171739064384			2.25	11.4	5.91
33	181839063011			5.25	16.9	9.91
34	181839063119			14.25	15.1	14.59
35	171739066687			0.0	0.0	0.0
36	211439058633			8.5	16.4	11.66

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** biotechnologie enzymatique / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			4.5	14.6	8.54
2	181839064517			5.0	16.45	9.58
3	181839066444			5.25	12.4	8.11
4	2298094500			6.5	15.7	10.18
5	181839064800			9.0	15.1	11.44
6	181839066176			4.25	15.9	8.91
7	181839064803			2.0	15.5	7.4
8	181839065665			4.5	11.1	7.14
9	181839064396			4.0	14.5	8.2
10	181839064402			5.0	16.75	9.7
11	181839064403			7.0	14.2	9.88
12	181839064509			6.0	16.5	10.2
13	181839064397			9.5	16.5	12.3
14	181839064524			7.0	15.1	10.24
15	181839064466			0.0	5.3	2.12
16	181839066296			5.25	15.9	9.51
17	181839064449			6.0	16.7	10.28
18	181839066204			5.75	7.8	6.57
19	181839063684			2.25	16.15	7.81
20	181839066302			5.75	8.4	6.81
21	181839064452			10.5	17.35	13.24
22	181839066281			8.25	15.3	11.07
23	181839066450			7.25	15.3	10.47
24	181839063914			3.5	16.45	8.68
25	181839066303			2.75	14.8	7.57
26	181839068853			2.0	8.9	4.76
27	181839064420			1.75	8.8	4.57
28	181839064881			5.25	15.8	9.47
29	181839066440			5.25	10.2	7.23
30	181839064429			6.75	16.8	10.77
31	181839063659			11.0	16.6	13.24
32	181839063985			5.5	14.95	9.28
33	181839064547			6.0	16.15	10.06
34	151539064689			0.0	0.0	0.0
35	21109049068			0.0	7.0	2.8
36	22129052414			14.5	14.9	14.66
37	141439055946			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: biotechnologie enzymatique / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			7.0	13.2	9.48
2	181839068219			2.25	5.8	3.67
3	181839067945			1.5	16.7	7.58
4	181839067838			10.0	16.1	12.44
5	181839068260			3.25	14.2	7.63
6	181839066944			5.5	12.7	8.38
7	181839066966			6.0	12.1	8.44
8	181839067554			14.5	16.6	15.34
9	181839067890			1.0	14.2	6.28
10	181839064816			2.0	12.3	6.12
11	181839068918			4.0	12.1	7.24
12	181839068789			5.5	13.9	8.86

13	181839066955			3.5	13.3	7.42
14	181839069336			0.0	5.2	2.08
15	181839068941			4.5	13.9	8.26
16	181839068926			9.0	11.5	10.0
17	181839064526			4.0	8.1	5.64
18	181839067051			6.75	17.8	11.17
19	181839069346			1.5	6.2	3.38
20	181839067826			2.0	14.0	6.8
21	181839068333			9.0	16.6	12.04
22	181839068335			4.0	17.2	9.28
23	181839068836			3.5	10.7	6.38
24	181839067841			8.0	14.7	10.68
25	181839067003			9.0	15.7	11.68
26	181839067481			7.0	13.2	9.48
27	181839068221			4.0	10.0	6.4
28	181839067016			3.75	13.3	7.57
29	181839062746			10.0	10.2	10.08
30	181839069316			3.25	6.4	4.51
31	181839068876			3.25	12.2	6.83
32	181839068269			13.5	15.7	14.38
33	181839068858			2.0	7.9	4.36
34	181839067556			13.0	19.0	15.4

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** biotechnologie enzymatique / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			11.0	13.7	12.08
2	181839069754			2.25	12.7	6.43
3	181839071519			8.5	16.7	11.78
4	181839071958			7.0	15.1	10.24
5	181839071434			7.5	11.9	9.26
6	181839070253			7.5	17.6	11.54
7	181839070616			9.5	15.1	11.74
8	181839071850			3.75	9.7	6.13
9	181839071056			4.5	14.7	8.58
10	181839070252			3.75	15.2	8.33
11	181839072962			3.25	12.5	6.95
12	2201942916			4.0	0.0	2.4
13	181839071453			17.0	17.0	17.0
14	181839072287			4.75	13.4	8.21
15	181839072307			3.0	16.7	8.48
16	181839070630			9.0	16.0	11.8
17	181839071417			2.0	14.6	7.04
18	181839071538			6.5	14.9	9.86
19	181839071092			5.0	8.5	6.4
20	181839071113			7.0	6.9	6.96
21	181839071100			5.0	13.9	8.56
22	181839071057			4.0	11.5	7.0
23	181839071116			8.0	15.7	11.08
24	181839070706			3.5	13.7	7.58
25	181839071018			5.75	7.9	6.61
26	181839071077			3.5	12.1	6.94
27	181839071516			3.0	16.8	8.52
28	171739073702			5.25	12.1	7.99
29	181839071584			12.5	17.0	14.3
30	181839069797			4.25	15.4	8.71
31	181839069827			7.0	15.4	10.36
32	181839072236			6.75	14.0	9.65
33	221339052161			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: entrepreneuriat / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			17.5	0.0	17.5
2	21119045490			16.0	0.0	16.0
3	21109048666			16.5	0.0	16.5
4	161639068024			15.0	0.0	15.0
5	22049043204			15.5	0.0	15.5
6	1901943423			15.0	0.0	15.0
7	21066021796			17.5	0.0	17.5
8	21049059835			18.0	0.0	18.0

9	21139041691			15.0	0.0	15.0
10	22059040907			4.0	0.0	4.0
11	161639072410			18.0	0.0	18.0
12	161639077716			5.0	0.0	5.0
13	21119041473			14.0	0.0	14.0
14	141439056394			20.0	0.0	20.0
15	21129046729			17.0	0.0	17.0
16	21119048641			14.5	0.0	14.5
17	171739060781			13.0	0.0	13.0
18	161639068463			17.0	0.0	17.0
19	21119047630			15.5	0.0	15.5
20	161639075237			17.5	0.0	17.5
21	21109049009			9.0	0.0	9.0
22	161639065339			12.5	0.0	12.5
23	22119044803			0.0	0.0	0.0
24	161639065609			15.0	0.0	15.0
25	21069050419			17.0	0.0	17.0
26	20129051813			15.0	0.0	15.0
27	1800931794			15.0	0.0	15.0
28	21129047794			16.5	0.0	16.5
29	2179130271			19.0	0.0	19.0
30	201439056065			0.0	0.0	0.0
31	21099041475			18.0	0.0	18.0
32	21129061415			12.0	0.0	12.0
33	211539065539			17.0	0.0	17.0
34	21129045471			16.5	0.0	16.5
35	211539065010			17.0	0.0	17.0
36	211539064669			19.0	0.0	19.0
37	151539064899			17.5	0.0	17.5
38	181439044574			0.0	0.0	0.0
39	21129058730			15.0	0.0	15.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: entrepreneuriat / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			17.0	0.0	17.0
2	181839062701			18.0	0.0	18.0
3	161639069778			15.0	0.0	15.0
4	181839063643			17.0	0.0	17.0
5	171739066157			12.0	0.0	12.0
6	181839062757			17.0	0.0	17.0
7	161639078012			16.0	0.0	16.0
8	171739065290			18.0	0.0	18.0
9	171739074747			13.5	0.0	13.5
10	181839064410			18.5	0.0	18.5
11	171739072365			12.5	0.0	12.5
12	171739071175			13.0	0.0	13.0
13	171739067251			12.0	0.0	12.0
14	181839062930			18.5	0.0	18.5

15	181839062888			16.5	0.0	16.5
16	181839062941			17.5	0.0	17.5
17	171739075576			14.0	0.0	14.0
18	181839062711			19.0	0.0	19.0
19	171739066241			19.0	0.0	19.0
20	181839072646			16.5	0.0	16.5
21	171739066165			10.5	0.0	10.5
22	181839062732			19.0	0.0	19.0
23	171739080534			12.0	0.0	12.0
24	171739073792			14.5	0.0	14.5
25	161639083911			8.0	0.0	8.0
26	171739064104			8.0	0.0	8.0
27	171739073677			18.0	0.0	18.0
28	171739066082			16.0	0.0	16.0
29	171739080875			15.0	0.0	15.0
30	171739066122			13.0	0.0	13.0
31	171739068225			17.0	0.0	17.0
32	171739064384			18.0	0.0	18.0
33	181839063011			20.0	0.0	20.0
34	181839063119			20.0	0.0	20.0
35	171739066687			12.0	0.0	12.0
36	211439058633			20.0	0.0	20.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** entrepreneuriat / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			17.0	0.0	17.0
2	181839064517			16.5	0.0	16.5
3	181839066444			18.0	0.0	18.0
4	2298094500			12.0	0.0	12.0
5	181839064800			17.5	0.0	17.5
6	181839066176			15.5	0.0	15.5
7	181839064803			16.0	0.0	16.0
8	181839065665			17.0	0.0	17.0
9	181839064396			19.5	0.0	19.5
10	181839064402			18.0	0.0	18.0
11	181839064403			15.5	0.0	15.5
12	181839064509			20.0	0.0	20.0
13	181839064397			18.5	0.0	18.5
14	181839064524			19.0	0.0	19.0
15	181839064466			18.0	0.0	18.0
16	181839066296			16.0	0.0	16.0
17	181839064449			18.5	0.0	18.5
18	181839066204			19.0	0.0	19.0
19	181839063684			14.0	0.0	14.0
20	181839066302			19.0	0.0	19.0
21	181839064452			17.5	0.0	17.5
22	181839066281			19.0	0.0	19.0
23	181839066450			16.5	0.0	16.5
24	181839063914			20.0	0.0	20.0
25	181839066303			19.0	0.0	19.0
26	181839068853			16.5	0.0	16.5
27	181839064420			16.5	0.0	16.5
28	181839064881			17.5	0.0	17.5
29	181839066440			18.0	0.0	18.0
30	181839064429			16.5	0.0	16.5
31	181839063659			20.0	0.0	20.0
32	181839063985			17.0	0.0	17.0
33	181839064547			17.0	0.0	17.0
34	151539064689			0.0	0.0	0.0
35	21109049068			11.5	0.0	11.5
36	22129052414			13.5	0.0	13.5
37	141439055946			0.0	0.0	0.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: entreprenariat / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			18.0	0.0	18.0
2	181839068219			18.0	0.0	18.0
3	181839067945			19.0	0.0	19.0
4	181839067838			20.0	0.0	20.0
5	181839068260			20.0	0.0	20.0
6	181839066944			18.5	0.0	18.5
7	181839066966			17.5	0.0	17.5
8	181839067554			20.0	0.0	20.0
9	181839067890			18.0	0.0	18.0
10	181839064816			14.0	0.0	14.0
11	181839068918			20.0	0.0	20.0
12	181839068789			18.0	0.0	18.0

13	181839066955			20.0	0.0	20.0
14	181839069336			0.0	0.0	0.0
15	181839068941			16.5	0.0	16.5
16	181839068926			20.0	0.0	20.0
17	181839064526			14.0	0.0	14.0
18	181839067051			17.0	0.0	17.0
19	181839069346			16.5	0.0	16.5
20	181839067826			15.5	0.0	15.5
21	181839068333			18.5	0.0	18.5
22	181839068335			18.5	0.0	18.5
23	181839068836			16.5	0.0	16.5
24	181839067841			19.0	0.0	19.0
25	181839067003			14.5	0.0	14.5
26	181839067481			18.0	0.0	18.0
27	181839068221			18.0	0.0	18.0
28	181839067016			20.0	0.0	20.0
29	181839062746			17.0	0.0	17.0
30	181839069316			17.5	0.0	17.5
31	181839068876			15.5	0.0	15.5
32	181839068269			20.0	0.0	20.0
33	181839068858			4.0	0.0	4.0
34	181839067556			19.0	0.0	19.0

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Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** entrepreneuriat / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			20.0	0.0	20.0
2	181839069754			14.5	0.0	14.5
3	181839071519			18.0	0.0	18.0
4	181839071958			17.5	0.0	17.5
5	181839071434			18.0	0.0	18.0
6	181839070253			19.0	0.0	19.0
7	181839070616			19.0	0.0	19.0
8	181839071850			17.0	0.0	17.0
9	181839071056			16.5	0.0	16.5
10	181839070252			19.0	0.0	19.0
11	181839072962			19.0	0.0	19.0
12	2201942916			12.0	0.0	12.0
13	181839071453			18.5	0.0	18.5
14	181839072287			18.0	0.0	18.0
15	181839072307			20.0	0.0	20.0
16	181839070630			18.0	0.0	18.0
17	181839071417			20.0	0.0	20.0
18	181839071538			17.0	0.0	17.0
19	181839071092			19.0	0.0	19.0
20	181839071113			16.5	0.0	16.5
21	181839071100			16.5	0.0	16.5
22	181839071057			19.0	0.0	19.0
23	181839071116			19.5	0.0	19.5
24	181839070706			15.5	0.0	15.5
25	181839071018			17.0	0.0	17.0
26	181839071077			19.0	0.0	19.0
27	181839071516			16.0	0.0	16.0
28	171739073702			18.0	0.0	18.0
29	181839071584			17.0	0.0	17.0
30	181839069797			20.0	0.0	20.0
31	181839069827			20.0	0.0	20.0
32	181839072236			17.0	0.0	17.0
33	221339052161			0.0	0.0	0.0

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Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: hygiène et sécurité en laboratoire de biologie / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			7.25	12.5	9.35
2	21119045490			9.75	16.0	12.25
3	21109048666			8.75	15.0	11.25
4	161639068024			8.0	15.0	10.8
5	22049043204			13.75	15.5	14.45
6	1901943423			10.6	10.6	10.6
7	21066021796			12.0	13.0	12.4
8	21049059835			11.75	13.0	12.25

9	21139041691			6.75	15.5	10.25
10	22059040907			7.75	11.5	9.25
11	161639072410			4.0	15.5	8.6
12	161639077716			4.5	13.0	7.9
13	21119041473			6.75	16.0	10.45
14	141439056394			18.0	12.5	15.8
15	21129046729			10.0	12.5	11.0
16	21119048641			6.75	12.5	9.05
17	171739060781			8.75	15.0	11.25
18	161639068463			9.0	15.5	11.6
19	21119047630			11.0	15.0	12.6
20	161639075237			11.0	11.0	11.0
21	21109049009			7.0	13.0	9.4
22	161639065339			10.0	10.0	10.0
23	22119044803			0.0	15.5	6.2
24	161639065609			4.25	12.5	7.55
25	21069050419			9.75	16.0	12.25
26	20129051813			13.25	11.5	12.55
27	1800931794			0.0	0.0	0.0
28	21129047794			9.25	12.5	10.55
29	2179130271			14.0	16.0	14.8
30	201439056065			0.0	0.0	0.0
31	21099041475			8.0	12.5	9.8
32	21129061415			8.75	16.0	11.65
33	211539065539			9.75	15.0	11.85
34	21129045471			11.75	12.5	12.05
35	211539065010			16.75	12.5	15.05
36	211539064669			14.25	12.5	13.55
37	151539064899			9.75	11.5	10.45
38	181439044574			0.0	0.0	0.0
39	21129058730			8.75	13.0	10.45

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2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: hygiène et sécurité en laboratoire de biologie / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			7.0	13.5	9.6
2	181839062701			9.25	11.0	9.95
3	161639069778			11.0	13.5	12.0
4	181839063643			11.5	13.5	12.3
5	171739066157			9.75	13.0	11.05
6	181839062757			13.0	16.0	14.2
7	161639078012			11.0	11.0	11.0
8	171739065290			10.0	16.0	12.4
9	171739074747			0.0	0.0	0.0
10	181839064410			9.25	10.5	9.75
11	171739072365			15.5	15.5	15.5
12	171739071175			12.0	12.0	12.0
13	171739067251			6.25	13.0	8.95
14	181839062930			10.5	15.0	12.3

15	181839062888			7.5	15.0	10.5
16	181839062941			9.75	15.0	11.85
17	171739075576			5.75	0.0	3.45
18	181839062711			11.75	15.0	13.05
19	171739066241			0.0	0.0	0.0
20	181839072646			11.5	16.0	13.3
21	171739066165			11.0	11.0	11.0
22	181839062732			11.25	16.0	13.15
23	171739080534			7.5	13.0	9.7
24	171739073792			7.0	13.5	9.6
25	161639083911			6.75	0.0	4.05
26	171739064104			0.0	8.0	3.2
27	171739073677			11.0	11.0	11.0
28	171739066082			15.25	11.0	13.55
29	171739080875			15.5	0.0	9.3
30	171739066122			7.25	13.0	9.55
31	171739068225			6.5	13.5	9.3
32	171739064384			5.0	15.0	9.0
33	181839063011			9.75	11.0	10.25
34	181839063119			13.25	11.0	12.35
35	171739066687			0.0	0.0	0.0
36	211439058633			14.25	13.5	13.95

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Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** hygiène et sécurité en laboratoire de biologie / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			8.0	12.5	9.8
2	181839064517			6.75	12.0	8.85
3	181839066444			5.75	16.0	9.85
4	2298094500			11.0	11.0	11.0
5	181839064800			8.5	12.5	10.1
6	181839066176			12.5	16.0	13.9
7	181839064803			12.5	12.5	12.5
8	181839065665			8.0	12.5	9.8
9	181839064396			9.25	13.0	10.75
10	181839064402			8.75	13.0	10.45
11	181839064403			7.25	13.0	9.55
12	181839064509			12.75	10.5	11.85
13	181839064397			8.0	10.5	9.0
14	181839064524			8.75	12.0	10.05
15	181839064466			9.5	11.0	10.1
16	181839066296			8.5	16.0	11.5
17	181839064449			11.25	13.0	11.95
18	181839066204			8.25	11.0	9.35
19	181839063684			11.0	12.5	11.6
20	181839066302			9.25	16.0	11.95
21	181839064452			7.0	12.0	9.0
22	181839066281			13.5	16.0	14.5
23	181839066450			9.25	16.0	11.95
24	181839063914			10.0	12.0	10.8
25	181839066303			9.0	16.0	11.8
26	181839068853			7.5	16.0	10.9
27	181839064420			9.75	12.0	10.65
28	181839064881			13.75	13.5	13.65
29	181839066440			9.25	16.0	11.95
30	181839064429			10.0	10.5	10.2
31	181839063659			11.75	12.0	11.85
32	181839063985			9.5	12.5	10.7
33	181839064547			12.25	13.0	12.55
34	151539064689			0.0	0.0	0.0
35	21109049068			8.75	13.5	10.65
36	22129052414			13.75	10.5	12.45
37	141439055946			0.0	0.0	0.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: hygiène et sécurité en laboratoire de biologie / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			11.75	10.0	11.05
2	181839068219			10.5	12.5	11.3
3	181839067945			7.5	10.0	8.5
4	181839067838			13.0	10.0	11.8
5	181839068260			13.0	12.5	12.8
6	181839066944			11.5	12.5	11.9
7	181839066966			12.5	16.0	13.9
8	181839067554			14.0	12.5	13.4
9	181839067890			9.5	14.5	11.5
10	181839064816			5.5	16.0	9.7
11	181839068918			12.25	11.5	11.95
12	181839068789			12.75	16.5	14.25

13	181839066955			6.5	12.5	8.9
14	181839069336			7.75	13.0	9.85
15	181839068941			11.75	11.5	11.65
16	181839068926			13.25	12.5	12.95
17	181839064526			14.0	16.0	14.8
18	181839067051			10.25	12.5	11.15
19	181839069346			12.5	16.5	14.1
20	181839067826			10.5	14.5	12.1
21	181839068333			10.0	13.0	11.2
22	181839068335			9.25	13.0	10.75
23	181839068836			11.25	16.5	13.35
24	181839067841			8.75	10.0	9.25
25	181839067003			10.75	12.5	11.45
26	181839067481			10.5	10.0	10.3
27	181839068221			6.0	13.0	8.8
28	181839067016			7.5	12.5	9.5
29	181839062746			11.0	16.0	13.0
30	181839069316			13.75	11.5	12.85
31	181839068876			7.0	16.5	10.8
32	181839068269			7.25	13.0	9.55
33	181839068858			10.0	13.0	11.2
34	181839067556			11.5	12.5	11.9

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** hygiène et sécurité en laboratoire de biologie / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			8.0	14.5	10.6
2	181839069754			11.0	13.5	12.0
3	181839071519			11.5	15.5	13.1
4	181839071958			10.0	13.5	11.4
5	181839071434			10.5	14.0	11.9
6	181839070253			9.5	14.5	11.5
7	181839070616			13.25	15.0	13.95
8	181839071850			6.0	14.5	9.4
9	181839071056			7.0	13.0	9.4
10	181839070252			9.5	14.5	11.5
11	181839072962			10.25	14.5	11.95
12	2201942916			11.5	16.0	13.3
13	181839071453			14.25	14.0	14.15
14	181839072287			8.25	11.0	9.35
15	181839072307			9.0	15.5	11.6
16	181839070630			15.0	15.0	15.0
17	181839071417			7.25	15.5	10.55
18	181839071538			10.0	15.5	12.2
19	181839071092			10.75	15.0	12.45
20	181839071113			11.0	13.0	11.8
21	181839071100			13.75	15.5	14.45
22	181839071057			11.5	15.5	13.1
23	181839071116			11.5	15.0	12.9
24	181839070706			7.0	14.5	10.0
25	181839071018			9.5	15.0	11.7
26	181839071077			4.5	15.0	8.7
27	181839071516			7.5	14.0	10.1
28	171739073702			11.5	15.0	12.9
29	181839071584			10.75	14.0	12.05
30	181839069797			13.25	15.0	13.95
31	181839069827			12.75	15.0	13.65
32	181839072236			5.0	11.0	7.4
33	221339052161			0.0	0.0	0.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: méthodologie de la rédaction scientifique / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			8.0	0.0	8.0
2	21119045490			6.0	0.0	6.0
3	21109048666			18.0	0.0	18.0
4	161639068024			5.0	0.0	5.0
5	22049043204			20.0	0.0	20.0
6	1901943423			0.0	0.0	0.0
7	21066021796			15.5	0.0	15.5
8	21049059835			11.5	0.0	11.5

9	21139041691			5.0	0.0	5.0
10	22059040907			5.0	0.0	5.0
11	161639072410			15.0	0.0	15.0
12	161639077716			3.0	0.0	3.0
13	21119041473			8.0	0.0	8.0
14	141439056394			19.0	0.0	19.0
15	21129046729			7.0	0.0	7.0
16	21119048641			6.0	0.0	6.0
17	171739060781			14.0	0.0	14.0
18	161639068463			11.5	0.0	11.5
19	21119047630			15.5	0.0	15.5
20	161639075237			13.0	0.0	13.0
21	21109049009			2.0	0.0	2.0
22	161639065339			12.5	0.0	12.5
23	22119044803			0.0	0.0	0.0
24	161639065609			9.0	0.0	9.0
25	21069050419			13.0	0.0	13.0
26	20129051813			10.0	0.0	10.0
27	1800931794			0.0	0.0	0.0
28	21129047794			15.0	0.0	15.0
29	2179130271			13.0	0.0	13.0
30	201439056065			0.0	0.0	0.0
31	21099041475			11.5	0.0	11.5
32	21129061415			5.0	0.0	5.0
33	211539065539			17.0	0.0	17.0
34	21129045471			10.0	0.0	10.0
35	211539065010			14.0	0.0	14.0
36	211539064669			14.0	0.0	14.0
37	151539064899			17.0	0.0	17.0
38	181439044574			0.0	0.0	0.0
39	21129058730			9.0	0.0	9.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: méthodologie de la rédaction scientifique / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			8.0	0.0	8.0
2	181839062701			8.0	0.0	8.0
3	161639069778			15.5	0.0	15.5
4	181839063643			3.0	0.0	3.0
5	171739066157			3.0	0.0	3.0
6	181839062757			16.0	0.0	16.0
7	161639078012			0.0	0.0	0.0
8	171739065290			9.0	0.0	9.0
9	171739074747			0.0	0.0	0.0
10	181839064410			9.0	0.0	9.0
11	171739072365			5.0	0.0	5.0
12	171739071175			13.0	0.0	13.0
13	171739067251			11.5	0.0	11.5
14	181839062930			17.5	0.0	17.5

15	181839062888			16.5	0.0	16.5
16	181839062941			15.0	0.0	15.0
17	171739075576			6.0	0.0	6.0
18	181839062711			16.5	0.0	16.5
19	171739066241			16.0	0.0	16.0
20	181839072646			17.0	0.0	17.0
21	171739066165			15.5	0.0	15.5
22	181839062732			11.5	0.0	11.5
23	171739080534			5.0	0.0	5.0
24	171739073792			5.0	0.0	5.0
25	161639083911			5.0	0.0	5.0
26	171739064104			0.5	0.0	0.5
27	171739073677			11.0	0.0	11.0
28	171739066082			9.0	0.0	9.0
29	171739080875			7.0	0.0	7.0
30	171739066122			8.0	0.0	8.0
31	171739068225			12.5	0.0	12.5
32	171739064384			16.0	0.0	16.0
33	181839063011			16.0	0.0	16.0
34	181839063119			19.0	0.0	19.0
35	171739066687			10.5	0.0	10.5
36	211439058633			15.5	0.0	15.5

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** méthodologie de la rédaction scientifique / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			16.0	0.0	16.0
2	181839064517			17.5	0.0	17.5
3	181839066444			16.0	0.0	16.0
4	2298094500			11.0	0.0	11.0
5	181839064800			16.0	0.0	16.0
6	181839066176			11.0	0.0	11.0
7	181839064803			13.0	0.0	13.0
8	181839065665			10.0	0.0	10.0
9	181839064396			11.0	0.0	11.0
10	181839064402			16.0	0.0	16.0
11	181839064403			11.0	0.0	11.0
12	181839064509			18.0	0.0	18.0
13	181839064397			8.0	0.0	8.0
14	181839064524			18.0	0.0	18.0
15	181839064466			9.0	0.0	9.0
16	181839066296			17.5	0.0	17.5
17	181839064449			10.0	0.0	10.0
18	181839066204			7.0	0.0	7.0
19	181839063684			12.0	0.0	12.0
20	181839066302			17.5	0.0	17.5
21	181839064452			18.0	0.0	18.0
22	181839066281			19.0	0.0	19.0
23	181839066450			8.0	0.0	8.0
24	181839063914			8.0	0.0	8.0
25	181839066303			11.0	0.0	11.0
26	181839068853			8.0	0.0	8.0
27	181839064420			14.0	0.0	14.0
28	181839064881			15.0	0.0	15.0
29	181839066440			17.5	0.0	17.5
30	181839064429			8.0	0.0	8.0
31	181839063659			16.5	0.0	16.5
32	181839063985			15.0	0.0	15.0
33	181839064547			20.0	0.0	20.0
34	151539064689			0.0	0.0	0.0
35	21109049068			3.0	0.0	3.0
36	22129052414			12.0	0.0	12.0
37	141439055946			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: méthodologie de la rédaction scientifique / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			18.0	0.0	18.0
2	181839068219			11.0	0.0	11.0
3	181839067945			12.0	0.0	12.0
4	181839067838			17.0	0.0	17.0
5	181839068260			15.5	0.0	15.5
6	181839066944			16.0	0.0	16.0
7	181839066966			15.0	0.0	15.0
8	181839067554			20.0	0.0	20.0
9	181839067890			11.0	0.0	11.0
10	181839064816			7.0	0.0	7.0
11	181839068918			18.0	0.0	18.0
12	181839068789			19.0	0.0	19.0

13	181839066955			14.0	0.0	14.0
14	181839069336			3.0	0.0	3.0
15	181839068941			14.0	0.0	14.0
16	181839068926			16.5	0.0	16.5
17	181839064526			7.0	0.0	7.0
18	181839067051			15.5	0.0	15.5
19	181839069346			9.0	0.0	9.0
20	181839067826			14.5	0.0	14.5
21	181839068333			16.0	0.0	16.0
22	181839068335			16.0	0.0	16.0
23	181839068836			14.0	0.0	14.0
24	181839067841			13.0	0.0	13.0
25	181839067003			9.0	0.0	9.0
26	181839067481			12.0	0.0	12.0
27	181839068221			5.0	0.0	5.0
28	181839067016			10.0	0.0	10.0
29	181839062746			11.5	0.0	11.5
30	181839069316			19.0	0.0	19.0
31	181839068876			11.0	0.0	11.0
32	181839068269			15.0	0.0	15.0
33	181839068858			15.0	0.0	15.0
34	181839067556			15.0	0.0	15.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** méthodologie de la rédaction scientifique / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			10.0	0.0	10.0
2	181839069754			15.0	0.0	15.0
3	181839071519			11.0	0.0	11.0
4	181839071958			16.0	0.0	16.0
5	181839071434			17.0	0.0	17.0
6	181839070253			18.0	0.0	18.0
7	181839070616			18.0	0.0	18.0
8	181839071850			9.0	0.0	9.0
9	181839071056			10.0	0.0	10.0
10	181839070252			18.0	0.0	18.0
11	181839072962			17.0	0.0	17.0
12	2201942916			17.0	0.0	17.0
13	181839071453			17.5	0.0	17.5
14	181839072287			11.5	0.0	11.5
15	181839072307			11.0	0.0	11.0
16	181839070630			17.0	0.0	17.0
17	181839071417			16.5	0.0	16.5
18	181839071538			14.5	0.0	14.5
19	181839071092			11.0	0.0	11.0
20	181839071113			16.5	0.0	16.5
21	181839071100			16.5	0.0	16.5
22	181839071057			20.0	0.0	20.0
23	181839071116			20.0	0.0	20.0
24	181839070706			14.5	0.0	14.5
25	181839071018			11.0	0.0	11.0
26	181839071077			7.0	0.0	7.0
27	181839071516			14.0	0.0	14.0
28	171739073702			19.0	0.0	19.0
29	181839071584			18.0	0.0	18.0
30	181839069797			17.5	0.0	17.5
31	181839069827			17.0	0.0	17.0
32	181839072236			9.0	0.0	9.0
33	221339052161			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: structure et fonction des macromolécules / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	161639065331			3.0	11.13	6.25
2	21119045490			7.0	9.33	7.93
3	21109048666			5.5	14.0	8.9
4	161639068024			7.25	11.55	8.97
5	22049043204			12.75	13.9	13.21
6	1901943423			0.0	0.0	0.0
7	21066021796			10.0	11.45	10.58
8	21049059835			9.0	9.55	9.22

9	21139041691			8.0	9.95	8.78
10	22059040907			7.0	11.93	8.97
11	161639072410			9.75	14.08	11.48
12	161639077716			6.5	9.28	7.61
13	21119041473			9.5	15.38	11.85
14	141439056394			18.0	19.1	18.44
15	21129046729			7.25	11.0	8.75
16	21119048641			5.5	9.6	7.14
17	171739060781			6.25	10.4	7.91
18	161639068463			4.0	11.65	7.06
19	21119047630			8.25	11.38	9.5
20	161639075237			0.0	0.0	0.0
21	21109049009			7.0	8.03	7.41
22	161639065339			10.75	10.75	10.75
23	22119044803			0.0	8.7	3.48
24	161639065609			4.5	11.18	7.17
25	21069050419			7.25	8.25	7.65
26	20129051813			7.75	7.6	7.69
27	1800931794			0.0	0.0	0.0
28	21129047794			4.75	12.9	8.01
29	2179130271			12.0	14.0	12.8
30	201439056065			0.0	0.0	0.0
31	21099041475			3.25	8.65	5.41
32	21129061415			2.25	9.98	5.34
33	211539065539			4.25	13.28	7.86
34	21129045471			8.75	12.6	10.29
35	211539065010			11.5	12.6	11.94
36	211539064669			11.25	12.98	11.94
37	151539064899			2.0	9.68	5.07
38	181439044574			0.0	0.0	0.0
39	21129058730			4.5	10.7	6.98

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: structure et fonction des macromolécules / A / 2

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839067855			4.25	12.85	7.69
2	181839062701			6.0	10.53	7.81
3	161639069778			10.5	12.73	11.39
4	181839063643			8.0	9.73	8.69
5	171739066157			3.5	8.35	5.44
6	181839062757			7.0	11.03	8.61
7	161639078012			0.0	0.0	0.0
8	171739065290			7.0	11.63	8.85
9	171739074747			0.0	0.0	0.0
10	181839064410			0.0	0.0	0.0
11	171739072365			3.25	9.93	5.92
12	171739071175			8.04	8.04	8.04
13	171739067251			6.0	7.58	6.63
14	181839062930			9.75	13.2	11.13

15	181839062888			7.25	12.18	9.22
16	181839062941			11.0	11.75	11.3
17	171739075576			3.25	8.05	5.17
18	181839062711			9.0	12.33	10.33
19	171739066241			0.0	0.0	0.0
20	181839072646			6.0	11.5	8.2
21	171739066165			3.5	7.9	5.26
22	181839062732			3.75	12.2	7.13
23	171739080534			3.25	7.65	5.01
24	171739073792			3.5	7.35	5.04
25	161639083911			3.25	7.45	4.93
26	171739064104			0.0	14.9	5.96
27	171739073677			0.0	10.83	4.33
28	171739066082			5.0	9.75	6.9
29	171739080875			5.75	9.85	7.39
30	171739066122			5.0	8.25	6.3
31	171739068225			9.25	8.43	8.92
32	171739064384			3.75	11.0	6.65
33	181839063011			8.75	14.33	10.98
34	181839063119			14.2	14.2	14.2
35	171739066687			0.0	0.0	0.0
36	211439058633			10.25	11.43	10.72

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** structure et fonction des macromolécules / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065195			8.75	11.45	9.83
2	181839064517			11.5	10.9	11.26
3	181839066444			5.5	12.08	8.13
4	2298094500			9.5	10.5	9.9
5	181839064800			4.0	10.93	6.77
6	181839066176			3.5	8.7	5.58
7	181839064803			10.75	13.83	11.98
8	181839065665			7.0	12.18	9.07
9	181839064396			7.75	12.93	9.82
10	181839064402			3.0	12.5	6.8
11	181839064403			10.75	11.3	10.97
12	181839064509			8.0	17.8	11.92
13	181839064397			12.0	13.65	12.66
14	181839064524			12.75	12.88	12.8
15	181839064466			5.25	10.68	7.42
16	181839066296			8.5	8.38	8.45
17	181839064449			6.0	12.05	8.42
18	181839066204			4.5	9.13	6.35
19	181839063684			2.25	9.7	5.23
20	181839066302			10.25	10.5	10.35
21	181839064452			11.5	12.28	11.81
22	181839066281			13.75	14.78	14.16
23	181839066450			3.0	11.75	6.5
24	181839063914			5.0	12.38	7.95
25	181839066303			3.75	12.2	7.13
26	181839068853			6.25	9.58	7.58
27	181839064420			10.5	9.03	9.91
28	181839064881			11.25	13.75	12.25
29	181839066440			7.25	11.13	8.8
30	181839064429			12.75	14.03	13.26
31	181839063659			12.75	12.13	12.5
32	181839063985			5.0	13.18	8.27
33	181839064547			5.5	10.1	7.34
34	151539064689			0.0	0.0	0.0
35	21109049068			10.5	12.0	11.1
36	22129052414			11.75	12.15	11.91
37	141439055946			0.0	0.0	0.0

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: Biochimie appliquée

Période: Semestre 3

Matière: structure et fonction des macromolécules / A / 4

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	181839068238			4.25	13.58	7.98
2	181839068219			4.5	10.1	6.74
3	181839067945			2.5	12.7	6.58
4	181839067838			6.25	11.8	8.47
5	181839068260			2.0	13.18	6.47
6	181839066944			9.25	8.45	8.93
7	181839066966			9.0	6.25	7.9
8	181839067554			15.0	16.15	15.46
9	181839067890			5.0	12.5	8.0
10	181839064816			9.25	8.23	8.84
11	181839068918			7.5	10.2	8.58
12	181839068789			9.75	12.03	10.66

13	181839066955			3.75	11.45	6.83
14	181839069336			0.0	6.25	2.5
15	181839068941			7.0	9.35	7.94
16	181839068926			7.75	13.03	9.86
17	181839064526			3.5	7.38	5.05
18	181839067051			16.5	14.68	15.77
19	181839069346			6.75	9.73	7.94
20	181839067826			0.0	11.45	4.58
21	181839068333			11.25	15.45	12.93
22	181839068335			4.0	8.73	5.89
23	181839068836			5.0	6.93	5.77
24	181839067841			4.5	11.38	7.25
25	181839067003			3.75	7.85	5.39
26	181839067481			10.5	12.88	11.45
27	181839068221			3.25	6.18	4.42
28	181839067016			5.25	8.25	6.45
29	181839062746			2.75	12.9	6.81
30	181839069316			4.25	9.15	6.21
31	181839068876			2.5	8.93	5.07
32	181839068269			3.75	8.6	5.69
33	181839068858			8.0	6.15	7.26
34	181839067556			14.75	15.65	15.11

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Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** Biochimie appliquée**Période:** Semestre 3**Matière:** structure et fonction des macromolécules / A / 5**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839073011			6.75	13.5	9.45
2	181839069754			2.25	8.3	4.67
3	181839071519			5.0	9.68	6.87
4	181839071958			3.0	11.53	6.41
5	181839071434			9.5	9.28	9.41
6	181839070253			7.25	15.7	10.63
7	181839070616			11.25	16.75	13.45
8	181839071850			8.5	8.98	8.69
9	181839071056			4.5	8.63	6.15
10	181839070252			7.0	10.85	8.54
11	181839072962			7.5	13.63	9.95
12	2201942916			4.25	11.15	7.01
13	181839071453			16.0	13.0	14.8
14	181839072287			7.0	9.03	7.81
15	181839072307			3.25	7.85	5.09
16	181839070630			11.5	12.85	12.04
17	181839071417			3.25	8.13	5.2
18	181839071538			7.75	9.95	8.63
19	181839071092			10.75	12.25	11.35
20	181839071113			3.75	9.28	5.96
21	181839071100			3.25	12.18	6.82
22	181839071057			14.0	14.45	14.18
23	181839071116			11.5	15.75	13.2
24	181839070706			6.25	12.2	8.63
25	181839071018			5.25	9.85	7.09
26	181839071077			4.0	7.1	5.24
27	181839071516			4.25	8.45	5.93
28	171739073702			6.0	10.88	7.95
29	181839071584			5.0	11.68	7.67
30	181839069797			10.5	12.65	11.36
31	181839069827			13.5	13.88	13.65
32	181839072236			6.5	10.15	7.96
33	221339052161			0.0	0.0	0.0

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