

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 1

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	202039067111			6.0	12.4	8.56
2	212139084252			3.5	11.29	6.62
3	212139069711			3.0	11.36	6.34
4	212139068626			15.0	13.86	14.54
5	212139068736			2.0	7.96	4.38
6	212139068588			3.5	11.21	6.58
7	212139084983			13.5	16.81	14.82
8	202039071871			18.0	15.35	16.94
9	212134023109			7.5	12.66	9.56
10	191939069998			0.0	0.0	0.0
11	212139068683			11.0	15.15	12.66
12	212139058597			10.0	15.41	12.16
13	212139066947			3.5	10.01	6.1
14	212139069053			10.0	14.26	11.7
15	212139068608			10.0	15.01	12.0
16	212139068668			6.0	11.51	8.2
17	212139070495			1.0	8.2	3.88
18	202039070574			0.5	7.2	3.18
19	202039063521			0.0	3.9	1.56
20	212139079153			8.0	9.61	8.64
21	202039069714			5.0	11.44	7.58
22	212139068590			6.0	13.46	8.98
23	202039063511			16.5	17.16	16.76
24	212139068710			3.0	11.14	6.26
25	212139070916			3.0	10.21	5.88
26	212139068617			7.5	13.05	9.72
27	212139057061			11.5	13.34	12.24
28	212139068963			16.0	18.26	16.9
29	212139068657			14.5	18.09	15.94
30	212139068722			2.5	7.95	4.68
31	212139068949			1.5	10.16	4.96
32	212132001555			6.0	11.21	8.08
33	202039065139			16.5	17.4	16.86
34	212139055924			12.0	17.19	14.08
35	212139068594			4.0	8.24	5.7

36	212139068678			16.5	18.26	17.2
37	212139086757			14.0	12.81	13.52
38	212139068632			13.5	18.09	15.34
39	212139068734			7.5	11.89	9.26
40	212139069110			12.5	7.65	10.56
41	212139070874			2.0	8.19	4.48
42	202039071867			10.0	12.4	10.96
43	212139068727			14.5	13.94	14.28
44	202039062851			4.0	15.26	8.5
45	212139068864			13.0	16.76	14.5
46	21109044314			14.0	16.7	15.08

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			11.0	16.16	13.06
2	212139075388			13.5	12.81	13.22
3	212139075374			2.5	6.24	4.0
4	212139075171			9.5	13.0	10.9
5	212139075356			15.5	14.26	15.0
6	212139075299			14.5	15.25	14.8
7	212139075106			11.5	12.56	11.92
8	212139057659			6.0	11.86	8.34
9	212139075350			12.0	15.24	13.3
10	212139075210			11.5	15.05	12.92
11	212139055716			10.0	10.15	10.06
12	212139075096			11.0	15.56	12.82
13	212139075163			7.0	9.05	7.82
14	212139075255			10.5	13.21	11.58

15	212139075109			17.0	15.35	16.34
16	212139075174			3.5	5.94	4.48
17	202039062021			0.0	0.0	0.0
18	212139075466			10.5	10.45	10.48
19	212139075383			10.0	6.84	8.74
20	202039067771			0.0	0.0	0.0
21	212139075108			6.0	8.86	7.14
22	212139075176			8.0	8.71	8.28
23	212139075322			16.0	15.44	15.78
24	212139075184			4.0	8.35	5.74
25	212139075169			1.5	6.16	3.36
26	212139075197			19.0	16.44	17.98
27	212139075245			3.0	8.61	5.24
28	212139075395			5.5	7.14	6.16
29	212139075179			10.0	14.01	11.6
30	212139078243			9.0	12.2	10.28
31	212139075400			14.5	14.54	14.52
32	212139075143			11.5	7.74	10.0
33	212139075365			10.0	13.89	11.56
34	212139075258			13.0	17.41	14.76
35	212139075380			14.0	12.64	13.46
36	212139075418			11.5	13.95	12.48
37	212139078219			6.0	10.45	7.78
38	212139075250			3.0	8.01	5.0
39	212139075248			12.0	12.19	12.08
40	212139075306			9.0	11.51	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			9.5	11.2	10.18
2	212139076561			3.5	8.81	5.62
3	212139076636			10.5	10.81	10.62
4	212139076066			20.0	15.54	18.22
5	212139075680			3.0	6.85	4.54
6	212139075679			12.0	7.7	10.28
7	212139076098			11.5	11.46	11.48
8	212139076128			8.5	9.15	8.76
9	212139076591			12.5	14.66	13.36
10	212139075691			9.0	9.44	9.18
11	212139076090			13.5	13.21	13.38
12	212139075719			9.0	10.0	9.4
13	212139076065			11.0	10.35	10.74
14	212139076510			13.5	10.86	12.44
15	202039070615			0.0	0.0	0.0
16	212139075732			7.5	13.61	9.94
17	212139075722			15.0	15.24	15.1
18	212139076602			13.0	14.61	13.64
19	212139076560			11.0	10.19	10.68
20	212139073253			2.0	2.8	2.32
21	212139076141			15.5	10.75	13.6
22	212139076642			4.5	11.89	7.46
23	212139075688			7.5	8.6	7.94
24	212139075730			9.5	11.76	10.4
25	212139068870			6.0	9.5	7.4
26	212139075742			15.0	17.51	16.0
27	212139076088			4.0	10.79	6.72
28	212139075729			12.0	12.51	12.2
29	212139076545			8.0	11.46	9.38
30	212139076508			3.5	9.61	5.94
31	212139076564			0.0	7.71	3.08
32	212139075684			8.5	8.24	8.4
33	212139076647			12.0	10.51	11.4
34	212139075816			11.0	11.34	11.14
35	212139066895			0.5	6.89	3.06
36	212139076646			10.0	11.06	10.42
37	212139075839			13.0	14.54	13.62
38	212139068593			1.0	9.5	4.4
39	212139076064			10.5	12.9	11.46

40	212139076558			5.5	8.99	6.9
41	212139075717			10.0	16.41	12.56
42	212139076569			13.5	14.59	13.94

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			6.0	15.69	9.88
2	212139077363			8.0	14.9	10.76
3	212139077021			13.5	14.71	13.98
4	212139077022			2.0	11.11	5.64
5	212139078162			3.5	13.94	7.68
6	212139077036			11.5	9.91	10.86
7	212139077444			6.0	13.04	8.82
8	212139077408			17.0	17.65	17.26
9	212139077007			7.0	11.99	9.0
10	212139077440			13.0	17.99	15.0
11	212139077516			7.5	12.5	9.5
12	212139077364			7.5	16.45	11.08
13	212139077345			7.0	8.61	7.64
14	212139076998			15.0	14.15	14.66

15	212139076940			6.5	9.41	7.66
16	212139076986			6.5	11.81	8.62
17	212139077041			9.5	11.56	10.32
18	212139077394			6.5	9.46	7.68
19	212139077451			13.0	16.79	14.52
20	212139077441			17.5	16.09	16.94
21	212139076942			14.0	14.86	14.34
22	212139077420			17.0	17.59	17.24
23	212139077004			1.0	9.14	4.26
24	212139077410			7.5	17.96	11.68
25	212139078154			7.5	12.4	9.46
26	171739074249			6.0	13.09	8.84
27	212139077367			12.5	15.46	13.68
28	212139077344			12.0	14.79	13.12
29	212139076995			17.5	17.2	17.38
30	212139077405			12.0	13.66	12.66
31	212139076957			1.5	8.2	4.18
32	212139076962			15.5	12.79	14.42
33	212139076983			12.5	15.39	13.66
34	212139077034			14.0	15.95	14.78
35	212139076931			5.0	11.31	7.52
36	212139076960			10.0	15.66	12.26
37	212139076937			5.5	10.99	7.7
38	212139076946			11.5	12.86	12.04
39	212139076994			10.0	15.39	12.16
40	202039049806			12.0	11.86	11.94
41	212139077006			11.5	12.89	12.06
42	212139077450			4.5	10.99	7.1
43	212139077539			13.0	17.16	14.66
44	212139077035			9.0	10.91	9.76
45	212139076954			10.0	12.6	11.04

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			6.0	10.85	7.94
2	212139078239			7.0	13.75	9.7
3	212139077839			3.0	12.15	6.66
4	212139078200			6.5	17.7	10.98
5	212139077531			3.0	6.9	4.56
6	212139077437			6.5	10.2	7.98
7	212139075187			1.0	9.05	4.22
8	212139078253			2.0	9.9	5.16
9	212139078208			18.0	12.5	15.8
10	212139077449			10.5	15.0	12.3
11	212139078412			15.0	13.75	14.5
12	212139077802			18.0	14.15	16.46
13	212139077847			6.5	9.9	7.86
14	212139075390			16.5	16.1	16.34
15	212139077803			1.0	7.1	3.44
16	212139078141			11.0	14.1	12.24
17	212139077916			3.0	8.1	5.04
18	212139077904			2.0	9.05	4.82
19	212139078131			8.0	14.0	10.4
20	212139077455			4.0	7.4	5.36
21	212139077787			5.0	6.9	5.76
22	212139078191			11.5	13.55	12.32
23	212139078147			11.0	10.35	10.74
24	212139078179			0.0	5.95	2.38
25	202039070867			2.5	7.45	4.48
26	212139069741			0.0	0.0	0.0
27	212139077476			2.5	6.2	3.98
28	212139077521			10.0	13.75	11.5
29	202039070052			7.0	11.1	8.64
30	212139077390			3.5	9.1	5.74
31	212139078206			9.0	13.1	10.64
32	212139078121			10.0	10.9	10.36
33	212139078151			3.5	7.0	4.9
34	212139078119			1.0	7.9	3.76
35	212139078220			4.0	11.65	7.06
36	212139077487			5.5	13.8	8.82
37	212139078240			10.0	11.7	10.68
38	212139078442			14.5	10.65	12.96
39	212139078599			10.0	11.0	10.4

40	212139077361			5.0	8.8	6.52
41	22109041891			2.0	8.6	4.64

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			11.5	15.06	12.92
2	212139078885			12.0	10.86	11.54
3	212139078913			10.5	12.7	11.38
4	212139078827			6.5	11.25	8.4
5	212139078822			5.5	9.1	6.94
6	212139078934			0.0	0.0	0.0
7	212139079259			12.0	15.81	13.52
8	212139078884			10.0	14.09	11.64
9	212139078870			3.5	11.41	6.66
10	212139079258			6.5	14.51	9.7
11	212139078879			8.5	10.36	9.24
12	212139083789			7.0	13.31	9.52
13	212139079232			14.0	16.6	15.04
14	212139078926			9.5	8.69	9.18

15	212139078849			13.0	14.09	13.44
16	212139084572			6.0	9.49	7.4
17	212139078623			7.0	14.2	9.88
18	212139084194			4.5	9.3	6.42
19	212139078631			10.5	15.4	12.46
20	212139078882			8.5	12.79	10.22
21	212139078993			11.0	14.95	12.58
22	212139078590			4.5	10.11	6.74
23	212139084004			15.0	15.26	15.1
24	212139083753			12.5	15.0	13.5
25	212139079244			11.5	13.7	12.38
26	212139079457			12.5	12.39	12.46
27	212139079124			18.0	15.66	17.06
28	202039068458			0.0	0.0	0.0
29	212139079511			16.5	16.49	16.5
30	212139078929			10.0	11.0	10.4
31	212139078977			7.0	11.24	8.7
32	212139078902			15.0	15.31	15.12
33	212139084039			13.0	10.06	11.82
34	212139079286			9.5	16.5	12.3
35	212139079136			10.5	11.89	11.06
36	212139079122			12.0	15.59	13.44
37	212139078979			15.5	15.81	15.62
38	212139079426			13.0	14.71	13.68
39	212139072714			1.0	7.89	3.76
40	181839072974			17.0	13.59	15.64
41	212139078919			4.5	10.59	6.94

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			4.0	15.5	8.6
2	212139068944			9.5	14.5	11.5
3	212139068803			15.5	14.1	14.94
4	202039065303			0.0	0.0	0.0
5	212139069059			7.0	14.2	9.88
6	212139068955			14.0	16.0	14.8
7	212139068833			11.0	14.1	12.24
8	212139068790			10.5	15.5	12.5
9	212139069007			7.0	10.19	8.28
10	212139069136			12.0	13.78	12.71
11	212139069006			11.0	10.79	10.92
12	212139072663			9.0	15.35	11.54
13	212139069026			14.5	14.28	14.41
14	212139068621			14.0	17.98	15.59
15	212139068739			13.0	14.61	13.64
16	212139068762			8.5	13.58	10.53
17	212139068956			9.0	14.35	11.14
18	212139069024			15.5	15.53	15.51
19	212139069935			11.0	15.25	12.7
20	212139069014			5.5	10.83	7.63
21	212139068922			3.5	12.88	7.25
22	212139069083			12.5	15.98	13.89
23	212139068624			1.0	10.49	4.8
24	212139068810			6.0	15.04	9.62
25	212139071353			0.0	8.28	3.31
26	212139078171			8.0	11.83	9.53
27	212139068857			14.0	13.7	13.88
28	202039076696			3.5	6.45	4.68
29	212139069035			8.0	15.1	10.84
30	212139068799			14.0	17.88	15.55
31	212139068863			12.0	16.6	13.84
32	212139068587			7.0	11.0	8.6
33	212139069022			12.0	13.2	12.48
34	212139069013			9.0	12.85	10.54
35	171734024835			0.0	0.0	0.0
36	212139068741			8.0	15.55	11.02
37	212139069040			8.0	14.95	10.78
38	212139068911			12.5	14.9	13.46
39	212139068768			10.0	16.84	12.74

40	212139068793			4.0	15.69	8.68
41	212139068700			1.0	8.48	3.99
42	212139069213			5.0	10.13	7.05
43	212139068858			11.5	16.63	13.55

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			16.0	14.25	15.3
2	212139069945			6.5	8.1	7.14
3	212139069266			12.0	10.75	11.5
4	212139069089			17.0	14.18	15.87
5	212139069115			7.0	13.08	9.43
6	212139069953			16.0	16.0	16.0
7	202039071631			2.0	0.0	1.2
8	212139070837			8.0	10.07	8.83
9	202039065524			12.0	12.78	12.31
10	212139068893			6.0	7.1	6.44
11	212139069678			2.0	9.65	5.06
12	212139069677			3.0	9.63	5.65
13	212139068735			7.5	12.25	9.4
14	212139069875			8.0	10.9	9.16

15	212139069896			0.0	8.03	3.21
16	212139069186			6.0	10.6	7.84
17	212139069125			5.0	8.05	6.22
18	212139069714			2.5	10.4	5.66
19	212139069612			9.0	8.28	8.71
20	212139069718			14.0	12.45	13.38
21	212139071786			13.0	12.78	12.91
22	212139069956			12.0	15.3	13.32
23	212139069777			10.0	14.63	11.85
24	212139069976			10.0	11.3	10.52
25	212139069847			6.0	12.43	8.57
26	212139069161			13.5	14.48	13.89
27	212139069060			2.5	7.3	4.42
28	212139069068			15.0	15.25	15.1
29	212139069910			7.0	9.2	7.88
30	212139069233			12.5	16.0	13.9
31	212139069909			14.5	14.5	14.5
32	212139069127			8.5	13.0	10.3
33	212139069868			12.5	13.57	12.93
34	212139069774			11.0	12.75	11.7
35	212139069639			6.0	9.1	7.24
36	212139069866			4.5	7.0	5.5
37	212139069109			8.0	12.43	9.77
38	212139069676			8.0	14.6	10.64
39	212139069069			5.0	10.7	7.28
40	212139069762			6.5	10.48	8.09
41	212139069681			10.5	14.75	12.2
42	212139074538			6.5	7.6	6.94
43	212139069695			11.0	11.73	11.29
44	212139068677			3.0	7.28	4.71

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			1.5	7.99	4.1
2	212139070449			13.0	13.26	13.1
3	212139070466			12.0	7.95	10.38
4	212139068801			11.0	11.84	11.34
5	212139070395			9.0	15.89	11.76
6	212139070481			9.0	10.26	9.5
7	212139069962			8.5	11.71	9.78
8	212139069955			13.5	16.19	14.58
9	212139070068			7.0	13.1	9.44
10	212139070538			7.0	12.09	9.04
11	212139070491			8.0	12.8	9.92
12	212139070372			8.5	14.1	10.74
13	212139070478			5.5	8.23	6.59
14	212139069879			15.0	11.7	13.68
15	212139070470			17.5	14.0	16.1
16	212139070370			12.5	17.01	14.3
17	212139070396			4.0	8.2	5.68
18	212139070575			11.5	13.38	12.25
19	212139070460			7.0	11.39	8.76
20	212139070406			12.5	12.77	12.61
21	212139070475			2.0	8.89	4.76
22	212139069928			8.0	14.46	10.58
23	212139069864			13.0	14.18	13.47
24	212139073658			3.0	4.71	3.68
25	212139070424			15.5	13.52	14.71
26	212139070568			5.0	9.45	6.78
27	212139070584			19.0	16.63	18.05
28	212139070403			10.0	13.62	11.45
29	212139070422			5.0	12.56	8.02
30	212139070386			10.0	18.11	13.24
31	212139070442			9.0	11.99	10.2
32	212139070529			17.5	10.64	14.76
33	212139070574			3.0	11.45	6.38
34	212139070429			10.0	10.79	10.32
35	212139070548			5.5	11.49	7.9
36	212139070595			16.5	8.75	13.4
37	202039065186			11.5	9.95	10.88
38	212139069936			10.0	15.56	12.22
39	212139069154			1.0	8.45	3.98

40	212139070572			10.5	14.98	12.29
41	212139070913			4.5	6.1	5.14
42	202039062656			0.0	12.6	5.04

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			3.0	7.35	4.74
2	212139068595			1.0	6.25	3.1
3	212139070647			4.0	10.09	6.44
4	212139070836			1.0	6.1	3.04
5	212139070578			11.0	13.95	12.18
6	212139070881			4.0	8.99	6.0
7	212139070973			16.5	15.45	16.08
8	212139070612			4.0	10.19	6.48
9	212139071325			2.5	7.99	4.7
10	212139070592			3.0	9.65	5.66
11	212139069078			10.5	7.94	9.48
12	212139071007			13.0	11.39	12.36
13	212139086929			5.5	7.49	6.3
14	212139071337			7.0	9.7	8.08

15	212139070972			8.0	10.89	9.16
16	212139071319			5.0	8.75	6.5
17	212139073636			7.0	5.76	6.5
18	212139070580			0.5	6.73	2.99
19	212139070869			12.0	12.19	12.08
20	212139070839			11.0	6.96	9.38
21	212139070940			13.0	14.52	13.61
22	212139070843			8.5	11.93	9.87
23	212139070974			2.0	8.44	4.58
24	212139070609			8.5	9.91	9.06
25	212139071742			10.5	13.21	11.58
26	212139070999			7.0	9.85	8.14
27	212139070928			6.0	13.0	8.8
28	212139070998			11.5	12.8	12.02
29	212139071323			6.5	8.21	7.18
30	212139071398			8.5	12.21	9.98
31	212139070587			1.5	7.64	3.96
32	212139070617			6.0	7.62	6.65
33	212139072532			6.0	5.76	5.9
34	212139068826			10.5	10.0	10.3
35	212139071347			0.0	14.61	5.84
36	212139070412			5.0	7.29	5.92
37	212139071351			6.0	10.11	7.64
38	212139078215			1.0	6.56	3.22
39	212139071301			2.0	6.1	3.64
40	212139070873			5.0	6.25	5.5
41	212139070885			15.5	14.6	15.14
42	212139070899			8.5	11.32	9.63
43	212139069944			9.0	12.45	10.38

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			10.0	14.35	11.74
2	212139071297			7.5	16.0	10.9
3	212139072429			5.0	12.7	8.08
4	212139072411			8.0	15.15	10.86
5	212139071850			7.5	15.2	10.58
6	212139072425			7.0	12.65	9.26
7	212139071394			16.5	16.7	16.58
8	212139071355			14.5	18.65	16.16
9	202039069696			4.5	12.7	7.78
10	212139072383			15.5	14.35	15.04
11	212139072595			8.0	13.2	10.08
12	212139071829			8.0	17.1	11.64
13	212139071324			7.0	9.5	8.0
14	212139072351			13.0	16.1	14.24
15	212139072396			11.0	12.65	11.66
16	212139079128			4.5	13.5	8.1
17	202039072232			3.0	14.1	7.44
18	212139071721			10.5	13.2	11.58
19	212139071747			11.5	14.5	12.7
20	212139072653			0.0	13.5	5.4
21	212139072394			2.5	14.8	7.42
22	212139072357			3.5	11.8	6.82
23	212139071770			14.0	17.1	15.24
24	212139071783			14.5	15.1	14.74
25	212139072424			2.5	14.3	7.22
26	212139071399			5.5	10.25	7.4
27	212139071397			4.0	14.75	8.3
28	212139072363			4.5	12.3	7.62
29	212139071738			4.5	13.9	8.26
30	212139072473			12.5	16.0	13.9
31	212139072479			13.0	18.08	15.03
32	212139071788			3.0	11.5	6.4
33	212139070072			7.0	11.35	8.74
34	212139071403			13.0	16.25	14.3
35	212139071302			10.5	17.6	13.34
36	212139071744			14.5	16.7	15.38
37	212139071354			5.5	13.15	8.56
38	212139071377			16.5	12.55	14.92
39	212139072380			9.0	16.25	11.9

40	212139072639			10.5	15.55	12.52
41	212139072426			11.5	16.28	13.41
42	212139072428			13.0	16.55	14.42
43	212139072456			5.0	9.87	6.95
44	212139069768			9.0	13.45	10.78

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			11.0	9.83	10.53
2	212139072512			1.5	5.73	3.19
3	212139072597			8.5	10.74	9.4
4	212139072416			0.5	7.41	3.26
5	212139072583			12.5	10.19	11.58
6	212139073309			5.5	7.44	6.28
7	212139073287			7.0	13.7	9.68
8	212139072693			9.0	12.39	10.36
9	212139073233			8.0	14.04	10.42
10	212139072658			6.5	12.22	8.79
11	202039061892			4.0	6.98	5.19
12	212139072702			6.5	9.19	7.58
13	212139073215			7.5	13.17	9.77
14	212139072648			11.5	15.42	13.07

15	212139072718			6.5	6.63	6.55
16	212139084875			6.0	8.62	7.05
17	212139073197			2.0	11.08	5.63
18	212139073195			11.0	11.39	11.16
19	212139073307			8.0	12.76	9.9
20	212139072413			7.5	13.02	9.71
21	202039076036			0.0	8.64	3.46
22	212139072483			9.0	10.01	9.4
23	212139072671			13.0	12.89	12.96
24	212139073388			16.0	13.56	15.02
25	212139072518			3.5	9.2	5.78
26	212139072694			13.5	11.61	12.74
27	212139073221			14.0	14.04	14.02
28	212139072644			7.5	10.45	8.68
29	202039070933			10.0	12.41	10.96
30	212139072504			10.0	14.4	11.76
31	212139072901			9.5	13.95	11.28
32	212139072556			12.5	14.26	13.2
33	212139074534			4.5	10.69	6.98
34	212139072535			13.5	13.19	13.38
35	212139073243			16.5	17.29	16.82
36	212139072836			14.5	14.61	14.54
37	212139072591			11.5	14.97	12.89
38	212139072569			7.0	8.4	7.56
39	212139072462			9.0	10.19	9.48
40	212139072748			11.5	15.05	12.92
41	212139072666			7.0	9.26	7.9
42	212139072650			11.0	10.31	10.72

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biochimie / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			10.0	12.65	11.06
2	212139073270			9.0	13.15	10.66
3	202039061959			9.5	16.15	12.16
4	212139073623			3.0	8.6	5.24
5	212139073981			17.5	16.9	17.26
6	212139073963			4.5	13.0	7.9
7	212139073971			6.5	10.9	8.26
8	212139073953			3.0	8.8	5.32
9	212139073183			12.5	16.4	14.06
10	212139073640			3.0	8.1	5.04
11	212139074004			15.0	16.0	15.4
12	212139073709			10.5	11.45	10.88
13	202039066829			15.5	15.1	15.34
14	212139073292			3.0	12.15	6.66
15	212139073984			8.0	12.75	9.9
16	212139073203			13.0	16.2	14.28
17	212139073964			7.0	14.8	10.12
18	212139074016			15.0	13.35	14.34
19	212139073721			4.5	9.4	6.46
20	212139073607			6.0	11.75	8.3
21	212139073263			5.0	14.55	8.82
22	212139073713			4.0	7.5	5.4
23	212139073622			5.5	8.75	6.8
24	212139073650			5.0	10.95	7.38
25	212139073605			1.5	8.7	4.38
26	212139073988			12.0	12.3	12.12
27	212139073628			12.5	15.0	13.5
28	212139073592			10.0	10.8	10.32
29	212139073631			6.0	13.2	8.88
30	212139073196			13.5	15.2	14.18
31	212139074063			13.5	16.0	14.5
32	212139073720			2.0	7.6	4.24
33	212139073611			4.0	11.1	6.84
34	212139073655			13.0	10.25	11.9
35	212139070941			4.0	9.25	6.1
36	212139073711			5.0	12.15	7.86
37	212139073693			6.5	12.7	8.98
38	212139073289			1.0	10.05	4.62
39	212139073298			11.5	14.45	12.68

40	212139073715			3.0	12.45	6.78
41	212139073608			6.0	9.55	7.42
42	212139073710			14.5	15.35	14.84

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biochimie / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			10.5	14.34	12.04
2	212139074444			13.0	15.1	13.84
3	212139074050			7.5	11.05	8.92
4	212139074413			10.5	15.81	12.62
5	212139074375			7.5	12.41	9.46
6	212139074449			14.0	14.06	14.02
7	212139074555			10.5	8.31	9.62
8	212139075099			13.0	13.34	13.14
9	212139074448			2.0	10.86	5.54
10	202039062667			3.0	6.7	4.48
11	212139074588			3.0	12.7	6.88
12	212139074051			14.0	15.51	14.6
13	212139074360			14.0	11.0	12.8
14	212139074584			5.0	11.16	7.46

15	212139074072			7.5	14.89	10.46
16	212139074378			16.5	17.14	16.76
17	212139074567			1.5	7.39	3.86
18	212139073954			11.5	12.91	12.06
19	212139074359			3.0	7.45	4.78
20	212139074412			2.0	7.45	4.18
21	212139074416			4.0	12.11	7.24
22	191939063581			0.0	4.89	1.96
23	212139077481			6.0	7.1	6.44
24	212139074065			5.0	10.74	7.3
25	212139074398			2.0	13.49	6.6
26	212139074529			4.0	5.49	4.6
27	212139074109			16.5	14.07	15.53
28	212139074437			14.0	9.25	12.1
29	212139074480			1.0	10.4	4.76
30	212139074005			14.5	15.51	14.9
31	212139073957			9.5	11.61	10.34
32	212139074026			6.5	13.95	9.48
33	212139074423			10.5	14.69	12.18
34	212139074483			8.0	7.1	7.64
35	212139074547			1.5	9.39	4.66
36	212139074015			10.0	8.59	9.44
37	212139074502			3.0	10.56	6.02
38	202039063333			0.0	7.86	3.14
39	212139074542			5.0	8.44	6.38
40	212139074443			12.5	14.41	13.26
41	212139074082			13.0	15.07	13.83
42	212139074092			15.0	14.27	14.71
43	202039064192			5.0	6.2	5.48
44	212139074491			3.5	6.44	4.68
45	212139073980			12.0	13.41	12.56

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			13.0	14.88	13.75
2	212139084252			5.5	13.75	8.8
3	212139069711			2.75	12.0	6.45
4	212139068626			16.25	15.5	15.95
5	212139068736			9.5	10.63	9.95
6	212139068588			0.0	13.5	5.4
7	212139084983			11.75	15.0	13.05
8	202039071871			14.0	16.5	15.0
9	212134023109			12.25	14.5	13.15
10	191939069998			0.0	0.0	0.0
11	212139068683			11.5	11.88	11.65
12	212139058597			10.75	13.5	11.85
13	212139066947			3.5	14.75	8.0
14	212139069053			2.0	11.88	5.95
15	212139068608			15.5	13.5	14.7
16	212139068668			1.75	10.0	5.05
17	212139070495			3.0	12.25	6.7
18	202039070574			9.0	11.0	9.8
19	202039063521			0.0	0.0	0.0
20	212139079153			8.0	14.0	10.4
21	202039069714			7.5	13.25	9.8
22	212139068590			4.5	14.63	8.55
23	202039063511			17.5	17.0	17.3
24	212139068710			7.5	11.75	9.2
25	212139070916			10.5	12.5	11.3
26	212139068617			5.5	11.75	8.0
27	212139057061			11.5	14.63	12.75
28	212139068963			12.75	16.13	14.1
29	212139068657			12.25	15.5	13.55
30	212139068722			9.0	15.13	11.45
31	212139068949			8.75	12.63	10.3
32	212132001555			9.75	13.75	11.35
33	202039065139			7.5	17.38	11.45
34	212139055924			13.0	14.0	13.4
35	212139068594			9.5	11.63	10.35
36	212139068678			12.25	16.25	13.85
37	212139086757			15.75	17.0	16.25
38	212139068632			8.0	15.25	10.9
39	212139068734			8.25	13.5	10.35

40	212139069110			18.0	15.75	17.1
41	212139070874			2.75	10.5	5.85
42	202039071867			17.5	14.5	16.3
43	212139068727			13.0	12.75	12.9
44	202039062851			10.0	14.88	11.95
45	212139068864			16.25	15.5	15.95
46	21109044314			15.25	19.0	16.75

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			10.0	13.0	11.2
2	212139075388			15.5	15.88	15.65
3	212139075374			0.25	12.88	5.3
4	212139075171			15.25	16.25	15.65
5	212139075356			12.75	12.63	12.7
6	212139075299			14.0	17.0	15.2
7	212139075106			11.5	17.25	13.8
8	212139057659			12.75	14.75	13.55
9	212139075350			11.25	14.38	12.5
10	212139075210			15.5	17.88	16.45
11	212139055716			10.0	15.75	12.3
12	212139075096			12.0	12.5	12.2
13	212139075163			12.0	14.38	12.95
14	212139075255			8.0	17.0	11.6

15	212139075109			16.25	15.75	16.05
16	212139075174			5.5	10.38	7.45
17	202039062021			0.0	0.0	0.0
18	212139075466			13.5	15.5	14.3
19	212139075383			10.25	15.38	12.3
20	202039067771			0.0	0.0	0.0
21	212139075108			5.25	16.38	9.7
22	212139075176			13.0	12.75	12.9
23	212139075322			14.5	16.5	15.3
24	212139075184			4.75	11.13	7.3
25	212139075169			0.75	14.5	6.25
26	212139075197			13.75	17.88	15.4
27	212139075245			5.75	12.5	8.45
28	212139075395			3.75	11.63	6.9
29	212139075179			12.0	17.5	14.2
30	212139078243			12.0	16.25	13.7
31	212139075400			15.5	17.5	16.3
32	212139075143			12.5	17.5	14.5
33	212139075365			9.25	15.75	11.85
34	212139075258			17.75	15.63	16.9
35	212139075380			6.25	16.38	10.3
36	212139075418			13.0	15.38	13.95
37	212139078219			1.75	14.88	7.0
38	212139075250			0.75	10.0	4.45
39	212139075248			9.0	18.13	12.65
40	212139075306			11.25	14.75	12.65

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			12.5	14.13	13.15
2	212139076561			9.5	12.63	10.75
3	212139076636			10.0	13.25	11.3
4	212139076066			16.5	16.63	16.55
5	212139075680			10.0	12.5	11.0
6	212139075679			16.0	14.38	15.35
7	212139076098			10.0	16.5	12.6
8	212139076128			8.0	13.75	10.3
9	212139076591			10.0	17.75	13.1
10	212139075691			11.0	14.88	12.55
11	212139076090			0.0	12.5	5.0
12	212139075719			11.0	10.5	10.8
13	212139076065			10.0	16.75	12.7
14	212139076510			13.0	13.13	13.05
15	202039070615			0.0	0.0	0.0
16	212139075732			12.0	15.88	13.55
17	212139075722			13.0	17.5	14.8
18	212139076602			13.5	15.75	14.4
19	212139076560			5.0	12.63	8.05
20	212139073253			0.0	0.0	0.0
21	212139076141			13.5	12.88	13.25
22	212139076642			11.0	12.5	11.6
23	212139075688			10.5	14.0	11.9
24	212139075730			14.5	11.75	13.4
25	212139068870			9.0	15.0	11.4
26	212139075742			17.0	16.5	16.8
27	212139076088			10.0	10.0	10.0
28	212139075729			10.0	15.63	12.25
29	212139076545			12.5	15.38	13.65
30	212139076508			6.0	12.88	8.75
31	212139076564			1.0	13.88	6.15
32	212139075684			13.0	16.5	14.4
33	212139076647			4.0	10.38	6.55
34	212139075816			12.5	10.5	11.7
35	212139066895			0.0	12.38	4.95
36	212139076646			7.5	12.13	9.35
37	212139075839			18.0	15.5	17.0
38	212139068593			10.5	14.13	11.95
39	212139076064			10.5	14.0	11.9

40	212139076558			15.5	13.25	14.6
41	212139075717			18.0	16.5	17.4
42	212139076569			13.0	17.25	14.7

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			9.5	12.0	10.5
2	212139077363			7.0	12.13	9.05
3	212139077021			12.5	16.75	14.2
4	212139077022			5.5	13.63	8.75
5	212139078162			4.0	12.88	7.55
6	212139077036			12.5	15.38	13.65
7	212139077444			6.5	13.25	9.2
8	212139077408			20.0	18.13	19.25
9	212139077007			10.0	14.38	11.75
10	212139077440			12.5	16.25	14.0
11	212139077516			4.0	16.63	9.05
12	212139077364			11.5	16.0	13.3
13	212139077345			5.0	11.63	7.65
14	212139076998			16.5	16.5	16.5

15	212139076940			6.0	13.25	8.9
16	212139076986			8.5	16.75	11.8
17	212139077041			0.0	12.5	5.0
18	212139077394			3.5	14.88	8.05
19	212139077451			9.0	13.63	10.85
20	212139077441			16.0	16.63	16.25
21	212139076942			14.0	16.25	14.9
22	212139077420			9.5	16.13	12.15
23	212139077004			3.0	14.75	7.7
24	212139077410			15.5	17.75	16.4
25	212139078154			15.5	11.63	13.95
26	171739074249			0.0	10.75	4.3
27	212139077367			16.0	15.75	15.9
28	212139077344			6.0	13.25	8.9
29	212139076995			18.0	17.38	17.75
30	212139077405			14.5	15.0	14.7
31	212139076957			8.0	11.13	9.25
32	212139076962			11.0	14.38	12.35
33	212139076983			10.0	14.5	11.8
34	212139077034			13.5	14.25	13.8
35	212139076931			7.0	15.63	10.45
36	212139076960			16.5	17.38	16.85
37	212139076937			4.0	14.75	8.3
38	212139076946			11.0	16.13	13.05
39	212139076994			14.0	16.75	15.1
40	202039049806			8.0	10.63	9.05
41	212139077006			12.5	16.0	13.9
42	212139077450			8.0	15.25	10.9
43	212139077539			17.0	18.0	17.4
44	212139077035			12.5	15.25	13.6
45	212139076954			9.5	10.75	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			5.0	11.5	7.6
2	212139078239			13.0	13.25	13.1
3	212139077839			11.5	11.0	11.3
4	212139078200			17.0	18.0	17.4
5	212139077531			8.0	15.5	11.0
6	212139077437			14.5	10.0	12.7
7	212139075187			12.0	10.0	11.2
8	212139078253			10.5	10.25	10.4
9	212139078208			10.0	13.0	11.2
10	212139077449			19.0	14.5	17.2
11	212139078412			18.5	10.0	15.1
12	212139077802			17.5	16.25	17.0
13	212139077847			12.0	12.0	12.0
14	212139075390			19.5	19.5	19.5
15	212139077803			9.0	14.5	11.2
16	212139078141			18.5	18.5	18.5
17	212139077916			11.5	17.25	13.8
18	212139077904			6.0	15.75	9.9
19	212139078131			14.0	13.5	13.8
20	212139077455			14.0	11.75	13.1
21	212139077787			12.0	12.5	12.2
22	212139078191			15.5	15.5	15.5
23	212139078147			18.5	12.5	16.1
24	212139078179			3.0	10.5	6.0
25	202039070867			3.5	10.0	6.1
26	212139069741			0.0	10.0	4.0
27	212139077476			14.5	14.25	14.4
28	212139077521			18.5	11.75	15.8
29	202039070052			17.0	15.25	16.3
30	212139077390			3.5	12.5	7.1
31	212139078206			9.25	10.0	9.55
32	212139078121			16.0	11.5	14.2
33	212139078151			5.5	10.0	7.3
34	212139078119			1.5	10.0	4.9
35	212139078220			9.0	11.0	9.8
36	212139077487			12.0	12.5	12.2
37	212139078240			8.0	14.0	10.4
38	212139078442			18.0	17.5	17.8
39	212139078599			17.5	15.25	16.6

40	212139077361			12.0	15.0	13.2
41	22109041891			1.5	10.0	4.9

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			12.5	11.5	12.1
2	212139078885			19.0	13.5	16.8
3	212139078913			16.5	10.0	13.9
4	212139078827			5.0	10.0	7.0
5	212139078822			13.0	10.0	11.8
6	212139078934			0.0	10.0	4.0
7	212139079259			17.0	16.0	16.6
8	212139078884			13.0	10.0	11.8
9	212139078870			5.5	10.25	7.4
10	212139079258			7.0	13.25	9.5
11	212139078879			12.5	12.0	12.3
12	212139083789			6.0	14.5	9.4
13	212139079232			18.5	17.0	17.9
14	212139078926			16.75	14.0	15.65

15	212139078849			19.0	14.5	17.2
16	212139084572			15.5	15.25	15.4
17	212139078623			16.0	10.0	13.6
18	212139084194			0.0	10.0	4.0
19	212139078631			17.0	10.0	14.2
20	212139078882			8.0	10.0	8.8
21	212139078993			15.0	11.0	13.4
22	212139078590			3.0	10.0	5.8
23	212139084004			17.5	12.5	15.5
24	212139083753			13.5	15.5	14.3
25	212139079244			10.25	16.0	12.55
26	212139079457			12.0	13.0	12.4
27	212139079124			20.0	17.0	18.8
28	202039068458			0.0	10.0	4.0
29	212139079511			17.0	16.0	16.6
30	212139078929			13.5	13.0	13.3
31	212139078977			14.0	11.0	12.8
32	212139078902			16.25	13.25	15.05
33	212139084039			17.0	12.5	15.2
34	212139079286			12.25	14.0	12.95
35	212139079136			11.75	10.0	11.05
36	212139079122			14.0	16.0	14.8
37	212139078979			12.0	11.0	11.6
38	212139079426			15.0	14.0	14.6
39	212139072714			0.0	0.0	0.0
40	181839072974			18.0	15.0	16.8
41	212139078919			8.0	11.0	9.2

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			6.5	10.0	7.9
2	212139068944			12.5	13.5	12.9
3	212139068803			16.0	15.13	15.65
4	202039065303			0.0	0.0	0.0
5	212139069059			17.5	16.0	16.9
6	212139068955			12.0	15.38	13.35
7	212139068833			8.0	13.63	10.25
8	212139068790			10.0	15.63	12.25
9	212139069007			11.0	14.37	12.35
10	212139069136			9.0	15.25	11.5
11	212139069006			11.0	12.5	11.6
12	212139072663			14.5	13.75	14.2
13	212139069026			13.5	13.63	13.55
14	212139068621			10.0	14.75	11.9
15	212139068739			12.5	14.88	13.45
16	212139068762			8.0	14.75	10.7
17	212139068956			8.0	14.13	10.45
18	212139069024			17.0	16.25	16.7
19	212139069935			11.5	14.0	12.5
20	212139069014			8.5	13.75	10.6
21	212139068922			11.0	10.5	10.8
22	212139069083			11.5	13.75	12.4
23	212139068624			9.5	12.0	10.5
24	212139068810			6.5	14.38	9.65
25	212139071353			5.0	12.25	7.9
26	212139078171			0.0	14.0	5.6
27	212139068857			17.5	16.63	17.15
28	202039076696			2.0	12.75	6.3
29	212139069035			14.0	12.75	13.5
30	212139068799			10.0	17.0	12.8
31	212139068863			11.0	13.25	11.9
32	212139068587			12.0	13.63	12.65
33	212139069022			12.0	14.25	12.9
34	212139069013			4.5	13.0	7.9
35	171734024835			0.0	0.0	0.0
36	212139068741			5.0	13.38	8.35
37	212139069040			15.0	15.88	15.35
38	212139068911			13.5	14.75	14.0
39	212139068768			9.5	12.0	10.5

40	212139068793			11.5	12.5	11.9
41	212139068700			5.0	13.13	8.25
42	212139069213			6.0	13.5	9.0
43	212139068858			8.5	15.5	11.3

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			13.5	18.0	15.3
2	212139069945			4.75	11.75	7.55
3	212139069266			10.5	13.0	11.5
4	212139069089			14.75	14.0	14.45
5	212139069115			6.5	13.75	9.4
6	212139069953			12.5	19.0	15.1
7	202039071631			5.0	0.0	3.0
8	212139070837			3.75	13.75	7.75
9	202039065524			10.9	10.9	10.9
10	212139068893			3.75	12.5	7.25
11	212139069678			5.75	18.0	10.65
12	212139069677			9.25	12.75	10.65
13	212139068735			4.25	11.5	7.15
14	212139069875			6.25	13.0	8.95

15	212139069896			9.5	15.25	11.8
16	212139069186			7.75	18.75	12.15
17	212139069125			10.25	11.5	10.75
18	212139069714			1.5	17.75	8.0
19	212139069612			6.5	17.0	10.7
20	212139069718			10.5	14.25	12.0
21	212139071786			8.5	11.25	9.6
22	212139069956			7.75	0.0	4.65
23	212139069777			12.5	11.5	12.1
24	212139069976			8.75	12.0	10.05
25	212139069847			9.5	11.75	10.4
26	212139069161			7.75	14.75	10.55
27	212139069060			7.0	12.5	9.2
28	212139069068			7.75	14.0	10.25
29	212139069910			7.0	13.75	9.7
30	212139069233			16.25	17.0	16.55
31	212139069909			18.0	15.5	17.0
32	212139069127			13.0	11.0	12.2
33	212139069868			10.0	10.0	10.0
34	212139069774			6.0	12.25	8.5
35	212139069639			6.0	10.0	7.6
36	212139069866			6.25	15.25	9.85
37	212139069109			9.75	13.5	11.25
38	212139069676			9.25	13.75	11.05
39	212139069069			4.25	11.0	6.95
40	212139069762			5.5	12.5	8.3
41	212139069681			5.75	15.25	9.55
42	212139074538			2.0	12.0	6.0
43	212139069695			9.75	13.0	11.05
44	212139068677			9.25	12.75	10.65

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			5.75	13.0	8.65
2	212139070449			1.0	12.0	5.4
3	212139070466			3.0	10.0	5.8
4	212139068801			6.5	15.0	9.9
5	212139070395			7.5	15.75	10.8
6	212139070481			8.0	15.75	11.1
7	212139069962			8.25	19.0	12.55
8	212139069955			15.0	19.0	16.6
9	212139070068			7.25	13.25	9.65
10	212139070538			7.0	13.0	9.4
11	212139070491			11.0	19.0	14.2
12	212139070372			6.5	14.0	9.5
13	212139070478			7.5	12.0	9.3
14	212139069879			11.5	17.75	14.0
15	212139070470			14.0	19.0	16.0
16	212139070370			13.5	17.0	14.9
17	212139070396			4.75	12.5	7.85
18	212139070575			13.0	17.5	14.8
19	212139070460			13.25	12.75	13.05
20	212139070406			12.5	19.0	15.1
21	212139070475			10.0	14.0	11.6
22	212139069928			15.75	19.0	17.05
23	212139069864			12.0	15.25	13.3
24	212139073658			0.0	10.0	4.0
25	212139070424			12.5	19.0	15.1
26	212139070568			7.0	17.25	11.1
27	212139070584			12.0	19.0	14.8
28	212139070403			12.25	19.0	14.95
29	212139070422			10.5	16.75	13.0
30	212139070386			10.0	15.0	12.0
31	212139070442			10.25	13.0	11.35
32	212139070529			10.0	12.75	11.1
33	212139070574			1.75	10.0	5.05
34	212139070429			5.25	15.75	9.45
35	212139070548			0.0	14.5	5.8
36	212139070595			10.75	16.5	13.05
37	202039065186			8.0	13.25	10.1
38	212139069936			9.25	18.0	12.75
39	212139069154			9.75	15.75	12.15

40	212139070572			10.0	18.0	13.2
41	212139070913			9.5	12.5	10.7
42	202039062656			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: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			4.75	13.0	8.05
2	212139068595			4.0	11.5	7.0
3	212139070647			6.0	10.0	7.6
4	212139070836			3.5	11.25	6.6
5	212139070578			14.0	15.0	14.4
6	212139070881			11.0	10.0	10.6
7	212139070973			16.75	13.5	15.45
8	212139070612			4.25	15.0	8.55
9	212139071325			4.5	10.0	6.7
10	212139070592			5.5	15.25	9.4
11	212139069078			5.5	10.0	7.3
12	212139071007			5.25	12.5	8.15
13	212139086929			9.25	10.0	9.55
14	212139071337			9.75	15.0	11.85

15	212139070972			10.75	14.0	12.05
16	212139071319			10.25	11.75	10.85
17	212139073636			2.75	10.5	5.85
18	212139070580			1.0	10.5	4.8
19	212139070869			6.5	10.0	7.9
20	212139070839			11.0	10.0	10.6
21	212139070940			11.5	15.25	13.0
22	212139070843			0.0	11.5	4.6
23	212139070974			3.5	10.0	6.1
24	212139070609			5.5	12.0	8.1
25	212139071742			13.5	12.5	13.1
26	212139070999			10.0	10.5	10.2
27	212139070928			8.75	12.75	10.35
28	212139070998			11.75	10.0	11.05
29	212139071323			9.0	11.25	9.9
30	212139071398			11.25	11.75	11.45
31	212139070587			8.75	10.0	9.25
32	212139070617			2.75	10.0	5.65
33	212139072532			1.5	10.0	4.9
34	212139068826			11.0	14.0	12.2
35	212139071347			10.0	10.0	10.0
36	212139070412			1.0	10.0	4.6
37	212139071351			10.5	10.0	10.3
38	212139078215			1.75	10.5	5.25
39	212139071301			4.75	12.0	7.65
40	212139070873			7.5	10.0	8.5
41	212139070885			10.0	10.0	10.0
42	212139070899			9.5	13.5	11.1
43	212139069944			7.0	10.5	8.4

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			5.0	13.38	8.35
2	212139071297			4.0	13.5	7.8
3	212139072429			0.0	15.5	6.2
4	212139072411			6.5	13.5	9.3
5	212139071850			16.5	15.0	15.9
6	212139072425			5.0	15.13	9.05
7	212139071394			13.5	16.0	14.5
8	212139071355			15.0	16.88	15.75
9	202039069696			10.0	10.0	10.0
10	212139072383			13.5	14.5	13.9
11	212139072595			9.0	14.38	11.15
12	212139071829			9.0	15.5	11.6
13	212139071324			6.5	12.75	9.0
14	212139072351			9.5	14.63	11.55
15	212139072396			11.0	15.38	12.75
16	212139079128			7.5	13.37	9.85
17	202039072232			3.5	13.63	7.55
18	212139071721			9.5	14.25	11.4
19	212139071747			12.0	14.38	12.95
20	212139072653			3.0	12.75	6.9
21	212139072394			5.0	14.0	8.6
22	212139072357			6.5	14.5	9.7
23	212139071770			16.0	15.75	15.9
24	212139071783			16.5	14.88	15.85
25	212139072424			9.0	14.38	11.15
26	212139071399			5.0	14.63	8.85
27	212139071397			2.0	13.25	6.5
28	212139072363			2.5	14.25	7.2
29	212139071738			10.0	14.13	11.65
30	212139072473			2.5	13.38	6.85
31	212139072479			16.0	15.13	15.65
32	212139071788			9.0	13.5	10.8
33	212139070072			7.0	13.63	9.65
34	212139071403			11.5	15.38	13.05
35	212139071302			4.5	14.75	8.6
36	212139071744			17.0	17.38	17.15
37	212139071354			4.5	14.63	8.55
38	212139071377			12.5	14.0	13.1
39	212139072380			2.5	14.38	7.25

40	212139072639			7.0	12.75	9.3
41	212139072426			17.5	16.0	16.9
42	212139072428			13.5	18.5	15.5
43	212139072456			6.0	13.88	9.15
44	212139069768			10.5	13.63	11.75

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			12.0	12.0	12.0
2	212139072512			2.5	10.0	5.5
3	212139072597			9.0	14.75	11.3
4	212139072416			1.0	11.0	5.0
5	212139072583			7.0	11.0	8.6
6	212139073309			0.0	14.0	5.6
7	212139073287			1.0	13.25	5.9
8	212139072693			11.0	13.5	12.0
9	212139073233			15.0	16.0	15.4
10	212139072658			11.0	16.75	13.3
11	202039061892			6.0	14.25	9.3
12	212139072702			11.0	14.25	12.3
13	212139073215			15.0	17.5	16.0
14	212139072648			11.0	14.25	12.3

15	212139072718			10.0	12.25	10.9
16	212139084875			8.0	12.5	9.8
17	212139073197			0.0	14.25	5.7
18	212139073195			10.0	19.5	13.8
19	212139073307			16.5	16.75	16.6
20	212139072413			15.0	16.25	15.5
21	202039076036			0.0	10.75	4.3
22	212139072483			11.0	16.25	13.1
23	212139072671			18.0	14.25	16.5
24	212139073388			11.0	16.0	13.0
25	212139072518			4.0	12.25	7.3
26	212139072694			14.0	16.25	14.9
27	212139073221			10.0	12.5	11.0
28	212139072644			8.0	13.5	10.2
29	202039070933			11.1	11.1	11.1
30	212139072504			5.0	14.25	8.7
31	212139072901			8.5	16.25	11.6
32	212139072556			9.0	14.5	11.2
33	212139074534			12.0	15.25	13.3
34	212139072535			11.0	14.0	12.2
35	212139073243			13.0	17.0	14.6
36	212139072836			0.0	16.0	6.4
37	212139072591			13.0	16.5	14.4
38	212139072569			9.0	12.25	10.3
39	212139072462			13.0	13.5	13.2
40	212139072748			16.5	15.75	16.2
41	212139072666			9.0	10.75	9.7
42	212139072650			1.0	10.25	4.7

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** biophysique / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			14.0	12.75	13.5
2	212139073270			15.0	11.63	13.65
3	202039061959			6.5	0.0	3.9
4	212139073623			6.0	10.0	7.6
5	212139073981			17.5	17.63	17.55
6	212139073963			13.0	14.25	13.5
7	212139073971			7.5	15.0	10.5
8	212139073953			15.5	15.0	15.3
9	212139073183			19.0	16.25	17.9
10	212139073640			3.0	10.0	5.8
11	212139074004			20.0	17.5	19.0
12	212139073709			13.0	10.63	12.05
13	202039066829			13.0	12.25	12.7
14	212139073292			7.0	11.13	8.65
15	212139073984			4.0	12.0	7.2
16	212139073203			14.0	14.88	14.35
17	212139073964			4.5	16.0	9.1
18	212139074016			17.5	15.5	16.7
19	212139073721			4.0	10.25	6.5
20	212139073607			8.0	10.63	9.05
21	212139073263			13.0	12.75	12.9
22	212139073713			5.0	10.0	7.0
23	212139073622			7.5	11.38	9.05
24	212139073650			15.0	10.0	13.0
25	212139073605			5.0	10.0	7.0
26	212139073988			15.5	14.13	14.95
27	212139073628			16.5	13.63	15.35
28	212139073592			11.0	11.25	11.1
29	212139073631			16.5	10.0	13.9
30	212139073196			11.5	10.0	10.9
31	212139074063			18.0	17.5	17.8
32	212139073720			12.5	10.0	11.5
33	212139073611			5.5	11.88	8.05
34	212139073655			14.0	13.13	13.65
35	212139070941			14.5	8.25	12.0
36	212139073711			5.0	12.13	7.85
37	212139073693			8.0	13.38	10.15
38	212139073289			9.0	11.5	10.0
39	212139073298			0.0	14.63	5.85

40	212139073715			7.5	10.0	8.5
41	212139073608			9.5	12.0	10.5
42	212139073710			4.5	10.88	7.05

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: biophysique / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			13.5	15.38	14.25
2	212139074444			16.5	16.25	16.4
3	212139074050			13.0	16.38	14.35
4	212139074413			11.0	13.75	12.1
5	212139074375			16.5	15.13	15.95
6	212139074449			15.5	15.75	15.6
7	212139074555			7.0	14.25	9.9
8	212139075099			4.5	12.13	7.55
9	212139074448			5.0	15.75	9.3
10	202039062667			9.5	12.88	10.85
11	212139074588			4.5	14.5	8.5
12	212139074051			14.5	16.13	15.15
13	212139074360			14.0	11.25	12.9
14	212139074584			13.0	16.5	14.4

15	212139074072			16.5	17.0	16.7
16	212139074378			18.5	12.75	16.2
17	212139074567			6.0	14.13	9.25
18	212139073954			16.0	16.75	16.3
19	212139074359			6.0	13.5	9.0
20	212139074412			9.0	11.75	10.1
21	212139074416			15.0	15.5	15.2
22	191939063581			5.0	10.0	7.0
23	212139077481			9.0	11.0	9.8
24	212139074065			11.0	15.63	12.85
25	212139074398			11.5	15.88	13.25
26	212139074529			3.5	14.13	7.75
27	212139074109			15.0	17.38	15.95
28	212139074437			16.5	15.5	16.1
29	212139074480			8.0	14.5	10.6
30	212139074005			18.5	16.13	17.55
31	212139073957			14.0	14.38	14.15
32	212139074026			15.0	15.5	15.2
33	212139074423			18.0	16.75	17.5
34	212139074483			8.5	12.88	10.25
35	212139074547			1.0	13.13	5.85
36	212139074015			16.0	14.13	15.25
37	212139074502			11.0	13.0	11.8
38	202039063333			1.0	13.0	5.8
39	212139074542			4.0	14.25	8.1
40	212139074443			13.0	12.25	12.7
41	212139074082			16.0	16.38	16.15
42	212139074092			15.0	15.88	15.35
43	202039064192			13.0	12.63	12.85
44	212139074491			6.5	12.13	8.75
45	212139073980			17.0	16.5	16.8

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			10.0	0.0	10.0
2	212139084252			10.0	0.0	10.0
3	212139069711			10.0	0.0	10.0
4	212139068626			10.0	0.0	10.0
5	212139068736			10.0	0.0	10.0
6	212139068588			10.0	0.0	10.0
7	212139084983			10.0	0.0	10.0
8	202039071871			10.0	0.0	10.0
9	212134023109			10.0	0.0	10.0
10	191939069998			10.0	0.0	10.0
11	212139068683			10.0	0.0	10.0
12	212139058597			10.0	0.0	10.0
13	212139066947			10.0	0.0	10.0
14	212139069053			10.0	0.0	10.0
15	212139068608			11.0	0.0	11.0
16	212139068668			10.0	0.0	10.0
17	212139070495			10.0	0.0	10.0
18	202039070574			10.0	0.0	10.0
19	202039063521			10.0	0.0	10.0
20	212139079153			10.0	0.0	10.0
21	202039069714			10.0	0.0	10.0
22	212139068590			10.0	0.0	10.0
23	202039063511			12.0	0.0	12.0
24	212139068710			11.0	0.0	11.0
25	212139070916			10.0	0.0	10.0
26	212139068617			10.0	0.0	10.0
27	212139057061			10.0	0.0	10.0
28	212139068963			14.0	0.0	14.0
29	212139068657			10.0	0.0	10.0
30	212139068722			10.0	0.0	10.0
31	212139068949			10.0	0.0	10.0
32	212132001555			10.0	0.0	10.0
33	202039065139			11.5	0.0	11.5
34	212139055924			10.0	0.0	10.0
35	212139068594			10.0	0.0	10.0
36	212139068678			10.0	0.0	10.0
37	212139086757			10.0	0.0	10.0
38	212139068632			10.0	0.0	10.0
39	212139068734			10.0	0.0	10.0

40	212139069110			10.0	0.0	10.0
41	212139070874			10.0	0.0	10.0
42	202039071867			10.0	0.0	10.0
43	212139068727			10.0	0.0	10.0
44	202039062851			10.0	0.0	10.0
45	212139068864			10.0	0.0	10.0
46	21109044314			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			11.5	0.0	11.5
2	212139075388			10.0	0.0	10.0
3	212139075374			10.0	0.0	10.0
4	212139075171			14.0	0.0	14.0
5	212139075356			15.5	0.0	15.5
6	212139075299			12.0	0.0	12.0
7	212139075106			18.0	0.0	18.0
8	212139057659			14.5	0.0	14.5
9	212139075350			10.0	0.0	10.0
10	212139075210			13.75	0.0	13.75
11	212139055716			14.0	0.0	14.0
12	212139075096			12.5	0.0	12.5
13	212139075163			10.0	0.0	10.0
14	212139075255			12.0	0.0	12.0

15	212139075109			17.75	0.0	17.75
16	212139075174			10.5	0.0	10.5
17	202039062021			10.0	0.0	10.0
18	212139075466			12.0	0.0	12.0
19	212139075383			10.0	0.0	10.0
20	202039067771			10.0	0.0	10.0
21	212139075108			13.0	0.0	13.0
22	212139075176			10.0	0.0	10.0
23	212139075322			15.0	0.0	15.0
24	212139075184			9.0	0.0	9.0
25	212139075169			10.0	0.0	10.0
26	212139075197			14.0	0.0	14.0
27	212139075245			10.0	0.0	10.0
28	212139075395			10.0	0.0	10.0
29	212139075179			10.0	0.0	10.0
30	212139078243			10.0	0.0	10.0
31	212139075400			13.5	0.0	13.5
32	212139075143			10.0	0.0	10.0
33	212139075365			10.0	0.0	10.0
34	212139075258			10.0	0.0	10.0
35	212139075380			10.0	0.0	10.0
36	212139075418			11.0	0.0	11.0
37	212139078219			10.0	0.0	10.0
38	212139075250			10.0	0.0	10.0
39	212139075248			11.0	0.0	11.0
40	212139075306			13.0	0.0	13.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			10.0	0.0	10.0
2	212139076561			10.5	0.0	10.5
3	212139076636			10.0	0.0	10.0
4	212139076066			10.0	0.0	10.0
5	212139075680			10.0	0.0	10.0
6	212139075679			13.75	0.0	13.75
7	212139076098			12.75	0.0	12.75
8	212139076128			10.0	0.0	10.0
9	212139076591			10.0	0.0	10.0
10	212139075691			10.0	0.0	10.0
11	212139076090			10.0	0.0	10.0
12	212139075719			10.0	0.0	10.0
13	212139076065			10.0	0.0	10.0
14	212139076510			10.0	0.0	10.0
15	202039070615			10.0	0.0	10.0
16	212139075732			10.0	0.0	10.0
17	212139075722			16.25	0.0	16.25
18	212139076602			15.0	0.0	15.0
19	212139076560			10.0	0.0	10.0
20	212139073253			10.0	0.0	10.0
21	212139076141			13.75	0.0	13.75
22	212139076642			10.0	0.0	10.0
23	212139075688			10.0	0.0	10.0
24	212139075730			10.0	0.0	10.0
25	212139068870			11.0	0.0	11.0
26	212139075742			10.0	0.0	10.0
27	212139076088			10.0	0.0	10.0
28	212139075729			14.0	0.0	14.0
29	212139076545			10.0	0.0	10.0
30	212139076508			10.0	0.0	10.0
31	212139076564			10.0	0.0	10.0
32	212139075684			10.0	0.0	10.0
33	212139076647			10.0	0.0	10.0
34	212139075816			10.0	0.0	10.0
35	212139066895			9.0	0.0	9.0
36	212139076646			9.0	0.0	9.0
37	212139075839			10.0	0.0	10.0
38	212139068593			10.0	0.0	10.0
39	212139076064			10.0	0.0	10.0

40	212139076558			12.0	0.0	12.0
41	212139075717			14.0	0.0	14.0
42	212139076569			13.0	0.0	13.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			10.0	0.0	10.0
2	212139077363			10.0	0.0	10.0
3	212139077021			11.0	0.0	11.0
4	212139077022			10.0	0.0	10.0
5	212139078162			10.0	0.0	10.0
6	212139077036			11.0	0.0	11.0
7	212139077444			10.0	0.0	10.0
8	212139077408			17.5	0.0	17.5
9	212139077007			12.0	0.0	12.0
10	212139077440			11.5	0.0	11.5
11	212139077516			13.0	0.0	13.0
12	212139077364			11.0	0.0	11.0
13	212139077345			9.0	0.0	9.0
14	212139076998			10.0	0.0	10.0

15	212139076940			9.0	0.0	9.0
16	212139076986			10.0	0.0	10.0
17	212139077041			10.0	0.0	10.0
18	212139077394			10.0	0.0	10.0
19	212139077451			10.0	0.0	10.0
20	212139077441			10.25	0.0	10.25
21	212139076942			10.0	0.0	10.0
22	212139077420			15.0	0.0	15.0
23	212139077004			10.0	0.0	10.0
24	212139077410			10.0	0.0	10.0
25	212139078154			10.0	0.0	10.0
26	171739074249			9.0	0.0	9.0
27	212139077367			10.0	0.0	10.0
28	212139077344			10.0	0.0	10.0
29	212139076995			10.0	0.0	10.0
30	212139077405			10.0	0.0	10.0
31	212139076957			9.0	0.0	9.0
32	212139076962			10.0	0.0	10.0
33	212139076983			10.0	0.0	10.0
34	212139077034			10.0	0.0	10.0
35	212139076931			9.75	0.0	9.75
36	212139076960			10.0	0.0	10.0
37	212139076937			10.0	0.0	10.0
38	212139076946			10.0	0.0	10.0
39	212139076994			10.5	0.0	10.5
40	202039049806			10.5	0.0	10.5
41	212139077006			10.0	0.0	10.0
42	212139077450			10.0	0.0	10.0
43	212139077539			10.0	0.0	10.0
44	212139077035			10.0	0.0	10.0
45	212139076954			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:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			10.0	0.0	10.0
2	212139078239			10.0	0.0	10.0
3	212139077839			10.0	0.0	10.0
4	212139078200			10.0	0.0	10.0
5	212139077531			10.0	0.0	10.0
6	212139077437			10.0	0.0	10.0
7	212139075187			9.0	0.0	9.0
8	212139078253			10.0	0.0	10.0
9	212139078208			10.0	0.0	10.0
10	212139077449			10.0	0.0	10.0
11	212139078412			10.0	0.0	10.0
12	212139077802			13.75	0.0	13.75
13	212139077847			10.0	0.0	10.0
14	212139075390			14.0	0.0	14.0
15	212139077803			10.0	0.0	10.0
16	212139078141			10.0	0.0	10.0
17	212139077916			10.0	0.0	10.0
18	212139077904			10.0	0.0	10.0
19	212139078131			10.0	0.0	10.0
20	212139077455			10.0	0.0	10.0
21	212139077787			10.0	0.0	10.0
22	212139078191			10.0	0.0	10.0
23	212139078147			0.0	0.0	0.0
24	212139078179			10.5	0.0	10.5
25	202039070867			10.0	0.0	10.0
26	212139069741			11.0	0.0	11.0
27	212139077476			10.0	0.0	10.0
28	212139077521			10.0	0.0	10.0
29	202039070052			10.0	0.0	10.0
30	212139077390			10.0	0.0	10.0
31	212139078206			14.0	0.0	14.0
32	212139078121			13.0	0.0	13.0
33	212139078151			10.0	0.0	10.0
34	212139078119			10.0	0.0	10.0
35	212139078220			0.0	0.0	0.0
36	212139077487			10.5	0.0	10.5
37	212139078240			10.0	0.0	10.0
38	212139078442			10.0	0.0	10.0
39	212139078599			10.0	0.0	10.0

40	212139077361			10.0	0.0	10.0
41	22109041891			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: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			10.0	0.0	10.0
2	212139078885			12.0	0.0	12.0
3	212139078913			10.0	0.0	10.0
4	212139078827			10.0	0.0	10.0
5	212139078822			10.0	0.0	10.0
6	212139078934			10.0	0.0	10.0
7	212139079259			10.0	0.0	10.0
8	212139078884			10.0	0.0	10.0
9	212139078870			10.0	0.0	10.0
10	212139079258			11.0	0.0	11.0
11	212139078879			9.0	0.0	9.0
12	212139083789			10.0	0.0	10.0
13	212139079232			10.0	0.0	10.0
14	212139078926			10.0	0.0	10.0

15	212139078849			10.0	0.0	10.0
16	212139084572			10.0	0.0	10.0
17	212139078623			10.0	0.0	10.0
18	212139084194			10.0	0.0	10.0
19	212139078631			12.0	0.0	12.0
20	212139078882			10.5	0.0	10.5
21	212139078993			10.0	0.0	10.0
22	212139078590			10.0	0.0	10.0
23	212139084004			18.5	0.0	18.5
24	212139083753			10.0	0.0	10.0
25	212139079244			10.5	0.0	10.5
26	212139079457			10.0	0.0	10.0
27	212139079124			15.5	0.0	15.5
28	202039068458			10.0	0.0	10.0
29	212139079511			10.0	0.0	10.0
30	212139078929			10.25	0.0	10.25
31	212139078977			10.0	0.0	10.0
32	212139078902			13.75	0.0	13.75
33	212139084039			10.0	0.0	10.0
34	212139079286			10.0	0.0	10.0
35	212139079136			0.0	0.0	0.0
36	212139079122			10.0	0.0	10.0
37	212139078979			10.0	0.0	10.0
38	212139079426			10.0	0.0	10.0
39	212139072714			10.0	0.0	10.0
40	181839072974			12.5	0.0	12.5
41	212139078919			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			10.0	0.0	10.0
2	212139068944			10.0	0.0	10.0
3	212139068803			10.5	0.0	10.5
4	202039065303			11.0	0.0	11.0
5	212139069059			10.0	0.0	10.0
6	212139068955			10.0	0.0	10.0
7	212139068833			10.5	0.0	10.5
8	212139068790			10.0	0.0	10.0
9	212139069007			10.0	0.0	10.0
10	212139069136			10.0	0.0	10.0
11	212139069006			10.0	0.0	10.0
12	212139072663			10.5	0.0	10.5
13	212139069026			10.0	0.0	10.0
14	212139068621			10.0	0.0	10.0
15	212139068739			10.0	0.0	10.0
16	212139068762			10.0	0.0	10.0
17	212139068956			10.5	0.0	10.5
18	212139069024			13.0	0.0	13.0
19	212139069935			18.0	0.0	18.0
20	212139069014			10.0	0.0	10.0
21	212139068922			10.0	0.0	10.0
22	212139069083			10.0	0.0	10.0
23	212139068624			10.0	0.0	10.0
24	212139068810			10.0	0.0	10.0
25	212139071353			10.0	0.0	10.0
26	212139078171			10.0	0.0	10.0
27	212139068857			11.5	0.0	11.5
28	202039076696			10.0	0.0	10.0
29	212139069035			10.0	0.0	10.0
30	212139068799			18.0	0.0	18.0
31	212139068863			14.0	0.0	14.0
32	212139068587			10.0	0.0	10.0
33	212139069022			10.0	0.0	10.0
34	212139069013			10.5	0.0	10.5
35	171734024835			10.0	0.0	10.0
36	212139068741			10.0	0.0	10.0
37	212139069040			16.0	0.0	16.0
38	212139068911			10.0	0.0	10.0
39	212139068768			14.0	0.0	14.0

40	212139068793			10.0	0.0	10.0
41	212139068700			10.0	0.0	10.0
42	212139069213			10.0	0.0	10.0
43	212139068858			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			10.0	0.0	10.0
2	212139069945			10.0	0.0	10.0
3	212139069266			10.0	0.0	10.0
4	212139069089			13.0	0.0	13.0
5	212139069115			10.0	0.0	10.0
6	212139069953			10.0	0.0	10.0
7	202039071631			10.0	0.0	10.0
8	212139070837			19.0	0.0	19.0
9	202039065524			10.0	0.0	10.0
10	212139068893			10.0	0.0	10.0
11	212139069678			10.0	0.0	10.0
12	212139069677			10.0	0.0	10.0
13	212139068735			10.0	0.0	10.0
14	212139069875			10.0	0.0	10.0

15	212139069896			10.0	0.0	10.0
16	212139069186			10.0	0.0	10.0
17	212139069125			10.0	0.0	10.0
18	212139069714			10.0	0.0	10.0
19	212139069612			10.0	0.0	10.0
20	212139069718			10.5	0.0	10.5
21	212139071786			10.0	0.0	10.0
22	212139069956			10.0	0.0	10.0
23	212139069777			10.0	0.0	10.0
24	212139069976			10.0	0.0	10.0
25	212139069847			10.0	0.0	10.0
26	212139069161			10.0	0.0	10.0
27	212139069060			9.0	0.0	9.0
28	212139069068			14.0	0.0	14.0
29	212139069910			10.0	0.0	10.0
30	212139069233			10.0	0.0	10.0
31	212139069909			10.0	0.0	10.0
32	212139069127			10.0	0.0	10.0
33	212139069868			10.0	0.0	10.0
34	212139069774			10.0	0.0	10.0
35	212139069639			10.0	0.0	10.0
36	212139069866			10.0	0.0	10.0
37	212139069109			10.0	0.0	10.0
38	212139069676			13.0	0.0	13.0
39	212139069069			10.0	0.0	10.0
40	212139069762			10.0	0.0	10.0
41	212139069681			10.0	0.0	10.0
42	212139074538			10.0	0.0	10.0
43	212139069695			10.0	0.0	10.0
44	212139068677			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			10.0	0.0	10.0
2	212139070449			16.0	0.0	16.0
3	212139070466			10.0	0.0	10.0
4	212139068801			14.0	0.0	14.0
5	212139070395			10.0	0.0	10.0
6	212139070481			10.0	0.0	10.0
7	212139069962			10.0	0.0	10.0
8	212139069955			14.0	0.0	14.0
9	212139070068			0.0	0.0	0.0
10	212139070538			10.0	0.0	10.0
11	212139070491			10.0	0.0	10.0
12	212139070372			14.0	0.0	14.0
13	212139070478			10.0	0.0	10.0
14	212139069879			13.0	0.0	13.0
15	212139070470			10.0	0.0	10.0
16	212139070370			10.0	0.0	10.0
17	212139070396			10.0	0.0	10.0
18	212139070575			9.0	0.0	9.0
19	212139070460			11.0	0.0	11.0
20	212139070406			10.0	0.0	10.0
21	212139070475			10.0	0.0	10.0
22	212139069928			10.0	0.0	10.0
23	212139069864			11.5	0.0	11.5
24	212139073658			9.0	0.0	9.0
25	212139070424			10.0	0.0	10.0
26	212139070568			10.0	0.0	10.0
27	212139070584			14.0	0.0	14.0
28	212139070403			14.0	0.0	14.0
29	212139070422			10.0	0.0	10.0
30	212139070386			10.0	0.0	10.0
31	212139070442			10.0	0.0	10.0
32	212139070529			14.0	0.0	14.0
33	212139070574			9.5	0.0	9.5
34	212139070429			13.5	0.0	13.5
35	212139070548			10.0	0.0	10.0
36	212139070595			10.0	0.0	10.0
37	202039065186			10.0	0.0	10.0
38	212139069936			10.0	0.0	10.0
39	212139069154			10.0	0.0	10.0

40	212139070572			10.0	0.0	10.0
41	212139070913			10.0	0.0	10.0
42	202039062656			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			12.0	0.0	12.0
2	212139068595			10.0	0.0	10.0
3	212139070647			10.0	0.0	10.0
4	212139070836			10.0	0.0	10.0
5	212139070578			12.5	0.0	12.5
6	212139070881			10.0	0.0	10.0
7	212139070973			16.0	0.0	16.0
8	212139070612			10.5	0.0	10.5
9	212139071325			10.0	0.0	10.0
10	212139070592			11.0	0.0	11.0
11	212139069078			10.0	0.0	10.0
12	212139071007			10.0	0.0	10.0
13	212139086929			10.0	0.0	10.0
14	212139071337			10.0	0.0	10.0

15	212139070972			10.0	0.0	10.0
16	212139071319			10.0	0.0	10.0
17	212139073636			10.0	0.0	10.0
18	212139070580			10.0	0.0	10.0
19	212139070869			10.0	0.0	10.0
20	212139070839			10.0	0.0	10.0
21	212139070940			12.0	0.0	12.0
22	212139070843			10.0	0.0	10.0
23	212139070974			10.0	0.0	10.0
24	212139070609			10.0	0.0	10.0
25	212139071742			10.0	0.0	10.0
26	212139070999			10.0	0.0	10.0
27	212139070928			10.0	0.0	10.0
28	212139070998			10.0	0.0	10.0
29	212139071323			10.0	0.0	10.0
30	212139071398			10.0	0.0	10.0
31	212139070587			10.0	0.0	10.0
32	212139070617			12.0	0.0	12.0
33	212139072532			10.0	0.0	10.0
34	212139068826			10.0	0.0	10.0
35	212139071347			11.5	0.0	11.5
36	212139070412			10.0	0.0	10.0
37	212139071351			13.5	0.0	13.5
38	212139078215			10.0	0.0	10.0
39	212139071301			10.0	0.0	10.0
40	212139070873			10.0	0.0	10.0
41	212139070885			10.0	0.0	10.0
42	212139070899			10.0	0.0	10.0
43	212139069944			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			10.0	0.0	10.0
2	212139071297			10.0	0.0	10.0
3	212139072429			10.0	0.0	10.0
4	212139072411			10.0	0.0	10.0
5	212139071850			10.0	0.0	10.0
6	212139072425			10.0	0.0	10.0
7	212139071394			10.0	0.0	10.0
8	212139071355			14.5	0.0	14.5
9	202039069696			10.0	0.0	10.0
10	212139072383			12.0	0.0	12.0
11	212139072595			10.0	0.0	10.0
12	212139071829			10.0	0.0	10.0
13	212139071324			10.0	0.0	10.0
14	212139072351			10.0	0.0	10.0
15	212139072396			10.0	0.0	10.0
16	212139079128			10.0	0.0	10.0
17	202039072232			10.0	0.0	10.0
18	212139071721			12.0	0.0	12.0
19	212139071747			10.0	0.0	10.0
20	212139072653			10.0	0.0	10.0
21	212139072394			10.0	0.0	10.0
22	212139072357			10.0	0.0	10.0
23	212139071770			11.0	0.0	11.0
24	212139071783			12.0	0.0	12.0
25	212139072424			10.0	0.0	10.0
26	212139071399			10.0	0.0	10.0
27	212139071397			9.0	0.0	9.0
28	212139072363			10.0	0.0	10.0
29	212139071738			10.0	0.0	10.0
30	212139072473			10.0	0.0	10.0
31	212139072479			18.0	0.0	18.0
32	212139071788			10.0	0.0	10.0
33	212139070072			10.0	0.0	10.0
34	212139071403			10.0	0.0	10.0
35	212139071302			10.0	0.0	10.0
36	212139071744			12.0	0.0	12.0
37	212139071354			12.0	0.0	12.0
38	212139071377			13.0	0.0	13.0
39	212139072380			10.0	0.0	10.0

40	212139072639			10.0	0.0	10.0
41	212139072426			13.75	0.0	13.75
42	212139072428			10.0	0.0	10.0
43	212139072456			10.0	0.0	10.0
44	212139069768			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			10.0	0.0	10.0
2	212139072512			10.0	0.0	10.0
3	212139072597			10.0	0.0	10.0
4	212139072416			10.5	0.0	10.5
5	212139072583			11.0	0.0	11.0
6	212139073309			10.0	0.0	10.0
7	212139073287			10.0	0.0	10.0
8	212139072693			10.0	0.0	10.0
9	212139073233			10.0	0.0	10.0
10	212139072658			10.0	0.0	10.0
11	202039061892			10.0	0.0	10.0
12	212139072702			10.0	0.0	10.0
13	212139073215			10.0	0.0	10.0
14	212139072648			10.0	0.0	10.0

15	212139072718			10.0	0.0	10.0
16	212139084875			10.0	0.0	10.0
17	212139073197			10.0	0.0	10.0
18	212139073195			10.0	0.0	10.0
19	212139073307			10.0	0.0	10.0
20	212139072413			10.0	0.0	10.0
21	202039076036			10.0	0.0	10.0
22	212139072483			10.0	0.0	10.0
23	212139072671			13.0	0.0	13.0
24	212139073388			10.0	0.0	10.0
25	212139072518			10.0	0.0	10.0
26	212139072694			13.5	0.0	13.5
27	212139073221			10.0	0.0	10.0
28	212139072644			10.0	0.0	10.0
29	202039070933			10.0	0.0	10.0
30	212139072504			10.0	0.0	10.0
31	212139072901			10.0	0.0	10.0
32	212139072556			10.0	0.0	10.0
33	212139074534			10.0	0.0	10.0
34	212139072535			10.0	0.0	10.0
35	212139073243			12.5	0.0	12.5
36	212139072836			10.0	0.0	10.0
37	212139072591			10.0	0.0	10.0
38	212139072569			10.0	0.0	10.0
39	212139072462			10.0	0.0	10.0
40	212139072748			12.0	0.0	12.0
41	212139072666			10.0	0.0	10.0
42	212139072650			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** environnement et développement durable / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			10.0	0.0	10.0
2	212139073270			10.0	0.0	10.0
3	202039061959			10.0	0.0	10.0
4	212139073623			10.5	0.0	10.5
5	212139073981			10.0	0.0	10.0
6	212139073963			10.0	0.0	10.0
7	212139073971			10.0	0.0	10.0
8	212139073953			10.0	0.0	10.0
9	212139073183			11.0	0.0	11.0
10	212139073640			10.0	0.0	10.0
11	212139074004			17.5	0.0	17.5
12	212139073709			10.0	0.0	10.0
13	202039066829			10.0	0.0	10.0
14	212139073292			10.0	0.0	10.0
15	212139073984			10.0	0.0	10.0
16	212139073203			10.0	0.0	10.0
17	212139073964			10.0	0.0	10.0
18	212139074016			10.0	0.0	10.0
19	212139073721			10.0	0.0	10.0
20	212139073607			10.0	0.0	10.0
21	212139073263			10.0	0.0	10.0
22	212139073713			10.0	0.0	10.0
23	212139073622			10.0	0.0	10.0
24	212139073650			10.0	0.0	10.0
25	212139073605			10.0	0.0	10.0
26	212139073988			10.0	0.0	10.0
27	212139073628			10.0	0.0	10.0
28	212139073592			10.0	0.0	10.0
29	212139073631			10.0	0.0	10.0
30	212139073196			10.0	0.0	10.0
31	212139074063			12.0	0.0	12.0
32	212139073720			10.0	0.0	10.0
33	212139073611			10.0	0.0	10.0
34	212139073655			10.0	0.0	10.0
35	212139070941			10.0	0.0	10.0
36	212139073711			10.5	0.0	10.5
37	212139073693			10.5	0.0	10.5
38	212139073289			10.0	0.0	10.0
39	212139073298			10.0	0.0	10.0

40	212139073715			10.0	0.0	10.0
41	212139073608			10.0	0.0	10.0
42	212139073710			10.5	0.0	10.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: environnement et developpement durable / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			10.0	0.0	10.0
2	212139074444			10.0	0.0	10.0
3	212139074050			10.0	0.0	10.0
4	212139074413			10.0	0.0	10.0
5	212139074375			10.0	0.0	10.0
6	212139074449			10.0	0.0	10.0
7	212139074555			10.0	0.0	10.0
8	212139075099			14.0	0.0	14.0
9	212139074448			10.0	0.0	10.0
10	202039062667			10.0	0.0	10.0
11	212139074588			10.0	0.0	10.0
12	212139074051			10.0	0.0	10.0
13	212139074360			10.0	0.0	10.0
14	212139074584			10.0	0.0	10.0

15	212139074072			11.0	0.0	11.0
16	212139074378			10.0	0.0	10.0
17	212139074567			10.0	0.0	10.0
18	212139073954			10.0	0.0	10.0
19	212139074359			10.0	0.0	10.0
20	212139074412			10.0	0.0	10.0
21	212139074416			10.0	0.0	10.0
22	191939063581			11.65	0.0	11.65
23	212139077481			10.0	0.0	10.0
24	212139074065			9.0	0.0	9.0
25	212139074398			10.0	0.0	10.0
26	212139074529			10.0	0.0	10.0
27	212139074109			14.5	0.0	14.5
28	212139074437			10.0	0.0	10.0
29	212139074480			10.0	0.0	10.0
30	212139074005			10.0	0.0	10.0
31	212139073957			10.0	0.0	10.0
32	212139074026			10.0	0.0	10.0
33	212139074423			10.0	0.0	10.0
34	212139074483			10.0	0.0	10.0
35	212139074547			10.0	0.0	10.0
36	212139074015			10.0	0.0	10.0
37	212139074502			10.0	0.0	10.0
38	202039063333			10.0	0.0	10.0
39	212139074542			10.0	0.0	10.0
40	212139074443			10.0	0.0	10.0
41	212139074082			10.0	0.0	10.0
42	212139074092			12.0	0.0	12.0
43	202039064192			10.0	0.0	10.0
44	212139074491			10.0	0.0	10.0
45	212139073980			10.0	0.0	10.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			13.5	0.0	13.5
2	212139084252			12.0	0.0	12.0
3	212139069711			8.0	0.0	8.0
4	212139068626			19.0	0.0	19.0
5	212139068736			13.5	0.0	13.5
6	212139068588			10.5	0.0	10.5
7	212139084983			13.0	0.0	13.0
8	202039071871			14.5	0.0	14.5
9	212134023109			14.0	0.0	14.0
10	191939069998			0.0	0.0	0.0
11	212139068683			15.5	0.0	15.5
12	212139058597			17.0	0.0	17.0
13	212139066947			13.5	0.0	13.5
14	212139069053			14.5	0.0	14.5
15	212139068608			14.0	0.0	14.0
16	212139068668			12.5	0.0	12.5
17	212139070495			13.5	0.0	13.5
18	202039070574			0.0	0.0	0.0
19	202039063521			0.0	0.0	0.0
20	212139079153			11.5	0.0	11.5
21	202039069714			11.5	0.0	11.5
22	212139068590			15.0	0.0	15.0
23	202039063511			15.0	0.0	15.0
24	212139068710			10.5	0.0	10.5
25	212139070916			14.0	0.0	14.0
26	212139068617			13.0	0.0	13.0
27	212139057061			13.0	0.0	13.0
28	212139068963			13.0	0.0	13.0
29	212139068657			15.0	0.0	15.0
30	212139068722			17.0	0.0	17.0
31	212139068949			18.0	0.0	18.0
32	212132001555			15.0	0.0	15.0
33	202039065139			15.0	0.0	15.0
34	212139055924			12.0	0.0	12.0
35	212139068594			11.0	0.0	11.0
36	212139068678			14.5	0.0	14.5
37	212139086757			15.0	0.0	15.0
38	212139068632			14.0	0.0	14.0
39	212139068734			11.0	0.0	11.0

40	212139069110			13.0	0.0	13.0
41	212139070874			10.0	0.0	10.0
42	202039071867			13.5	0.0	13.5
43	212139068727			13.0	0.0	13.0
44	202039062851			13.0	0.0	13.0
45	212139068864			14.0	0.0	14.0
46	21109044314			17.0	0.0	17.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			10.0	0.0	10.0
2	212139075388			12.0	0.0	12.0
3	212139075374			12.5	0.0	12.5
4	212139075171			14.5	0.0	14.5
5	212139075356			15.0	0.0	15.0
6	212139075299			14.0	0.0	14.0
7	212139075106			16.0	0.0	16.0
8	212139057659			14.5	0.0	14.5
9	212139075350			16.0	0.0	16.0
10	212139075210			15.0	0.0	15.0
11	212139055716			15.5	0.0	15.5
12	212139075096			15.0	0.0	15.0
13	212139075163			14.5	0.0	14.5
14	212139075255			16.0	0.0	16.0

15	212139075109			16.0	0.0	16.0
16	212139075174			11.5	0.0	11.5
17	202039062021			0.0	0.0	0.0
18	212139075466			17.0	0.0	17.0
19	212139075383			7.0	0.0	7.0
20	202039067771			0.0	0.0	0.0
21	212139075108			14.0	0.0	14.0
22	212139075176			14.0	0.0	14.0
23	212139075322			14.0	0.0	14.0
24	212139075184			6.5	0.0	6.5
25	212139075169			12.5	0.0	12.5
26	212139075197			15.0	0.0	15.0
27	212139075245			16.0	0.0	16.0
28	212139075395			15.0	0.0	15.0
29	212139075179			13.5	0.0	13.5
30	212139078243			17.0	0.0	17.0
31	212139075400			14.0	0.0	14.0
32	212139075143			17.0	0.0	17.0
33	212139075365			15.0	0.0	15.0
34	212139075258			15.0	0.0	15.0
35	212139075380			17.0	0.0	17.0
36	212139075418			15.0	0.0	15.0
37	212139078219			5.5	0.0	5.5
38	212139075250			15.0	0.0	15.0
39	212139075248			17.0	0.0	17.0
40	212139075306			15.0	0.0	15.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			9.0	0.0	9.0
2	212139076561			15.5	0.0	15.5
3	212139076636			16.0	0.0	16.0
4	212139076066			16.0	0.0	16.0
5	212139075680			12.5	0.0	12.5
6	212139075679			15.5	0.0	15.5
7	212139076098			11.5	0.0	11.5
8	212139076128			12.0	0.0	12.0
9	212139076591			18.0	0.0	18.0
10	212139075691			18.0	0.0	18.0
11	212139076090			17.5	0.0	17.5
12	212139075719			17.0	0.0	17.0
13	212139076065			10.0	0.0	10.0
14	212139076510			17.0	0.0	17.0
15	202039070615			0.0	0.0	0.0
16	212139075732			13.5	0.0	13.5
17	212139075722			15.0	0.0	15.0
18	212139076602			19.0	0.0	19.0
19	212139076560			15.5	0.0	15.5
20	212139073253			0.0	0.0	0.0
21	212139076141			17.0	0.0	17.0
22	212139076642			12.0	0.0	12.0
23	212139075688			17.0	0.0	17.0
24	212139075730			15.5	0.0	15.5
25	212139068870			6.0	0.0	6.0
26	212139075742			17.0	0.0	17.0
27	212139076088			12.5	0.0	12.5
28	212139075729			14.5	0.0	14.5
29	212139076545			15.5	0.0	15.5
30	212139076508			14.0	0.0	14.0
31	212139076564			11.5	0.0	11.5
32	212139075684			14.0	0.0	14.0
33	212139076647			14.5	0.0	14.5
34	212139075816			14.5	0.0	14.5
35	212139066895			13.0	0.0	13.0
36	212139076646			13.5	0.0	13.5
37	212139075839			16.0	0.0	16.0
38	212139068593			5.0	0.0	5.0
39	212139076064			15.0	0.0	15.0

40	212139076558			13.0	0.0	13.0
41	212139075717			16.0	0.0	16.0
42	212139076569			14.5	0.0	14.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et déontologie universitaire / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			9.0	0.0	9.0
2	212139077363			4.0	0.0	4.0
3	212139077021			16.0	0.0	16.0
4	212139077022			12.0	0.0	12.0
5	212139078162			13.5	0.0	13.5
6	212139077036			15.0	0.0	15.0
7	212139077444			14.0	0.0	14.0
8	212139077408			15.0	0.0	15.0
9	212139077007			14.0	0.0	14.0
10	212139077440			15.0	0.0	15.0
11	212139077516			16.0	0.0	16.0
12	212139077364			15.5	0.0	15.5
13	212139077345			8.0	0.0	8.0
14	212139076998			14.5	0.0	14.5

15	212139076940			10.0	0.0	10.0
16	212139076986			15.0	0.0	15.0
17	212139077041			16.0	0.0	16.0
18	212139077394			13.0	0.0	13.0
19	212139077451			17.0	0.0	17.0
20	212139077441			14.0	0.0	14.0
21	212139076942			16.0	0.0	16.0
22	212139077420			14.0	0.0	14.0
23	212139077004			13.5	0.0	13.5
24	212139077410			17.0	0.0	17.0
25	212139078154			15.0	0.0	15.0
26	171739074249			12.0	0.0	12.0
27	212139077367			14.5	0.0	14.5
28	212139077344			14.0	0.0	14.0
29	212139076995			15.0	0.0	15.0
30	212139077405			17.0	0.0	17.0
31	212139076957			12.0	0.0	12.0
32	212139076962			11.5	0.0	11.5
33	212139076983			14.5	0.0	14.5
34	212139077034			12.0	0.0	12.0
35	212139076931			6.0	0.0	6.0
36	212139076960			17.0	0.0	17.0
37	212139076937			9.0	0.0	9.0
38	212139076946			9.0	0.0	9.0
39	212139076994			12.5	0.0	12.5
40	202039049806			15.5	0.0	15.5
41	212139077006			12.0	0.0	12.0
42	212139077450			14.0	0.0	14.0
43	212139077539			14.0	0.0	14.0
44	212139077035			14.0	0.0	14.0
45	212139076954			13.5	0.0	13.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			11.0	0.0	11.0
2	212139078239			12.0	0.0	12.0
3	212139077839			12.5	0.0	12.5
4	212139078200			13.0	0.0	13.0
5	212139077531			13.0	0.0	13.0
6	212139077437			13.0	0.0	13.0
7	212139075187			14.5	0.0	14.5
8	212139078253			15.5	0.0	15.5
9	212139078208			13.0	0.0	13.0
10	212139077449			17.0	0.0	17.0
11	212139078412			17.0	0.0	17.0
12	212139077802			17.0	0.0	17.0
13	212139077847			10.5	0.0	10.5
14	212139075390			15.0	0.0	15.0
15	212139077803			14.5	0.0	14.5
16	212139078141			13.0	0.0	13.0
17	212139077916			16.5	0.0	16.5
18	212139077904			12.5	0.0	12.5
19	212139078131			15.0	0.0	15.0
20	212139077455			16.0	0.0	16.0
21	212139077787			15.0	0.0	15.0
22	212139078191			15.0	0.0	15.0
23	212139078147			15.0	0.0	15.0
24	212139078179			0.0	0.0	0.0
25	202039070867			0.0	0.0	0.0
26	212139069741			0.0	0.0	0.0
27	212139077476			10.5	0.0	10.5
28	212139077521			10.5	0.0	10.5
29	202039070052			16.5	0.0	16.5
30	212139077390			4.5	0.0	4.5
31	212139078206			10.5	0.0	10.5
32	212139078121			18.5	0.0	18.5
33	212139078151			14.5	0.0	14.5
34	212139078119			13.5	0.0	13.5
35	212139078220			15.0	0.0	15.0
36	212139077487			13.0	0.0	13.0
37	212139078240			14.5	0.0	14.5
38	212139078442			16.0	0.0	16.0
39	212139078599			12.0	0.0	12.0

40	212139077361			10.0	0.0	10.0
41	22109041891			7.5	0.0	7.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			15.0	0.0	15.0
2	212139078885			17.0	0.0	17.0
3	212139078913			16.0	0.0	16.0
4	212139078827			10.0	0.0	10.0
5	212139078822			14.0	0.0	14.0
6	212139078934			0.0	0.0	0.0
7	212139079259			14.5	0.0	14.5
8	212139078884			17.0	0.0	17.0
9	212139078870			6.0	0.0	6.0
10	212139079258			11.5	0.0	11.5
11	212139078879			10.0	0.0	10.0
12	212139083789			10.0	0.0	10.0
13	212139079232			14.0	0.0	14.0
14	212139078926			17.0	0.0	17.0

15	212139078849			14.0	0.0	14.0
16	212139084572			11.5	0.0	11.5
17	212139078623			15.0	0.0	15.0
18	212139084194			14.5	0.0	14.5
19	212139078631			17.0	0.0	17.0
20	212139078882			16.0	0.0	16.0
21	212139078993			17.5	0.0	17.5
22	212139078590			15.0	0.0	15.0
23	212139084004			18.0	0.0	18.0
24	212139083753			18.0	0.0	18.0
25	212139079244			12.5	0.0	12.5
26	212139079457			15.0	0.0	15.0
27	212139079124			19.5	0.0	19.5
28	202039068458			0.0	0.0	0.0
29	212139079511			15.0	0.0	15.0
30	212139078929			9.0	0.0	9.0
31	212139078977			13.0	0.0	13.0
32	212139078902			18.0	0.0	18.0
33	212139084039			17.0	0.0	17.0
34	212139079286			17.0	0.0	17.0
35	212139079136			16.5	0.0	16.5
36	212139079122			15.5	0.0	15.5
37	212139078979			13.5	0.0	13.5
38	212139079426			17.0	0.0	17.0
39	212139072714			5.0	0.0	5.0
40	181839072974			19.0	0.0	19.0
41	212139078919			15.5	0.0	15.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			13.5	0.0	13.5
2	212139068944			11.5	0.0	11.5
3	212139068803			15.0	0.0	15.0
4	202039065303			0.0	0.0	0.0
5	212139069059			13.5	0.0	13.5
6	212139068955			15.0	0.0	15.0
7	212139068833			5.0	0.0	5.0
8	212139068790			16.0	0.0	16.0
9	212139069007			10.0	0.0	10.0
10	212139069136			13.0	0.0	13.0
11	212139069006			18.5	0.0	18.5
12	212139072663			13.5	0.0	13.5
13	212139069026			15.0	0.0	15.0
14	212139068621			15.0	0.0	15.0
15	212139068739			11.5	0.0	11.5
16	212139068762			13.0	0.0	13.0
17	212139068956			12.5	0.0	12.5
18	212139069024			14.5	0.0	14.5
19	212139069935			9.0	0.0	9.0
20	212139069014			14.0	0.0	14.0
21	212139068922			14.0	0.0	14.0
22	212139069083			12.0	0.0	12.0
23	212139068624			16.0	0.0	16.0
24	212139068810			13.0	0.0	13.0
25	212139071353			11.5	0.0	11.5
26	212139078171			10.0	0.0	10.0
27	212139068857			18.5	0.0	18.5
28	202039076696			0.0	0.0	0.0
29	212139069035			17.0	0.0	17.0
30	212139068799			17.0	0.0	17.0
31	212139068863			14.0	0.0	14.0
32	212139068587			16.5	0.0	16.5
33	212139069022			16.0	0.0	16.0
34	212139069013			5.0	0.0	5.0
35	171734024835			0.0	0.0	0.0
36	212139068741			8.0	0.0	8.0
37	212139069040			19.0	0.0	19.0
38	212139068911			16.0	0.0	16.0
39	212139068768			12.0	0.0	12.0

40	212139068793			15.0	0.0	15.0
41	212139068700			13.5	0.0	13.5
42	212139069213			12.0	0.0	12.0
43	212139068858			12.5	0.0	12.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			16.0	0.0	16.0
2	212139069945			12.0	0.0	12.0
3	212139069266			15.5	0.0	15.5
4	212139069089			17.0	0.0	17.0
5	212139069115			15.0	0.0	15.0
6	212139069953			13.0	0.0	13.0
7	202039071631			0.0	0.0	0.0
8	212139070837			10.5	0.0	10.5
9	202039065524			13.5	0.0	13.5
10	212139068893			12.0	0.0	12.0
11	212139069678			11.0	0.0	11.0
12	212139069677			14.0	0.0	14.0
13	212139068735			17.0	0.0	17.0
14	212139069875			14.0	0.0	14.0

15	212139069896			13.0	0.0	13.0
16	212139069186			15.0	0.0	15.0
17	212139069125			13.0	0.0	13.0
18	212139069714			8.0	0.0	8.0
19	212139069612			8.5	0.0	8.5
20	212139069718			14.0	0.0	14.0
21	212139071786			17.0	0.0	17.0
22	212139069956			19.0	0.0	19.0
23	212139069777			15.0	0.0	15.0
24	212139069976			12.5	0.0	12.5
25	212139069847			16.0	0.0	16.0
26	212139069161			15.0	0.0	15.0
27	212139069060			13.5	0.0	13.5
28	212139069068			13.0	0.0	13.0
29	212139069910			13.0	0.0	13.0
30	212139069233			16.0	0.0	16.0
31	212139069909			17.0	0.0	17.0
32	212139069127			16.0	0.0	16.0
33	212139069868			13.0	0.0	13.0
34	212139069774			17.5	0.0	17.5
35	212139069639			12.5	0.0	12.5
36	212139069866			14.0	0.0	14.0
37	212139069109			13.5	0.0	13.5
38	212139069676			17.0	0.0	17.0
39	212139069069			19.0	0.0	19.0
40	212139069762			14.0	0.0	14.0
41	212139069681			7.0	0.0	7.0
42	212139074538			13.5	0.0	13.5
43	212139069695			13.0	0.0	13.0
44	212139068677			11.5	0.0	11.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			13.5	0.0	13.5
2	212139070449			7.0	0.0	7.0
3	212139070466			9.0	0.0	9.0
4	212139068801			9.5	0.0	9.5
5	212139070395			10.0	0.0	10.0
6	212139070481			19.0	0.0	19.0
7	212139069962			12.5	0.0	12.5
8	212139069955			17.0	0.0	17.0
9	212139070068			11.0	0.0	11.0
10	212139070538			9.0	0.0	9.0
11	212139070491			13.0	0.0	13.0
12	212139070372			12.0	0.0	12.0
13	212139070478			15.5	0.0	15.5
14	212139069879			19.0	0.0	19.0
15	212139070470			12.5	0.0	12.5
16	212139070370			16.0	0.0	16.0
17	212139070396			14.5	0.0	14.5
18	212139070575			14.0	0.0	14.0
19	212139070460			16.5	0.0	16.5
20	212139070406			10.0	0.0	10.0
21	212139070475			13.5	0.0	13.5
22	212139069928			19.0	0.0	19.0
23	212139069864			13.5	0.0	13.5
24	212139073658			4.0	0.0	4.0
25	212139070424			14.0	0.0	14.0
26	212139070568			11.0	0.0	11.0
27	212139070584			19.0	0.0	19.0
28	212139070403			15.0	0.0	15.0
29	212139070422			10.0	0.0	10.0
30	212139070386			14.5	0.0	14.5
31	212139070442			17.0	0.0	17.0
32	212139070529			11.5	0.0	11.5
33	212139070574			10.5	0.0	10.5
34	212139070429			12.0	0.0	12.0
35	212139070548			0.0	0.0	0.0
36	212139070595			12.0	0.0	12.0
37	202039065186			16.5	0.0	16.5
38	212139069936			15.0	0.0	15.0
39	212139069154			15.5	0.0	15.5

40	212139070572			14.5	0.0	14.5
41	212139070913			15.0	0.0	15.0
42	202039062656			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: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			16.0	0.0	16.0
2	212139068595			13.0	0.0	13.0
3	212139070647			14.5	0.0	14.5
4	212139070836			12.5	0.0	12.5
5	212139070578			18.0	0.0	18.0
6	212139070881			13.0	0.0	13.0
7	212139070973			19.0	0.0	19.0
8	212139070612			15.0	0.0	15.0
9	212139071325			13.5	0.0	13.5
10	212139070592			18.0	0.0	18.0
11	212139069078			13.5	0.0	13.5
12	212139071007			15.0	0.0	15.0
13	212139086929			15.0	0.0	15.0
14	212139071337			12.0	0.0	12.0

15	212139070972			15.0	0.0	15.0
16	212139071319			12.0	0.0	12.0
17	212139073636			10.0	0.0	10.0
18	212139070580			10.5	0.0	10.5
19	212139070869			11.0	0.0	11.0
20	212139070839			15.0	0.0	15.0
21	212139070940			12.0	0.0	12.0
22	212139070843			13.0	0.0	13.0
23	212139070974			10.0	0.0	10.0
24	212139070609			11.5	0.0	11.5
25	212139071742			11.5	0.0	11.5
26	212139070999			12.5	0.0	12.5
27	212139070928			13.0	0.0	13.0
28	212139070998			14.0	0.0	14.0
29	212139071323			14.0	0.0	14.0
30	212139071398			4.0	0.0	4.0
31	212139070587			11.5	0.0	11.5
32	212139070617			13.0	0.0	13.0
33	212139072532			12.0	0.0	12.0
34	212139068826			14.0	0.0	14.0
35	212139071347			10.0	0.0	10.0
36	212139070412			17.0	0.0	17.0
37	212139071351			9.0	0.0	9.0
38	212139078215			12.0	0.0	12.0
39	212139071301			15.0	0.0	15.0
40	212139070873			17.0	0.0	17.0
41	212139070885			15.0	0.0	15.0
42	212139070899			13.0	0.0	13.0
43	212139069944			12.0	0.0	12.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			0.0	0.0	0.0
2	212139071297			13.0	0.0	13.0
3	212139072429			9.5	0.0	9.5
4	212139072411			11.0	0.0	11.0
5	212139071850			10.5	0.0	10.5
6	212139072425			11.0	0.0	11.0
7	212139071394			14.0	0.0	14.0
8	212139071355			12.0	0.0	12.0
9	202039069696			0.0	0.0	0.0
10	212139072383			17.0	0.0	17.0
11	212139072595			11.0	0.0	11.0
12	212139071829			13.0	0.0	13.0
13	212139071324			14.5	0.0	14.5
14	212139072351			14.0	0.0	14.0
15	212139072396			15.0	0.0	15.0
16	212139079128			15.5	0.0	15.5
17	202039072232			0.0	0.0	0.0
18	212139071721			14.0	0.0	14.0
19	212139071747			13.5	0.0	13.5
20	212139072653			12.0	0.0	12.0
21	212139072394			12.5	0.0	12.5
22	212139072357			11.0	0.0	11.0
23	212139071770			17.0	0.0	17.0
24	212139071783			17.0	0.0	17.0
25	212139072424			12.0	0.0	12.0
26	212139071399			14.0	0.0	14.0
27	212139071397			16.0	0.0	16.0
28	212139072363			10.5	0.0	10.5
29	212139071738			16.0	0.0	16.0
30	212139072473			16.0	0.0	16.0
31	212139072479			17.0	0.0	17.0
32	212139071788			11.0	0.0	11.0
33	212139070072			12.0	0.0	12.0
34	212139071403			12.0	0.0	12.0
35	212139071302			13.5	0.0	13.5
36	212139071744			18.0	0.0	18.0
37	212139071354			8.0	0.0	8.0
38	212139071377			14.0	0.0	14.0
39	212139072380			13.5	0.0	13.5

40	212139072639			15.5	0.0	15.5
41	212139072426			18.0	0.0	18.0
42	212139072428			14.5	0.0	14.5
43	212139072456			15.0	0.0	15.0
44	212139069768			18.0	0.0	18.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			13.0	0.0	13.0
2	212139072512			3.0	0.0	3.0
3	212139072597			13.0	0.0	13.0
4	212139072416			13.5	0.0	13.5
5	212139072583			4.0	0.0	4.0
6	212139073309			10.0	0.0	10.0
7	212139073287			10.5	0.0	10.5
8	212139072693			14.5	0.0	14.5
9	212139073233			13.0	0.0	13.0
10	212139072658			14.0	0.0	14.0
11	202039061892			7.0	0.0	7.0
12	212139072702			15.0	0.0	15.0
13	212139073215			18.0	0.0	18.0
14	212139072648			12.0	0.0	12.0

15	212139072718			11.0	0.0	11.0
16	212139084875			14.5	0.0	14.5
17	212139073197			10.0	0.0	10.0
18	212139073195			17.0	0.0	17.0
19	212139073307			18.5	0.0	18.5
20	212139072413			8.5	0.0	8.5
21	202039076036			0.0	0.0	0.0
22	212139072483			14.0	0.0	14.0
23	212139072671			16.0	0.0	16.0
24	212139073388			14.5	0.0	14.5
25	212139072518			16.5	0.0	16.5
26	212139072694			17.0	0.0	17.0
27	212139073221			13.5	0.0	13.5
28	212139072644			14.0	0.0	14.0
29	202039070933			0.0	0.0	0.0
30	212139072504			15.0	0.0	15.0
31	212139072901			12.5	0.0	12.5
32	212139072556			6.0	0.0	6.0
33	212139074534			11.0	0.0	11.0
34	212139072535			18.0	0.0	18.0
35	212139073243			16.0	0.0	16.0
36	212139072836			14.0	0.0	14.0
37	212139072591			17.0	0.0	17.0
38	212139072569			13.0	0.0	13.0
39	212139072462			10.0	0.0	10.0
40	212139072748			16.0	0.0	16.0
41	212139072666			17.0	0.0	17.0
42	212139072650			13.0	0.0	13.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** éthique et deontologie universitaire / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			13.0	0.0	13.0
2	212139073270			15.0	0.0	15.0
3	202039061959			0.0	0.0	0.0
4	212139073623			5.0	0.0	5.0
5	212139073981			16.5	0.0	16.5
6	212139073963			13.0	0.0	13.0
7	212139073971			8.0	0.0	8.0
8	212139073953			14.0	0.0	14.0
9	212139073183			17.5	0.0	17.5
10	212139073640			12.0	0.0	12.0
11	212139074004			18.0	0.0	18.0
12	212139073709			18.0	0.0	18.0
13	202039066829			10.5	0.0	10.5
14	212139073292			16.0	0.0	16.0
15	212139073984			8.0	0.0	8.0
16	212139073203			11.0	0.0	11.0
17	212139073964			13.5	0.0	13.5
18	212139074016			18.0	0.0	18.0
19	212139073721			13.0	0.0	13.0
20	212139073607			14.5	0.0	14.5
21	212139073263			14.5	0.0	14.5
22	212139073713			12.0	0.0	12.0
23	212139073622			14.0	0.0	14.0
24	212139073650			14.5	0.0	14.5
25	212139073605			13.5	0.0	13.5
26	212139073988			14.5	0.0	14.5
27	212139073628			13.0	0.0	13.0
28	212139073592			13.5	0.0	13.5
29	212139073631			11.5	0.0	11.5
30	212139073196			16.0	0.0	16.0
31	212139074063			13.5	0.0	13.5
32	212139073720			17.0	0.0	17.0
33	212139073611			14.5	0.0	14.5
34	212139073655			15.0	0.0	15.0
35	212139070941			11.0	0.0	11.0
36	212139073711			12.0	0.0	12.0
37	212139073693			16.0	0.0	16.0
38	212139073289			13.0	0.0	13.0
39	212139073298			9.0	0.0	9.0

40	212139073715			15.5	0.0	15.5
41	212139073608			13.5	0.0	13.5
42	212139073710			13.5	0.0	13.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: éthique et deontologie universitaire / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			12.5	0.0	12.5
2	212139074444			12.5	0.0	12.5
3	212139074050			12.0	0.0	12.0
4	212139074413			11.5	0.0	11.5
5	212139074375			14.5	0.0	14.5
6	212139074449			13.0	0.0	13.0
7	212139074555			12.0	0.0	12.0
8	212139075099			11.0	0.0	11.0
9	212139074448			11.0	0.0	11.0
10	202039062667			0.0	0.0	0.0
11	212139074588			11.5	0.0	11.5
12	212139074051			12.0	0.0	12.0
13	212139074360			15.0	0.0	15.0
14	212139074584			12.5	0.0	12.5

15	212139074072			12.0	0.0	12.0
16	212139074378			17.0	0.0	17.0
17	212139074567			10.5	0.0	10.5
18	212139073954			17.0	0.0	17.0
19	212139074359			11.5	0.0	11.5
20	212139074412			14.0	0.0	14.0
21	212139074416			11.0	0.0	11.0
22	191939063581			0.0	0.0	0.0
23	212139077481			13.0	0.0	13.0
24	212139074065			17.0	0.0	17.0
25	212139074398			12.0	0.0	12.0
26	212139074529			12.5	0.0	12.5
27	212139074109			11.5	0.0	11.5
28	212139074437			10.0	0.0	10.0
29	212139074480			12.0	0.0	12.0
30	212139074005			13.0	0.0	13.0
31	212139073957			16.5	0.0	16.5
32	212139074026			11.0	0.0	11.0
33	212139074423			14.5	0.0	14.5
34	212139074483			16.5	0.0	16.5
35	212139074547			12.0	0.0	12.0
36	212139074015			10.5	0.0	10.5
37	212139074502			14.5	0.0	14.5
38	202039063333			0.0	0.0	0.0
39	212139074542			13.5	0.0	13.5
40	212139074443			15.0	0.0	15.0
41	212139074082			15.0	0.0	15.0
42	212139074092			12.5	0.0	12.5
43	202039064192			12.5	0.0	12.5
44	212139074491			16.5	0.0	16.5
45	212139073980			12.0	0.0	12.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			2.5	15.1	7.54
2	212139084252			3.0	14.2	7.48
3	212139069711			1.0	14.1	6.24
4	212139068626			10.0	14.4	11.76
5	212139068736			1.0	14.2	6.28
6	212139068588			4.0	13.9	7.96
7	212139084983			7.5	13.8	10.02
8	202039071871			6.5	16.5	10.5
9	212134023109			8.5	15.4	11.26
10	191939069998			0.0	0.0	0.0
11	212139068683			5.0	15.4	9.16
12	212139058597			6.5	15.7	10.18
13	212139066947			1.5	15.1	6.94
14	212139069053			5.0	15.8	9.32
15	212139068608			4.0	13.9	7.96
16	212139068668			1.0	14.5	6.4
17	212139070495			1.5	11.2	5.38
18	202039070574			3.0	14.0	7.4
19	202039063521			0.0	0.0	0.0
20	212139079153			1.0	15.1	6.64
21	202039069714			4.0	13.4	7.76
22	212139068590			3.75	15.4	8.41
23	202039063511			13.0	16.4	14.36
24	212139068710			3.0	14.7	7.68
25	212139070916			3.0	15.4	7.96
26	212139068617			1.0	13.9	6.16
27	212139057061			6.25	15.1	9.79
28	212139068963			5.75	15.1	9.49
29	212139068657			6.5	16.0	10.3
30	212139068722			6.5	15.1	9.94
31	212139068949			4.0	14.8	8.32
32	212132001555			9.0	13.1	10.64
33	202039065139			6.0	15.7	9.88
34	212139055924			7.0	15.7	10.48
35	212139068594			3.0	14.1	7.44
36	212139068678			7.5	14.8	10.42
37	212139086757			5.5	13.9	8.86
38	212139068632			11.5	16.9	13.66
39	212139068734			1.5	14.1	6.54

40	212139069110			3.5	15.7	8.38
41	212139070874			2.5	14.4	7.26
42	202039071867			2.5	15.4	7.66
43	212139068727			17.0	14.8	16.12
44	202039062851			3.0	13.8	7.32
45	212139068864			4.0	15.1	8.44
46	21109044314			9.0	16.5	12.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			9.0	16.8	12.12
2	212139075388			3.25	15.45	8.13
3	212139075374			0.75	14.3	6.17
4	212139075171			6.5	15.15	9.96
5	212139075356			11.0	15.8	12.92
6	212139075299			14.75	16.1	15.29
7	212139075106			12.0	16.1	13.64
8	212139057659			2.25	16.2	7.83
9	212139075350			4.5	15.5	8.9
10	212139075210			13.5	16.8	14.82
11	212139055716			6.5	17.1	10.74
12	212139075096			11.5	16.2	13.38
13	212139075163			5.5	16.05	9.72
14	212139075255			10.0	16.35	12.54

15	212139075109			12.5	15.95	13.88
16	212139075174			0.5	13.1	5.54
17	202039062021			0.0	0.0	0.0
18	212139075466			6.0	14.6	9.44
19	212139075383			5.0	14.25	8.7
20	202039067771			0.0	0.0	0.0
21	212139075108			9.0	15.2	11.48
22	212139075176			1.25	12.5	5.75
23	212139075322			9.0	16.5	12.0
24	212139075184			1.25	14.6	6.59
25	212139075169			2.25	14.85	7.29
26	212139075197			11.75	16.2	13.53
27	212139075245			6.75	16.5	10.65
28	212139075395			6.0	15.3	9.72
29	212139075179			4.5	15.9	9.06
30	212139078243			9.25	14.0	11.15
31	212139075400			7.25	15.7	10.63
32	212139075143			9.5	15.3	11.82
33	212139075365			7.25	15.7	10.63
34	212139075258			11.0	16.8	13.32
35	212139075380			2.25	14.4	7.11
36	212139075418			13.0	16.5	14.4
37	212139078219			3.0	14.3	7.52
38	212139075250			1.25	14.6	6.59
39	212139075248			1.0	16.5	7.2
40	212139075306			7.0	16.2	10.68

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			5.25	13.8	8.67
2	212139076561			6.5	14.2	9.58
3	212139076636			3.75	14.0	7.85
4	212139076066			9.0	16.0	11.8
5	212139075680			1.0	14.2	6.28
6	212139075679			11.0	15.9	12.96
7	212139076098			4.5	14.5	8.5
8	212139076128			8.25	13.65	10.41
9	212139076591			12.75	15.0	13.65
10	212139075691			7.0	14.9	10.16
11	212139076090			5.0	15.3	9.12
12	212139075719			6.0	15.65	9.86
13	212139076065			2.5	15.1	7.54
14	212139076510			4.75	16.0	9.25
15	202039070615			0.0	0.0	0.0
16	212139075732			2.5	15.9	7.86
17	212139075722			12.0	17.2	14.08
18	212139076602			17.5	15.2	16.58
19	212139076560			5.25	15.3	9.27
20	212139073253			0.25	7.8	3.27
21	212139076141			3.75	15.4	8.41
22	212139076642			4.5	16.7	9.38
23	212139075688			0.75	15.2	6.53
24	212139075730			8.25	15.5	11.15
25	212139068870			5.75	13.8	8.97
26	212139075742			10.0	16.9	12.76
27	212139076088			0.0	16.4	6.56
28	212139075729			6.75	16.8	10.77
29	212139076545			1.25	16.7	7.43
30	212139076508			1.75	15.0	7.05
31	212139076564			1.0	13.9	6.16
32	212139075684			2.25	14.3	7.07
33	212139076647			8.5	13.4	10.46
34	212139075816			4.0	17.2	9.28
35	212139066895			1.5	15.0	6.9
36	212139076646			3.75	15.6	8.49
37	212139075839			12.0	16.3	13.72
38	212139068593			0.25	14.4	5.91
39	212139076064			4.5	13.6	8.14

40	212139076558			5.5	15.3	9.42
41	212139075717			12.25	16.2	13.83
42	212139076569			15.0	17.6	16.04

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			2.0	15.7	7.48
2	212139077363			6.0	14.2	9.28
3	212139077021			17.0	15.9	16.56
4	212139077022			2.0	15.0	7.2
5	212139078162			0.25	14.8	6.07
6	212139077036			7.5	14.3	10.22
7	212139077444			7.5	16.3	11.02
8	212139077408			19.0	17.0	18.2
9	212139077007			4.0	14.7	8.28
10	212139077440			15.0	15.9	15.36
11	212139077516			6.0	16.8	10.32
12	212139077364			7.0	15.3	10.32
13	212139077345			0.25	14.8	6.07
14	212139076998			12.0	14.5	13.0

15	212139076940			3.0	15.3	7.92
16	212139076986			3.0	15.3	7.92
17	212139077041			5.5	14.1	8.94
18	212139077394			2.0	15.6	7.44
19	212139077451			12.0	15.1	13.24
20	212139077441			18.0	16.8	17.52
21	212139076942			17.5	16.2	16.98
22	212139077420			16.0	14.6	15.44
23	212139077004			2.5	14.6	7.34
24	212139077410			8.0	14.9	10.76
25	212139078154			16.5	15.4	16.06
26	171739074249			0.25	14.3	5.87
27	212139077367			10.0	14.6	11.84
28	212139077344			4.0	14.5	8.2
29	212139076995			11.0	14.7	12.48
30	212139077405			5.0	14.7	8.88
31	212139076957			1.0	15.6	6.84
32	212139076962			2.0	14.6	7.04
33	212139076983			9.5	14.0	11.3
34	212139077034			8.0	14.6	10.64
35	212139076931			2.0	14.2	6.88
36	212139076960			15.0	12.6	14.04
37	212139076937			1.5	12.6	5.94
38	212139076946			7.0	12.0	9.0
39	212139076994			1.0	14.7	6.48
40	202039049806			10.0	15.6	12.24
41	212139077006			5.0	12.9	8.16
42	212139077450			4.0	14.0	8.0
43	212139077539			14.0	14.6	14.24
44	212139077035			8.0	14.0	10.4
45	212139076954			3.0	15.6	8.04

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			0.25	12.9	5.31
2	212139078239			9.0	14.0	11.0
3	212139077839			0.5	14.5	6.1
4	212139078200			6.0	15.8	9.92
5	212139077531			1.0	15.4	6.76
6	212139077437			4.5	13.7	8.18
7	212139075187			2.0	14.2	6.88
8	212139078253			4.5	13.1	7.94
9	212139078208			9.0	14.7	11.28
10	212139077449			11.5	14.6	12.74
11	212139078412			4.0	14.4	8.16
12	212139077802			17.0	14.5	16.0
13	212139077847			3.0	14.3	7.52
14	212139075390			15.0	16.0	15.4
15	212139077803			1.0	14.3	6.32
16	212139078141			4.0	14.6	8.24
17	212139077916			4.0	14.5	8.2
18	212139077904			0.5	13.9	5.86
19	212139078131			6.0	15.8	9.92
20	212139077455			0.25	14.0	5.75
21	212139077787			0.25	13.7	5.63
22	212139078191			10.5	15.2	12.38
23	212139078147			6.0	14.7	9.48
24	212139078179			0.5	6.0	2.7
25	202039070867			1.0	15.5	6.8
26	212139069741			0.0	13.6	5.44
27	212139077476			3.5	13.7	7.58
28	212139077521			7.0	15.1	10.24
29	202039070052			3.5	12.6	7.14
30	212139077390			3.0	12.0	6.6
31	212139078206			6.5	13.4	9.26
32	212139078121			12.0	14.9	13.16
33	212139078151			1.0	13.7	6.08
34	212139078119			2.0	14.3	6.92
35	212139078220			8.5	14.6	10.94
36	212139077487			4.0	15.1	8.44
37	212139078240			2.54	15.2	7.6
38	212139078442			5.0	14.4	8.76
39	212139078599			3.0	13.8	7.32

40	212139077361			0.5	15.7	6.58
41	22109041891			1.5	8.7	4.38

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			9.0	14.9	11.36
2	212139078885			9.0	14.4	11.16
3	212139078913			12.0	14.8	13.12
4	212139078827			5.5	13.6	8.74
5	212139078822			4.0	14.3	8.12
6	212139078934			0.0	0.0	0.0
7	212139079259			4.0	14.9	8.36
8	212139078884			1.0	13.3	5.92
9	212139078870			1.0	14.3	6.32
10	212139079258			3.0	15.5	8.0
11	212139078879			7.0	12.8	9.32
12	212139083789			0.25	14.8	6.07
13	212139079232			15.0	16.2	15.48
14	212139078926			6.5	12.4	8.86

15	212139078849			13.0	13.9	13.36
16	212139084572			7.5	14.0	10.1
17	212139078623			4.0	14.0	8.0
18	212139084194			1.5	13.4	6.26
19	212139078631			13.0	15.8	14.12
20	212139078882			3.5	12.4	7.06
21	212139078993			2.0	13.1	6.44
22	212139078590			0.25	12.8	5.27
23	212139084004			19.0	12.2	16.28
24	212139083753			7.0	15.1	10.24
25	212139079244			4.0	15.5	8.6
26	212139079457			10.0	15.8	12.32
27	212139079124			18.0	18.0	18.0
28	202039068458			0.0	0.0	0.0
29	212139079511			9.0	15.2	11.48
30	212139078929			4.0	13.4	7.76
31	212139078977			0.0	12.8	5.12
32	212139078902			15.0	12.7	14.08
33	212139084039			0.25	14.1	5.79
34	212139079286			4.0	15.5	8.6
35	212139079136			2.5	13.0	6.7
36	212139079122			0.25	13.6	5.59
37	212139078979			6.0	15.1	9.64
38	212139079426			6.5	16.4	10.46
39	212139072714			0.25	13.8	5.67
40	181839072974			10.0	14.8	11.92
41	212139078919			1.0	12.4	5.56

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			2.5	14.2	7.18
2	212139068944			15.0	16.3	15.52
3	212139068803			13.0	15.0	13.8
4	202039065303			0.0	0.0	0.0
5	212139069059			2.25	14.3	7.07
6	212139068955			11.75	15.4	13.21
7	212139068833			6.5	15.9	10.26
8	212139068790			9.5	14.8	11.62
9	212139069007			1.0	13.2	5.88
10	212139069136			5.0	12.8	8.12
11	212139069006			1.75	15.1	7.09
12	212139072663			3.25	11.6	6.59
13	212139069026			9.0	16.6	12.04
14	212139068621			4.5	13.9	8.26
15	212139068739			8.0	16.1	11.24
16	212139068762			7.0	15.1	10.24
17	212139068956			5.0	14.7	8.88
18	212139069024			5.75	13.7	8.93
19	212139069935			10.0	18.4	13.36
20	212139069014			2.5	14.0	7.1
21	212139068922			8.5	16.0	11.5
22	212139069083			2.5	11.8	6.22
23	212139068624			1.5	13.2	6.18
24	212139068810			1.5	14.1	6.54
25	212139071353			0.25	11.6	4.79
26	212139078171			1.5	11.0	5.3
27	212139068857			9.5	16.3	12.22
28	202039076696			4.0	11.6	7.04
29	212139069035			2.5	12.4	6.46
30	212139068799			13.0	16.4	14.36
31	212139068863			5.0	14.8	8.92
32	212139068587			2.0	13.0	6.4
33	212139069022			4.0	14.8	8.32
34	212139069013			2.0	14.6	7.04
35	171734024835			0.0	0.0	0.0
36	212139068741			1.5	16.7	7.58
37	212139069040			5.0	14.6	8.84
38	212139068911			10.0	16.3	12.52
39	212139068768			7.75	14.3	10.37

40	212139068793			7.25	14.1	9.99
41	212139068700			2.5	14.1	7.14
42	212139069213			1.5	13.8	6.42
43	212139068858			3.0	13.9	7.36

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			6.5	14.6	9.74
2	212139069945			2.5	13.7	6.98
3	212139069266			1.0	14.2	6.28
4	212139069089			5.0	14.2	8.68
5	212139069115			8.0	15.5	11.0
6	212139069953			11.75	15.4	13.21
7	202039071631			1.5	0.0	0.9
8	212139070837			3.25	14.1	7.59
9	202039065524			10.0	0.0	6.0
10	212139068893			3.0	14.6	7.64
11	212139069678			2.5	16.2	7.98
12	212139069677			2.0	15.0	7.2
13	212139068735			2.0	14.8	7.12
14	212139069875			1.5	15.0	6.9

15	212139069896			10.0	15.1	12.04
16	212139069186			2.5	13.7	6.98
17	212139069125			1.0	14.6	6.44
18	212139069714			1.0	12.1	5.44
19	212139069612			3.5	14.8	8.02
20	212139069718			10.25	14.0	11.75
21	212139071786			4.5	15.6	8.94
22	212139069956			0.0	14.6	5.84
23	212139069777			2.0	15.1	7.24
24	212139069976			3.75	16.2	8.73
25	212139069847			3.0	15.7	8.08
26	212139069161			8.5	14.6	10.94
27	212139069060			1.0	14.2	6.28
28	212139069068			6.25	13.8	9.27
29	212139069910			9.0	16.2	11.88
30	212139069233			6.0	15.3	9.72
31	212139069909			2.0	14.8	7.12
32	212139069127			3.0	15.4	7.96
33	212139069868			4.5	15.1	8.74
34	212139069774			3.5	14.6	7.94
35	212139069639			1.5	14.8	6.82
36	212139069866			1.5	14.5	6.7
37	212139069109			2.5	14.6	7.34
38	212139069676			3.5	14.6	7.94
39	212139069069			4.0	15.4	8.56
40	212139069762			8.0	15.0	10.8
41	212139069681			9.0	14.7	11.28
42	212139074538			1.5	10.9	5.26
43	212139069695			2.0	15.0	7.2
44	212139068677			2.0	14.0	6.8

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			3.0	14.4	7.56
2	212139070449			3.0	17.1	8.64
3	212139070466			1.5	12.6	5.94
4	212139068801			2.0	14.0	6.8
5	212139070395			8.0	16.2	11.28
6	212139070481			3.5	14.3	7.82
7	212139069962			1.5	15.0	6.9
8	212139069955			13.25	15.3	14.07
9	212139070068			1.5	13.8	6.42
10	212139070538			2.0	14.6	7.04
11	212139070491			5.5	15.6	9.54
12	212139070372			3.75	15.6	8.49
13	212139070478			1.5	13.0	6.1
14	212139069879			12.0	14.6	13.04
15	212139070470			3.5	12.9	7.26
16	212139070370			5.5	16.8	10.02
17	212139070396			1.5	14.1	6.54
18	212139070575			8.75	16.8	11.97
19	212139070460			1.75	12.9	6.21
20	212139070406			4.0	14.6	8.24
21	212139070475			2.5	14.3	7.22
22	212139069928			2.0	15.0	7.2
23	212139069864			4.25	14.3	8.27
24	212139073658			2.25	13.7	6.83
25	212139070424			5.75	16.5	10.05
26	212139070568			2.75	12.4	6.61
27	212139070584			3.5	14.9	8.06
28	212139070403			3.5	14.6	7.94
29	212139070422			4.0	14.3	8.12
30	212139070386			6.0	16.9	10.36
31	212139070442			3.0	14.5	7.6
32	212139070529			3.5	12.9	7.26
33	212139070574			1.0	14.1	6.24
34	212139070429			15.5	15.7	15.58
35	212139070548			3.0	13.3	7.12
36	212139070595			2.5	16.5	8.1
37	202039065186			8.25	14.6	10.79
38	212139069936			7.75	15.3	10.77
39	212139069154			2.5	13.6	6.94

40	212139070572			1.5	14.5	6.7
41	212139070913			1.5	15.2	6.98
42	202039062656			0.0	14.3	5.72

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			2.5	13.9	7.06
2	212139068595			1.0	13.5	6.0
3	212139070647			1.0	15.2	6.68
4	212139070836			1.25	15.1	6.79
5	212139070578			5.0	15.0	9.0
6	212139070881			2.0	12.8	6.32
7	212139070973			16.0	15.4	15.76
8	212139070612			2.75	15.8	7.97
9	212139071325			4.0	12.9	7.56
10	212139070592			2.5	14.7	7.38
11	212139069078			2.5	15.8	7.82
12	212139071007			2.0	15.5	7.4
13	212139086929			1.5	13.2	6.18
14	212139071337			1.5	14.1	6.54

15	212139070972			3.0	14.2	7.48
16	212139071319			1.5	13.9	6.46
17	212139073636			1.75	13.3	6.37
18	212139070580			3.5	14.0	7.7
19	212139070869			4.5	15.4	8.86
20	212139070839			2.75	15.5	7.85
21	212139070940			14.5	15.4	14.86
22	212139070843			5.0	15.2	9.08
23	212139070974			2.0	15.5	7.4
24	212139070609			1.5	14.6	6.74
25	212139071742			3.5	14.4	7.86
26	212139070999			2.5	14.5	7.3
27	212139070928			2.5	14.7	7.38
28	212139070998			3.5	14.7	7.98
29	212139071323			4.5	13.9	8.26
30	212139071398			2.0	14.4	6.96
31	212139070587			1.0	14.6	6.44
32	212139070617			3.5	14.6	7.94
33	212139072532			2.0	13.8	6.72
34	212139068826			5.5	13.8	8.82
35	212139071347			4.5	14.4	8.46
36	212139070412			4.0	14.3	8.12
37	212139071351			8.0	14.2	10.48
38	212139078215			1.5	12.7	5.98
39	212139071301			2.0	13.8	6.72
40	212139070873			11.0	15.4	12.76
41	212139070885			8.5	15.8	11.42
42	212139070899			3.5	15.4	8.26
43	212139069944			4.0	15.8	8.72

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			1.5	13.5	6.3
2	212139071297			4.25	14.0	8.15
3	212139072429			1.5	12.6	5.94
4	212139072411			13.0	16.0	14.2
5	212139071850			0.5	14.6	6.14
6	212139072425			1.75	14.5	6.85
7	212139071394			6.25	16.1	10.19
8	212139071355			15.75	17.6	16.49
9	202039069696			0.25	13.8	5.67
10	212139072383			15.5	15.2	15.38
11	212139072595			1.25	15.2	6.83
12	212139071829			2.0	14.0	6.8
13	212139071324			0.25	12.9	5.31
14	212139072351			4.5	13.9	8.26
15	212139072396			2.75	14.3	7.37
16	212139079128			1.0	15.6	6.84
17	202039072232			4.75	9.3	6.57
18	212139071721			6.25	15.9	10.11
19	212139071747			3.5	14.0	7.7
20	212139072653			5.75	14.6	9.29
21	212139072394			2.25	14.9	7.31
22	212139072357			5.75	12.9	8.61
23	212139071770			9.25	14.9	11.51
24	212139071783			5.5	14.0	8.9
25	212139072424			1.5	13.7	6.38
26	212139071399			2.75	12.6	6.69
27	212139071397			2.75	15.3	7.77
28	212139072363			1.5	13.7	6.38
29	212139071738			0.75	15.9	6.81
30	212139072473			8.75	13.3	10.57
31	212139072479			14.5	16.9	15.46
32	212139071788			2.0	14.0	6.8
33	212139070072			0.25	14.7	6.03
34	212139071403			10.0	16.8	12.72
35	212139071302			4.5	14.4	8.46
36	212139071744			9.75	14.6	11.69
37	212139071354			3.75	13.5	7.65
38	212139071377			2.75	12.9	6.81
39	212139072380			7.0	15.2	10.28

40	212139072639			1.75	14.9	7.01
41	212139072426			13.25	13.8	13.47
42	212139072428			9.25	12.3	10.47
43	212139072456			2.5	16.0	7.9
44	212139069768			1.0	14.1	6.24

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			11.0	13.6	12.04
2	212139072512			1.0	6.0	3.0
3	212139072597			13.0	12.8	12.92
4	212139072416			1.0	6.6	3.24
5	212139072583			15.0	17.1	15.84
6	212139073309			2.0	14.0	6.8
7	212139073287			3.0	15.2	7.88
8	212139072693			1.0	13.2	5.88
9	212139073233			4.5	14.3	8.42
10	212139072658			4.0	14.0	8.0
11	202039061892			2.0	7.2	4.08
12	212139072702			5.0	12.6	8.04
13	212139073215			13.5	15.7	14.38
14	212139072648			3.0	12.4	6.76

15	212139072718			4.0	12.2	7.28
16	212139084875			11.5	13.1	12.14
17	212139073197			1.0	12.2	5.48
18	212139073195			9.0	13.3	10.72
19	212139073307			5.0	13.9	8.56
20	212139072413			6.0	11.7	8.28
21	202039076036			0.0	12.4	4.96
22	212139072483			4.0	11.4	6.96
23	212139072671			19.0	16.8	18.12
24	212139073388			7.5	16.1	10.94
25	212139072518			1.5	13.1	6.14
26	212139072694			13.0	13.2	13.08
27	212139073221			2.0	14.0	6.8
28	212139072644			6.0	13.8	9.12
29	202039070933			4.0	13.4	7.76
30	212139072504			11.0	14.9	12.56
31	212139072901			3.0	13.0	7.0
32	212139072556			4.0	13.6	7.84
33	212139074534			10.0	14.8	11.92
34	212139072535			12.0	17.1	14.04
35	212139073243			17.0	14.5	16.0
36	212139072836			4.5	15.9	9.06
37	212139072591			4.5	14.2	8.38
38	212139072569			8.0	14.6	10.64
39	212139072462			5.0	12.2	7.88
40	212139072748			9.0	15.6	11.64
41	212139072666			2.5	12.5	6.5
42	212139072650			5.0	14.3	8.72

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** génétique / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			0.25	13.2	5.43
2	212139073270			5.75	15.9	9.81
3	202039061959			5.5	15.8	9.62
4	212139073623			1.25	14.6	6.59
5	212139073981			7.0	17.55	11.22
6	212139073963			4.75	15.3	8.97
7	212139073971			1.25	13.0	5.95
8	212139073953			0.75	15.75	6.75
9	212139073183			0.0	15.2	6.08
10	212139073640			0.25	12.15	5.01
11	212139074004			13.25	16.8	14.67
12	212139073709			5.25	13.75	8.65
13	202039066829			5.0	15.8	9.32
14	212139073292			1.75	15.05	7.07
15	212139073984			2.5	13.8	7.02
16	212139073203			4.5	16.2	9.18
17	212139073964			1.5	15.75	7.2
18	212139074016			12.0	16.4	13.76
19	212139073721			2.75	14.5	7.45
20	212139073607			1.25	14.7	6.63
21	212139073263			3.5	15.3	8.22
22	212139073713			1.0	13.05	5.82
23	212139073622			2.25	14.5	7.15
24	212139073650			10.25	14.2	11.83
25	212139073605			5.25	12.25	8.05
26	212139073988			2.25	15.8	7.67
27	212139073628			3.75	15.3	8.37
28	212139073592			1.0	14.35	6.34
29	212139073631			5.0	15.65	9.26
30	212139073196			4.25	15.8	8.87
31	212139074063			14.75	16.4	15.41
32	212139073720			1.0	13.45	5.98
33	212139073611			3.5	12.4	7.06
34	212139073655			6.75	12.85	9.19
35	212139070941			2.0	13.4	6.56
36	212139073711			1.25	15.0	6.75
37	212139073693			4.5	15.6	8.94
38	212139073289			0.75	15.2	6.53
39	212139073298			5.0	15.6	9.24

40	212139073715			2.75	14.25	7.35
41	212139073608			2.75	13.85	7.19
42	212139073710			1.0	14.3	6.32

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: génétique / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			8.5	16.2	11.58
2	212139074444			10.75	15.8	12.77
3	212139074050			1.5	14.6	6.74
4	212139074413			3.0	13.7	7.28
5	212139074375			2.75	13.2	6.93
6	212139074449			6.5	15.8	10.22
7	212139074555			4.5	13.55	8.12
8	212139075099			4.5	15.8	9.02
9	212139074448			1.75	13.9	6.61
10	202039062667			0.25	13.4	5.51
11	212139074588			2.25	12.65	6.41
12	212139074051			7.25	14.6	10.19
13	212139074360			5.5	14.55	9.12
14	212139074584			6.25	15.0	9.75

15	212139074072			12.5	13.25	12.8
16	212139074378			5.5	16.4	9.86
17	212139074567			4.0	14.5	8.2
18	212139073954			4.25	12.95	7.73
19	212139074359			3.0	12.2	6.68
20	212139074412			2.0	14.3	6.92
21	212139074416			8.0	17.05	11.62
22	191939063581			1.75	13.4	6.41
23	212139077481			4.0	14.6	8.24
24	212139074065			5.5	14.9	9.26
25	212139074398			4.5	14.55	8.52
26	212139074529			1.5	13.6	6.34
27	212139074109			9.25	16.8	12.27
28	212139074437			4.0	15.95	8.78
29	212139074480			3.5	14.9	8.06
30	212139074005			5.25	14.6	8.99
31	212139073957			7.5	16.1	10.94
32	212139074026			7.75	14.6	10.49
33	212139074423			5.5	16.8	10.02
34	212139074483			4.25	15.2	8.63
35	212139074547			0.25	12.25	5.05
36	212139074015			3.75	13.7	7.73
37	212139074502			0.75	12.55	5.47
38	202039063333			11.05	11.05	11.05
39	212139074542			3.75	13.5	7.65
40	212139074443			8.25	16.3	11.47
41	212139074082			4.0	16.2	8.88
42	212139074092			9.75	15.9	12.21
43	202039064192			5.5	15.05	9.32
44	212139074491			3.5	15.2	8.18
45	212139073980			4.0	14.0	8.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D'EXPRESSION EN ANGLAIS / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			13.5	0.0	13.5
2	212139084252			12.0	0.0	12.0
3	212139069711			8.0	0.0	8.0
4	212139068626			19.0	0.0	19.0
5	212139068736			13.5	0.0	13.5
6	212139068588			10.5	0.0	10.5
7	212139084983			13.0	0.0	13.0
8	202039071871			14.5	0.0	14.5
9	212134023109			14.0	0.0	14.0
10	191939069998			0.0	0.0	0.0
11	212139068683			15.5	0.0	15.5
12	212139058597			17.0	0.0	17.0
13	212139066947			13.5	0.0	13.5
14	212139069053			14.5	0.0	14.5
15	212139068608			14.0	0.0	14.0
16	212139068668			12.5	0.0	12.5
17	212139070495			13.5	0.0	13.5
18	202039070574			0.0	0.0	0.0
19	202039063521			0.0	0.0	0.0
20	212139079153			11.5	0.0	11.5
21	202039069714			11.5	0.0	11.5
22	212139068590			15.0	0.0	15.0
23	202039063511			15.0	0.0	15.0
24	212139068710			10.5	0.0	10.5
25	212139070916			14.0	0.0	14.0
26	212139068617			13.0	0.0	13.0
27	212139057061			13.0	0.0	13.0
28	212139068963			13.0	0.0	13.0
29	212139068657			15.0	0.0	15.0
30	212139068722			17.0	0.0	17.0
31	212139068949			18.0	0.0	18.0
32	212132001555			15.0	0.0	15.0
33	202039065139			15.0	0.0	15.0
34	212139055924			12.0	0.0	12.0
35	212139068594			11.0	0.0	11.0
36	212139068678			14.5	0.0	14.5
37	212139086757			15.0	0.0	15.0
38	212139068632			14.0	0.0	14.0
39	212139068734			11.0	0.0	11.0

40	212139069110			13.0	0.0	13.0
41	212139070874			10.0	0.0	10.0
42	202039071867			13.5	0.0	13.5
43	212139068727			13.0	0.0	13.0
44	202039062851			13.0	0.0	13.0
45	212139068864			14.0	0.0	14.0
46	21109044314			17.0	0.0	17.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			10.0	0.0	10.0
2	212139075388			12.0	0.0	12.0
3	212139075374			12.5	0.0	12.5
4	212139075171			14.5	0.0	14.5
5	212139075356			15.0	0.0	15.0
6	212139075299			14.0	0.0	14.0
7	212139075106			16.0	0.0	16.0
8	212139057659			14.5	0.0	14.5
9	212139075350			16.0	0.0	16.0
10	212139075210			15.0	0.0	15.0
11	212139055716			15.5	0.0	15.5
12	212139075096			15.0	0.0	15.0
13	212139075163			14.5	0.0	14.5
14	212139075255			16.0	0.0	16.0

15	212139075109			16.0	0.0	16.0
16	212139075174			11.5	0.0	11.5
17	202039062021			0.0	0.0	0.0
18	212139075466			17.0	0.0	17.0
19	212139075383			7.0	0.0	7.0
20	202039067771			0.0	0.0	0.0
21	212139075108			14.0	0.0	14.0
22	212139075176			13.0	0.0	13.0
23	212139075322			14.0	0.0	14.0
24	212139075184			6.5	0.0	6.5
25	212139075169			12.5	0.0	12.5
26	212139075197			15.0	0.0	15.0
27	212139075245			16.0	0.0	16.0
28	212139075395			15.0	0.0	15.0
29	212139075179			13.5	0.0	13.5
30	212139078243			17.0	0.0	17.0
31	212139075400			14.0	0.0	14.0
32	212139075143			17.0	0.0	17.0
33	212139075365			15.0	0.0	15.0
34	212139075258			15.0	0.0	15.0
35	212139075380			17.0	0.0	17.0
36	212139075418			15.0	0.0	15.0
37	212139078219			5.5	0.0	5.5
38	212139075250			15.0	0.0	15.0
39	212139075248			17.0	0.0	17.0
40	212139075306			15.0	0.0	15.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			9.0	0.0	9.0
2	212139076561			15.5	0.0	15.5
3	212139076636			16.0	0.0	16.0
4	212139076066			16.0	0.0	16.0
5	212139075680			12.5	0.0	12.5
6	212139075679			15.5	0.0	15.5
7	212139076098			11.5	0.0	11.5
8	212139076128			12.0	0.0	12.0
9	212139076591			18.0	0.0	18.0
10	212139075691			18.0	0.0	18.0
11	212139076090			17.5	0.0	17.5
12	212139075719			17.0	0.0	17.0
13	212139076065			10.0	0.0	10.0
14	212139076510			17.0	0.0	17.0
15	202039070615			0.0	0.0	0.0
16	212139075732			13.5	0.0	13.5
17	212139075722			15.0	0.0	15.0
18	212139076602			19.0	0.0	19.0
19	212139076560			15.5	0.0	15.5
20	212139073253			0.0	0.0	0.0
21	212139076141			17.0	0.0	17.0
22	212139076642			12.0	0.0	12.0
23	212139075688			17.0	0.0	17.0
24	212139075730			15.5	0.0	15.5
25	212139068870			6.0	0.0	6.0
26	212139075742			17.0	0.0	17.0
27	212139076088			12.5	0.0	12.5
28	212139075729			14.5	0.0	14.5
29	212139076545			15.5	0.0	15.5
30	212139076508			14.0	0.0	14.0
31	212139076564			11.5	0.0	11.5
32	212139075684			14.0	0.0	14.0
33	212139076647			14.5	0.0	14.5
34	212139075816			14.5	0.0	14.5
35	212139066895			13.0	0.0	13.0
36	212139076646			13.5	0.0	13.5
37	212139075839			16.0	0.0	16.0
38	212139068593			5.0	0.0	5.0
39	212139076064			15.0	0.0	15.0

40	212139076558			13.0	0.0	13.0
41	212139075717			16.0	0.0	16.0
42	212139076569			14.5	0.0	14.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			9.0	0.0	9.0
2	212139077363			4.0	0.0	4.0
3	212139077021			16.0	0.0	16.0
4	212139077022			12.0	0.0	12.0
5	212139078162			13.5	0.0	13.5
6	212139077036			15.0	0.0	15.0
7	212139077444			14.0	0.0	14.0
8	212139077408			15.0	0.0	15.0
9	212139077007			14.0	0.0	14.0
10	212139077440			15.0	0.0	15.0
11	212139077516			16.0	0.0	16.0
12	212139077364			15.5	0.0	15.5
13	212139077345			8.0	0.0	8.0
14	212139076998			14.5	0.0	14.5

15	212139076940			10.0	0.0	10.0
16	212139076986			15.0	0.0	15.0
17	212139077041			16.0	0.0	16.0
18	212139077394			13.0	0.0	13.0
19	212139077451			17.0	0.0	17.0
20	212139077441			14.0	0.0	14.0
21	212139076942			16.0	0.0	16.0
22	212139077420			14.0	0.0	14.0
23	212139077004			13.5	0.0	13.5
24	212139077410			17.0	0.0	17.0
25	212139078154			15.0	0.0	15.0
26	171739074249			12.0	0.0	12.0
27	212139077367			14.5	0.0	14.5
28	212139077344			14.0	0.0	14.0
29	212139076995			15.0	0.0	15.0
30	212139077405			17.0	0.0	17.0
31	212139076957			12.0	0.0	12.0
32	212139076962			11.5	0.0	11.5
33	212139076983			14.5	0.0	14.5
34	212139077034			12.0	0.0	12.0
35	212139076931			6.0	0.0	6.0
36	212139076960			17.0	0.0	17.0
37	212139076937			9.0	0.0	9.0
38	212139076946			9.0	0.0	9.0
39	212139076994			12.5	0.0	12.5
40	202039049806			15.5	0.0	15.5
41	212139077006			12.0	0.0	12.0
42	212139077450			14.0	0.0	14.0
43	212139077539			14.0	0.0	14.0
44	212139077035			14.0	0.0	14.0
45	212139076954			13.5	0.0	13.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			11.0	0.0	11.0
2	212139078239			12.0	0.0	12.0
3	212139077839			12.5	0.0	12.5
4	212139078200			13.0	0.0	13.0
5	212139077531			13.0	0.0	13.0
6	212139077437			13.0	0.0	13.0
7	212139075187			14.5	0.0	14.5
8	212139078253			15.5	0.0	15.5
9	212139078208			13.0	0.0	13.0
10	212139077449			17.0	0.0	17.0
11	212139078412			17.0	0.0	17.0
12	212139077802			17.0	0.0	17.0
13	212139077847			10.5	0.0	10.5
14	212139075390			15.0	0.0	15.0
15	212139077803			14.5	0.0	14.5
16	212139078141			13.0	0.0	13.0
17	212139077916			16.5	0.0	16.5
18	212139077904			12.5	0.0	12.5
19	212139078131			15.0	0.0	15.0
20	212139077455			16.0	0.0	16.0
21	212139077787			15.0	0.0	15.0
22	212139078191			15.0	0.0	15.0
23	212139078147			15.0	0.0	15.0
24	212139078179			0.0	0.0	0.0
25	202039070867			11.0	0.0	11.0
26	212139069741			0.0	0.0	0.0
27	212139077476			10.5	0.0	10.5
28	212139077521			10.5	0.0	10.5
29	202039070052			16.5	0.0	16.5
30	212139077390			4.5	0.0	4.5
31	212139078206			10.5	0.0	10.5
32	212139078121			18.5	0.0	18.5
33	212139078151			14.5	0.0	14.5
34	212139078119			13.5	0.0	13.5
35	212139078220			15.0	0.0	15.0
36	212139077487			13.0	0.0	13.0
37	212139078240			14.5	0.0	14.5
38	212139078442			16.0	0.0	16.0
39	212139078599			12.0	0.0	12.0

40	212139077361			10.0	0.0	10.0
41	22109041891			7.5	0.0	7.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			15.0	0.0	15.0
2	212139078885			17.0	0.0	17.0
3	212139078913			16.0	0.0	16.0
4	212139078827			10.0	0.0	10.0
5	212139078822			14.0	0.0	14.0
6	212139078934			0.0	0.0	0.0
7	212139079259			14.5	0.0	14.5
8	212139078884			17.0	0.0	17.0
9	212139078870			6.0	0.0	6.0
10	212139079258			11.5	0.0	11.5
11	212139078879			10.0	0.0	10.0
12	212139083789			10.0	0.0	10.0
13	212139079232			14.0	0.0	14.0
14	212139078926			17.0	0.0	17.0

15	212139078849			14.0	0.0	14.0
16	212139084572			11.5	0.0	11.5
17	212139078623			15.0	0.0	15.0
18	212139084194			14.5	0.0	14.5
19	212139078631			17.0	0.0	17.0
20	212139078882			16.0	0.0	16.0
21	212139078993			17.5	0.0	17.5
22	212139078590			15.0	0.0	15.0
23	212139084004			18.0	0.0	18.0
24	212139083753			18.0	0.0	18.0
25	212139079244			12.5	0.0	12.5
26	212139079457			15.0	0.0	15.0
27	212139079124			19.5	0.0	19.5
28	202039068458			0.0	0.0	0.0
29	212139079511			15.0	0.0	15.0
30	212139078929			9.0	0.0	9.0
31	212139078977			13.0	0.0	13.0
32	212139078902			18.0	0.0	18.0
33	212139084039			17.0	0.0	17.0
34	212139079286			17.0	0.0	17.0
35	212139079136			16.5	0.0	16.5
36	212139079122			15.5	0.0	15.5
37	212139078979			13.5	0.0	13.5
38	212139079426			17.0	0.0	17.0
39	212139072714			5.0	0.0	5.0
40	181839072974			19.0	0.0	19.0
41	212139078919			15.5	0.0	15.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			13.5	0.0	13.5
2	212139068944			11.5	0.0	11.5
3	212139068803			15.0	0.0	15.0
4	202039065303			0.0	0.0	0.0
5	212139069059			13.5	0.0	13.5
6	212139068955			15.0	0.0	15.0
7	212139068833			5.0	0.0	5.0
8	212139068790			16.0	0.0	16.0
9	212139069007			10.0	0.0	10.0
10	212139069136			13.0	0.0	13.0
11	212139069006			18.5	0.0	18.5
12	212139072663			13.5	0.0	13.5
13	212139069026			15.0	0.0	15.0
14	212139068621			15.0	0.0	15.0
15	212139068739			11.5	0.0	11.5
16	212139068762			13.0	0.0	13.0
17	212139068956			12.5	0.0	12.5
18	212139069024			14.5	0.0	14.5
19	212139069935			9.0	0.0	9.0
20	212139069014			14.0	0.0	14.0
21	212139068922			14.0	0.0	14.0
22	212139069083			12.0	0.0	12.0
23	212139068624			16.0	0.0	16.0
24	212139068810			13.0	0.0	13.0
25	212139071353			11.5	0.0	11.5
26	212139078171			10.0	0.0	10.0
27	212139068857			18.5	0.0	18.5
28	202039076696			0.0	0.0	0.0
29	212139069035			17.0	0.0	17.0
30	212139068799			17.0	0.0	17.0
31	212139068863			14.0	0.0	14.0
32	212139068587			16.5	0.0	16.5
33	212139069022			16.0	0.0	16.0
34	212139069013			5.0	0.0	5.0
35	171734024835			0.0	0.0	0.0
36	212139068741			8.0	0.0	8.0
37	212139069040			19.0	0.0	19.0
38	212139068911			16.0	0.0	16.0
39	212139068768			12.0	0.0	12.0

40	212139068793			15.0	0.0	15.0
41	212139068700			13.5	0.0	13.5
42	212139069213			12.0	0.0	12.0
43	212139068858			12.5	0.0	12.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			16.0	0.0	16.0
2	212139069945			12.0	0.0	12.0
3	212139069266			15.5	0.0	15.5
4	212139069089			17.0	0.0	17.0
5	212139069115			15.0	0.0	15.0
6	212139069953			13.0	0.0	13.0
7	202039071631			0.0	0.0	0.0
8	212139070837			10.5	0.0	10.5
9	202039065524			13.5	0.0	13.5
10	212139068893			12.0	0.0	12.0
11	212139069678			11.0	0.0	11.0
12	212139069677			14.0	0.0	14.0
13	212139068735			17.0	0.0	17.0
14	212139069875			14.0	0.0	14.0

15	212139069896			13.0	0.0	13.0
16	212139069186			15.0	0.0	15.0
17	212139069125			13.0	0.0	13.0
18	212139069714			8.0	0.0	8.0
19	212139069612			8.5	0.0	8.5
20	212139069718			14.0	0.0	14.0
21	212139071786			17.0	0.0	17.0
22	212139069956			19.0	0.0	19.0
23	212139069777			15.0	0.0	15.0
24	212139069976			12.5	0.0	12.5
25	212139069847			16.0	0.0	16.0
26	212139069161			15.0	0.0	15.0
27	212139069060			13.5	0.0	13.5
28	212139069068			13.0	0.0	13.0
29	212139069910			13.0	0.0	13.0
30	212139069233			16.0	0.0	16.0
31	212139069909			17.0	0.0	17.0
32	212139069127			16.0	0.0	16.0
33	212139069868			13.0	0.0	13.0
34	212139069774			17.5	0.0	17.5
35	212139069639			12.5	0.0	12.5
36	212139069866			14.0	0.0	14.0
37	212139069109			13.5	0.0	13.5
38	212139069676			17.0	0.0	17.0
39	212139069069			19.0	0.0	19.0
40	212139069762			14.0	0.0	14.0
41	212139069681			7.0	0.0	7.0
42	212139074538			13.5	0.0	13.5
43	212139069695			13.0	0.0	13.0
44	212139068677			11.5	0.0	11.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			13.5	0.0	13.5
2	212139070449			7.0	0.0	7.0
3	212139070466			9.0	0.0	9.0
4	212139068801			9.5	0.0	9.5
5	212139070395			10.0	0.0	10.0
6	212139070481			19.0	0.0	19.0
7	212139069962			12.5	0.0	12.5
8	212139069955			17.0	0.0	17.0
9	212139070068			11.0	0.0	11.0
10	212139070538			9.0	0.0	9.0
11	212139070491			13.0	0.0	13.0
12	212139070372			12.0	0.0	12.0
13	212139070478			15.5	0.0	15.5
14	212139069879			19.0	0.0	19.0
15	212139070470			12.5	0.0	12.5
16	212139070370			16.0	0.0	16.0
17	212139070396			14.5	0.0	14.5
18	212139070575			14.0	0.0	14.0
19	212139070460			16.5	0.0	16.5
20	212139070406			10.0	0.0	10.0
21	212139070475			13.5	0.0	13.5
22	212139069928			19.0	0.0	19.0
23	212139069864			13.5	0.0	13.5
24	212139073658			4.0	0.0	4.0
25	212139070424			14.0	0.0	14.0
26	212139070568			11.0	0.0	11.0
27	212139070584			19.0	0.0	19.0
28	212139070403			15.0	0.0	15.0
29	212139070422			10.0	0.0	10.0
30	212139070386			14.5	0.0	14.5
31	212139070442			17.0	0.0	17.0
32	212139070529			11.5	0.0	11.5
33	212139070574			10.5	0.0	10.5
34	212139070429			12.0	0.0	12.0
35	212139070548			0.0	0.0	0.0
36	212139070595			12.0	0.0	12.0
37	202039065186			13.5	0.0	13.5
38	212139069936			15.0	0.0	15.0
39	212139069154			15.5	0.0	15.5

40	212139070572			14.5	0.0	14.5
41	212139070913			15.0	0.0	15.0
42	202039062656			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: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			16.0	0.0	16.0
2	212139068595			13.0	0.0	13.0
3	212139070647			14.5	0.0	14.5
4	212139070836			12.5	0.0	12.5
5	212139070578			18.0	0.0	18.0
6	212139070881			13.0	0.0	13.0
7	212139070973			19.0	0.0	19.0
8	212139070612			15.0	0.0	15.0
9	212139071325			13.5	0.0	13.5
10	212139070592			18.0	0.0	18.0
11	212139069078			13.5	0.0	13.5
12	212139071007			15.0	0.0	15.0
13	212139086929			15.0	0.0	15.0
14	212139071337			12.0	0.0	12.0

15	212139070972			15.0	0.0	15.0
16	212139071319			12.0	0.0	12.0
17	212139073636			10.0	0.0	10.0
18	212139070580			10.5	0.0	10.5
19	212139070869			11.0	0.0	11.0
20	212139070839			15.0	0.0	15.0
21	212139070940			12.0	0.0	12.0
22	212139070843			13.0	0.0	13.0
23	212139070974			10.0	0.0	10.0
24	212139070609			11.5	0.0	11.5
25	212139071742			11.5	0.0	11.5
26	212139070999			12.5	0.0	12.5
27	212139070928			13.0	0.0	13.0
28	212139070998			14.0	0.0	14.0
29	212139071323			14.0	0.0	14.0
30	212139071398			4.0	0.0	4.0
31	212139070587			11.5	0.0	11.5
32	212139070617			13.0	0.0	13.0
33	212139072532			12.0	0.0	12.0
34	212139068826			14.0	0.0	14.0
35	212139071347			10.0	0.0	10.0
36	212139070412			17.0	0.0	17.0
37	212139071351			9.0	0.0	9.0
38	212139078215			12.0	0.0	12.0
39	212139071301			15.0	0.0	15.0
40	212139070873			17.0	0.0	17.0
41	212139070885			15.0	0.0	15.0
42	212139070899			13.0	0.0	13.0
43	212139069944			12.0	0.0	12.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			0.0	0.0	0.0
2	212139071297			13.0	0.0	13.0
3	212139072429			9.5	0.0	9.5
4	212139072411			11.0	0.0	11.0
5	212139071850			10.5	0.0	10.5
6	212139072425			11.0	0.0	11.0
7	212139071394			14.0	0.0	14.0
8	212139071355			12.0	0.0	12.0
9	202039069696			0.0	0.0	0.0
10	212139072383			17.0	0.0	17.0
11	212139072595			11.0	0.0	11.0
12	212139071829			13.0	0.0	13.0
13	212139071324			14.5	0.0	14.5
14	212139072351			14.0	0.0	14.0
15	212139072396			15.0	0.0	15.0
16	212139079128			15.5	0.0	15.5
17	202039072232			0.0	0.0	0.0
18	212139071721			14.0	0.0	14.0
19	212139071747			13.5	0.0	13.5
20	212139072653			12.0	0.0	12.0
21	212139072394			12.5	0.0	12.5
22	212139072357			11.0	0.0	11.0
23	212139071770			17.0	0.0	17.0
24	212139071783			17.0	0.0	17.0
25	212139072424			12.0	0.0	12.0
26	212139071399			14.0	0.0	14.0
27	212139071397			16.0	0.0	16.0
28	212139072363			10.5	0.0	10.5
29	212139071738			16.0	0.0	16.0
30	212139072473			16.0	0.0	16.0
31	212139072479			17.0	0.0	17.0
32	212139071788			11.0	0.0	11.0
33	212139070072			12.0	0.0	12.0
34	212139071403			12.0	0.0	12.0
35	212139071302			13.5	0.0	13.5
36	212139071744			18.0	0.0	18.0
37	212139071354			8.0	0.0	8.0
38	212139071377			14.0	0.0	14.0
39	212139072380			13.5	0.0	13.5

40	212139072639			15.5	0.0	15.5
41	212139072426			18.0	0.0	18.0
42	212139072428			14.5	0.0	14.5
43	212139072456			15.0	0.0	15.0
44	212139069768			18.0	0.0	18.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			13.0	0.0	13.0
2	212139072512			3.0	0.0	3.0
3	212139072597			13.0	0.0	13.0
4	212139072416			13.5	0.0	13.5
5	212139072583			4.0	0.0	4.0
6	212139073309			10.0	0.0	10.0
7	212139073287			10.5	0.0	10.5
8	212139072693			14.5	0.0	14.5
9	212139073233			13.0	0.0	13.0
10	212139072658			14.0	0.0	14.0
11	202039061892			7.0	0.0	7.0
12	212139072702			15.0	0.0	15.0
13	212139073215			18.0	0.0	18.0
14	212139072648			12.0	0.0	12.0

15	212139072718			11.0	0.0	11.0
16	212139084875			14.5	0.0	14.5
17	212139073197			10.0	0.0	10.0
18	212139073195			17.0	0.0	17.0
19	212139073307			18.5	0.0	18.5
20	212139072413			8.5	0.0	8.5
21	202039076036			0.0	0.0	0.0
22	212139072483			14.0	0.0	14.0
23	212139072671			16.0	0.0	16.0
24	212139073388			14.5	0.0	14.5
25	212139072518			16.5	0.0	16.5
26	212139072694			17.0	0.0	17.0
27	212139073221			13.5	0.0	13.5
28	212139072644			14.0	0.0	14.0
29	202039070933			0.0	0.0	0.0
30	212139072504			15.0	0.0	15.0
31	212139072901			12.5	0.0	12.5
32	212139072556			6.0	0.0	6.0
33	212139074534			11.0	0.0	11.0
34	212139072535			18.0	0.0	18.0
35	212139073243			16.0	0.0	16.0
36	212139072836			14.0	0.0	14.0
37	212139072591			17.0	0.0	17.0
38	212139072569			13.0	0.0	13.0
39	212139072462			10.0	0.0	10.0
40	212139072748			16.0	0.0	16.0
41	212139072666			17.0	0.0	17.0
42	212139072650			13.0	0.0	13.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			13.0	0.0	13.0
2	212139073270			15.0	0.0	15.0
3	202039061959			0.0	0.0	0.0
4	212139073623			5.0	0.0	5.0
5	212139073981			16.5	0.0	16.5
6	212139073963			13.0	0.0	13.0
7	212139073971			8.0	0.0	8.0
8	212139073953			14.0	0.0	14.0
9	212139073183			17.5	0.0	17.5
10	212139073640			12.0	0.0	12.0
11	212139074004			18.0	0.0	18.0
12	212139073709			18.0	0.0	18.0
13	202039066829			10.5	0.0	10.5
14	212139073292			16.0	0.0	16.0
15	212139073984			8.0	0.0	8.0
16	212139073203			11.0	0.0	11.0
17	212139073964			13.5	0.0	13.5
18	212139074016			18.0	0.0	18.0
19	212139073721			13.0	0.0	13.0
20	212139073607			14.5	0.0	14.5
21	212139073263			14.5	0.0	14.5
22	212139073713			12.0	0.0	12.0
23	212139073622			14.0	0.0	14.0
24	212139073650			14.5	0.0	14.5
25	212139073605			13.5	0.0	13.5
26	212139073988			14.5	0.0	14.5
27	212139073628			13.0	0.0	13.0
28	212139073592			13.5	0.0	13.5
29	212139073631			11.5	0.0	11.5
30	212139073196			16.0	0.0	16.0
31	212139074063			13.5	0.0	13.5
32	212139073720			17.0	0.0	17.0
33	212139073611			14.5	0.0	14.5
34	212139073655			15.0	0.0	15.0
35	212139070941			11.0	0.0	11.0
36	212139073711			12.0	0.0	12.0
37	212139073693			16.0	0.0	16.0
38	212139073289			13.0	0.0	13.0
39	212139073298			9.0	0.0	9.0

40	212139073715			15.5	0.0	15.5
41	212139073608			13.5	0.0	13.5
42	212139073710			13.5	0.0	13.5

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: TECHNIQUE DE COMMUNICATION ET D EXPRESSION EN ANGLAIS / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			12.5	0.0	12.5
2	212139074444			12.5	0.0	12.5
3	212139074050			12.0	0.0	12.0
4	212139074413			11.5	0.0	11.5
5	212139074375			14.5	0.0	14.5
6	212139074449			13.0	0.0	13.0
7	212139074555			12.0	0.0	12.0
8	212139075099			11.0	0.0	11.0
9	212139074448			11.0	0.0	11.0
10	202039062667			0.0	0.0	0.0
11	212139074588			11.5	0.0	11.5
12	212139074051			12.0	0.0	12.0
13	212139074360			15.0	0.0	15.0
14	212139074584			12.5	0.0	12.5

15	212139074072			12.0	0.0	12.0
16	212139074378			17.0	0.0	17.0
17	212139074567			10.5	0.0	10.5
18	212139073954			17.0	0.0	17.0
19	212139074359			11.5	0.0	11.5
20	212139074412			14.0	0.0	14.0
21	212139074416			11.0	0.0	11.0
22	191939063581			0.0	0.0	0.0
23	212139077481			13.0	0.0	13.0
24	212139074065			17.0	0.0	17.0
25	212139074398			12.0	0.0	12.0
26	212139074529			12.5	0.0	12.5
27	212139074109			11.5	0.0	11.5
28	212139074437			10.0	0.0	10.0
29	212139074480			12.0	0.0	12.0
30	212139074005			13.0	0.0	13.0
31	212139073957			16.5	0.0	16.5
32	212139074026			11.0	0.0	11.0
33	212139074423			14.5	0.0	14.5
34	212139074483			16.5	0.0	16.5
35	212139074547			12.0	0.0	12.0
36	212139074015			10.5	0.0	10.5
37	212139074502			14.5	0.0	14.5
38	202039063333			0.0	0.0	0.0
39	212139074542			13.5	0.0	13.5
40	212139074443			15.0	0.0	15.0
41	212139074082			15.0	0.0	15.0
42	212139074092			12.5	0.0	12.5
43	202039064192			12.5	0.0	12.5
44	212139074491			16.5	0.0	16.5
45	212139073980			12.0	0.0	12.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	202039067111			8.5	11.81	9.82
2	212139084252			7.0	6.38	6.75
3	212139069711			4.5	11.19	7.18
4	212139068626			8.0	10.44	8.98
5	212139068736			9.0	10.88	9.75
6	212139068588			6.5	12.0	8.7
7	212139084983			11.0	11.69	11.28
8	202039071871			9.5	11.5	10.3
9	212134023109			5.0	10.88	7.35
10	191939069998			0.0	1.5	0.6
11	212139068683			18.0	11.69	15.48
12	212139058597			10.0	14.63	11.85
13	212139066947			9.0	11.13	9.85
14	212139069053			7.5	10.94	8.88
15	212139068608			5.0	10.94	7.38
16	212139068668			8.0	11.5	9.4
17	212139070495			8.0	10.94	9.18
18	202039070574			8.5	11.88	9.85
19	202039063521			0.0	1.5	0.6
20	212139079153			7.0	10.81	8.52
21	202039069714			10.0	11.25	10.5
22	212139068590			7.5	12.0	9.3
23	202039063511			14.5	17.63	15.75
24	212139068710			7.0	11.94	8.98
25	212139070916			7.0	11.25	8.7
26	212139068617			7.0	10.88	8.55
27	212139057061			7.5	9.06	8.12
28	212139068963			13.0	16.0	14.2
29	212139068657			15.0	17.56	16.02
30	212139068722			6.0	11.19	8.08
31	212139068949			10.0	11.56	10.62
32	212132001555			8.5	11.44	9.68
33	202039065139			10.0	14.13	11.65
34	212139055924			12.5	15.69	13.78
35	212139068594			5.5	11.69	7.98
36	212139068678			9.0	16.0	11.8
37	212139086757			9.5	10.94	10.08
38	212139068632			13.5	17.19	14.98
39	212139068734			5.5	11.94	8.08

40	212139069110			11.5	15.19	12.98
41	212139070874			6.5	11.69	8.58
42	202039071867			9.0	11.81	10.12
43	212139068727			11.0	15.5	12.8
44	202039062851			5.0	12.63	8.05
45	212139068864			9.5	15.38	11.85
46	21109044314			10.0	12.38	10.95

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 10

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139075313			12.5	17.5	14.5
2	212139075388			12.0	17.5	14.2
3	212139075374			6.0	6.25	6.1
4	212139075171			11.0	15.13	12.65
5	212139075356			16.0	17.0	16.4
6	212139075299			13.5	15.0	14.1
7	212139075106			14.5	15.63	14.95
8	212139057659			8.5	12.0	9.9
9	212139075350			8.0	15.0	10.8
10	212139075210			11.5	14.38	12.65
11	212139055716			10.5	16.5	12.9
12	212139075096			12.5	16.5	14.1
13	212139075163			0.0	10.0	4.0
14	212139075255			14.0	11.5	13.0

15	212139075109			18.5	15.38	17.25
16	212139075174			4.5	5.38	4.85
17	202039062021			0.0	0.0	0.0
18	212139075466			9.0	11.75	10.1
19	212139075383			7.5	15.75	10.8
20	202039067771			3.0	0.0	1.8
21	212139075108			6.0	14.38	9.35
22	212139075176			6.0	10.13	7.65
23	212139075322			16.5	15.75	16.2
24	212139075184			6.5	10.13	7.95
25	212139075169			6.0	10.0	7.6
26	212139075197			16.0	14.13	15.25
27	212139075245			9.5	10.63	9.95
28	212139075395			9.5	16.0	12.1
29	212139075179			9.5	12.12	10.55
30	212139078243			12.5	11.5	12.1
31	212139075400			11.0	16.5	13.2
32	212139075143			8.5	10.37	9.25
33	212139075365			7.0	11.5	8.8
34	212139075258			15.0	15.87	15.35
35	212139075380			5.0	12.0	7.8
36	212139075418			9.0	17.0	12.2
37	212139078219			5.5	11.5	7.9
38	212139075250			5.5	10.13	7.35
39	212139075248			10.5	15.63	12.55
40	212139075306			7.5	16.25	11.0

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 11**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068821			5.5	10.25	7.4
2	212139076561			5.5	10.5	7.5
3	212139076636			13.0	12.38	12.75
4	212139076066			15.0	17.13	15.85
5	212139075680			8.5	10.25	9.2
6	212139075679			9.5	10.63	9.95
7	212139076098			10.0	12.0	10.8
8	212139076128			14.0	15.13	14.45
9	212139076591			13.5	17.38	15.05
10	212139075691			9.0	10.5	9.6
11	212139076090			8.5	12.5	10.1
12	212139075719			7.5	10.75	8.8
13	212139076065			6.5	16.38	10.45
14	212139076510			9.0	12.63	10.45
15	202039070615			0.0	0.0	0.0
16	212139075732			5.5	11.13	7.75
17	212139075722			10.5	16.75	13.0
18	212139076602			10.0	15.0	12.0
19	212139076560			6.5	10.75	8.2
20	212139073253			6.0	6.25	6.1
21	212139076141			13.5	14.0	13.7
22	212139076642			7.5	12.75	9.6
23	212139075688			6.0	11.38	8.15
24	212139075730			7.5	10.75	8.8
25	212139068870			6.0	10.0	7.6
26	212139075742			13.5	16.13	14.55
27	212139076088			9.0	15.13	11.45
28	212139075729			9.0	12.38	10.35
29	212139076545			8.0	16.63	11.45
30	212139076508			7.0	10.75	8.5
31	212139076564			7.0	10.5	8.4
32	212139075684			5.0	10.5	7.2
33	212139076647			14.0	15.0	14.4
34	212139075816			11.0	11.63	11.25
35	212139066895			3.5	10.88	6.45
36	212139076646			6.0	14.38	9.35
37	212139075839			15.0	15.63	15.25
38	212139068593			4.5	10.25	6.8
39	212139076064			7.0	12.13	9.05

40	212139076558			11.5	12.13	11.75
41	212139075717			11.0	17.38	13.55
42	212139076569			15.0	17.75	16.1

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 12

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139077346			16.0	12.0	14.4
2	212139077363			8.0	12.38	9.75
3	212139077021			17.0	14.25	15.9
4	212139077022			5.5	10.25	7.4
5	212139078162			5.5	11.5	7.9
6	212139077036			9.0	15.25	11.5
7	212139077444			14.0	12.63	13.45
8	212139077408			19.5	19.0	19.3
9	212139077007			6.5	13.25	9.2
10	212139077440			9.5	12.25	10.6
11	212139077516			6.0	17.13	10.45
12	212139077364			7.5	18.0	11.7
13	212139077345			3.5	12.38	7.05
14	212139076998			6.0	10.75	7.9

15	212139076940			5.5	10.25	7.4
16	212139076986			7.0	10.0	8.2
17	212139077041			7.5	11.5	9.1
18	212139077394			7.0	12.13	9.05
19	212139077451			15.5	17.0	16.1
20	212139077441			13.5	16.25	14.6
21	212139076942			10.5	16.63	12.95
22	212139077420			13.0	17.5	14.8
23	212139077004			6.0	10.75	7.9
24	212139077410			9.5	17.5	12.7
25	212139078154			9.0	11.5	10.0
26	171739074249			3.0	12.13	6.65
27	212139077367			7.0	14.13	9.85
28	212139077344			7.5	12.63	9.55
29	212139076995			20.0	18.25	19.3
30	212139077405			9.0	13.0	10.6
31	212139076957			5.0	10.0	7.0
32	212139076962			8.5	16.13	11.55
33	212139076983			9.5	16.13	12.15
34	212139077034			10.5	15.88	12.65
35	212139076931			7.5	11.5	9.1
36	212139076960			10.5	17.63	13.35
37	212139076937			5.0	11.5	7.6
38	212139076946			8.0	6.13	7.25
39	212139076994			4.5	10.25	6.8
40	202039049806			5.5	13.0	8.5
41	212139077006			8.0	11.75	9.5
42	212139077450			4.5	12.5	7.7
43	212139077539			8.5	18.5	12.5
44	212139077035			5.0	14.25	8.7
45	212139076954			5.5	10.0	7.3

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 13**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139077456			5.0	12.0	7.8
2	212139078239			9.0	18.0	12.6
3	212139077839			6.0	13.75	9.1
4	212139078200			5.0	15.25	9.1
5	212139077531			5.0	13.25	8.3
6	212139077437			10.0	12.25	10.9
7	212139075187			4.5	11.25	7.2
8	212139078253			8.0	16.75	11.5
9	212139078208			9.0	17.5	12.4
10	212139077449			14.0	14.75	14.3
11	212139078412			9.5	15.25	11.8
12	212139077802			16.5	16.75	16.6
13	212139077847			4.5	11.0	7.1
14	212139075390			12.5	17.75	14.6
15	212139077803			8.5	5.75	7.4
16	212139078141			9.0	16.75	12.1
17	212139077916			5.0	11.0	7.4
18	212139077904			5.5	11.0	7.7
19	212139078131			12.0	17.0	14.0
20	212139077455			6.5	13.25	9.2
21	212139077787			9.5	13.25	11.0
22	212139078191			12.0	16.75	13.9
23	212139078147			9.0	17.5	12.4
24	212139078179			0.0	0.0	0.0
25	202039070867			5.0	15.5	9.2
26	212139069741			7.5	0.0	4.5
27	212139077476			5.0	13.25	8.3
28	212139077521			11.5	16.25	13.4
29	202039070052			7.0	15.0	10.2
30	212139077390			5.5	15.0	9.3
31	212139078206			15.0	15.0	15.0
32	212139078121			13.5	14.5	13.9
33	212139078151			6.5	11.25	8.4
34	212139078119			3.0	14.25	7.5
35	212139078220			10.0	18.0	13.2
36	212139077487			7.0	16.25	10.7
37	212139078240			4.5	16.75	9.4
38	212139078442			6.5	15.25	10.0
39	212139078599			13.5	14.75	14.0

40	212139077361			6.5	13.0	9.1
41	22109041891			4.5	17.5	9.7

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 14

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139079157			8.0	16.56	11.42
2	212139078885			9.0	16.44	11.98
3	212139078913			9.5	15.44	11.88
4	212139078827			7.0	13.81	9.72
5	212139078822			8.5	13.38	10.45
6	212139078934			3.0	6.5	4.4
7	212139079259			9.5	14.06	11.32
8	212139078884			5.0	12.63	8.05
9	212139078870			4.5	16.44	9.28
10	212139079258			4.5	13.94	8.28
11	212139078879			5.5	15.0	9.3
12	212139083789			7.0	6.31	6.72
13	212139079232			8.0	16.94	11.58
14	212139078926			9.0	16.25	11.9

15	212139078849			10.0	15.69	12.28
16	212139084572			7.5	12.06	9.32
17	212139078623			8.5	16.19	11.58
18	212139084194			7.0	13.0	9.4
19	212139078631			14.5	16.81	15.42
20	212139078882			4.5	12.06	7.52
21	212139078993			5.0	15.38	9.15
22	212139078590			5.5	14.06	8.92
23	212139084004			14.5	16.13	15.15
24	212139083753			15.5	13.81	14.82
25	212139079244			8.0	12.94	9.98
26	212139079457			5.5	10.5	7.5
27	212139079124			17.25	17.88	17.5
28	202039068458			0.0	0.0	0.0
29	212139079511			15.5	16.0	15.7
30	212139078929			5.5	15.0	9.3
31	212139078977			5.0	11.38	7.55
32	212139078902			11.5	13.75	12.4
33	212139084039			6.5	11.94	8.68
34	212139079286			6.0	14.06	9.22
35	212139079136			5.0	14.13	8.65
36	212139079122			6.5	16.19	10.38
37	212139078979			7.0	14.06	9.82
38	212139079426			6.5	16.0	10.3
39	212139072714			6.5	13.88	9.45
40	181839072974			13.5	17.38	15.05
41	212139078919			7.0	12.56	9.22

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139068917			7.5	12.13	9.35
2	212139068944			9.5	16.5	12.3
3	212139068803			12.0	12.0	12.0
4	202039065303			0.0	0.0	0.0
5	212139069059			8.0	15.69	11.08
6	212139068955			10.0	16.5	12.6
7	212139068833			10.0	17.0	12.8
8	212139068790			13.0	12.0	12.6
9	212139069007			5.5	11.25	7.8
10	212139069136			10.0	11.88	10.75
11	212139069006			6.5	11.75	8.6
12	212139072663			6.0	12.0	8.4
13	212139069026			12.0	11.82	11.93
14	212139068621			6.0	11.63	8.25
15	212139068739			16.5	5.0	11.9
16	212139068762			8.5	11.0	9.5
17	212139068956			6.5	11.25	8.4
18	212139069024			12.5	11.75	12.2
19	212139069935			10.0	11.5	10.6
20	212139069014			7.0	11.63	8.85
21	212139068922			10.0	5.0	8.0
22	212139069083			6.0	11.82	8.33
23	212139068624			5.5	11.38	7.85
24	212139068810			6.5	11.13	8.35
25	212139071353			9.5	4.0	7.3
26	212139078171			3.5	11.57	6.73
27	212139068857			8.5	11.75	9.8
28	202039076696			10.8	10.8	10.8
29	212139069035			8.5	11.38	9.65
30	212139068799			17.0	15.82	16.53
31	212139068863			8.0	11.88	9.55
32	212139068587			5.0	11.5	7.6
33	212139069022			7.0	11.57	8.83
34	212139069013			6.0	12.75	8.7
35	171734024835			11.67	0.0	7.0
36	212139068741			10.5	13.94	11.88
37	212139069040			6.5	11.75	8.6
38	212139068911			13.5	11.94	12.88
39	212139068768			12.0	6.75	9.9

40	212139068793			6.0	11.25	8.1
41	212139068700			6.5	11.0	8.3
42	212139069213			5.0	10.5	7.2
43	212139068858			4.5	12.5	7.7

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 3

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068765			16.5	10.0	13.9
2	212139069945			3.5	11.31	6.62
3	212139069266			5.5	10.06	7.32
4	212139069089			6.0	10.06	7.62
5	212139069115			6.0	10.13	7.65
6	212139069953			10.5	15.13	12.35
7	202039071631			6.0	0.0	3.6
8	212139070837			8.5	5.0	7.1
9	202039065524			13.5	5.38	10.25
10	212139068893			4.0	10.31	6.52
11	212139069678			6.0	10.31	7.72
12	212139069677			5.5	10.0	7.3
13	212139068735			4.0	11.06	6.82
14	212139069875			6.5	11.44	8.48

15	212139069896			0.0	7.31	2.92
16	212139069186			6.5	10.31	8.02
17	212139069125			5.5	10.56	7.52
18	212139069714			6.0	11.25	8.1
19	212139069612			9.5	10.31	9.82
20	212139069718			8.0	11.44	9.38
21	212139071786			8.0	10.0	8.8
22	212139069956			9.0	11.63	10.05
23	212139069777			7.5	8.44	7.88
24	212139069976			6.5	10.63	8.15
25	212139069847			6.5	10.94	8.28
26	212139069161			6.5	10.13	7.95
27	212139069060			5.0	5.0	5.0
28	212139069068			12.0	14.63	13.05
29	212139069910			7.0	11.31	8.72
30	212139069233			11.5	15.0	12.9
31	212139069909			6.0	11.75	8.3
32	212139069127			7.5	7.88	7.65
33	212139069868			4.5	10.63	6.95
34	212139069774			8.25	11.0	9.35
35	212139069639			5.5	10.25	7.4
36	212139069866			7.0	10.0	8.2
37	212139069109			5.0	10.0	7.0
38	212139069676			11.5	11.63	11.55
39	212139069069			5.5	7.88	6.45
40	212139069762			9.0	11.31	9.92
41	212139069681			6.0	14.31	9.32
42	212139074538			5.5	11.38	7.85
43	212139069695			4.5	14.63	8.55
44	212139068677			5.0	11.31	7.52

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 4**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139074560			6.0	11.75	8.3
2	212139070449			11.0	15.75	12.9
3	212139070466			6.0	12.25	8.5
4	212139068801			4.5	11.38	7.25
5	212139070395			10.0	15.75	12.3
6	212139070481			8.0	12.31	9.72
7	212139069962			6.0	14.13	9.25
8	212139069955			12.0	17.38	14.15
9	212139070068			6.5	13.0	9.1
10	212139070538			4.0	12.31	7.32
11	212139070491			9.5	15.19	11.78
12	212139070372			7.0	13.38	9.55
13	212139070478			7.5	17.38	11.45
14	212139069879			10.0	15.06	12.02
15	212139070470			6.5	18.0	11.1
16	212139070370			10.5	19.5	14.1
17	212139070396			5.5	14.5	9.1
18	212139070575			5.5	16.69	9.98
19	212139070460			8.5	10.63	9.35
20	212139070406			12.0	19.0	14.8
21	212139070475			5.5	14.38	9.05
22	212139069928			6.5	15.75	10.2
23	212139069864			5.0	15.19	9.08
24	212139073658			4.0	11.38	6.95
25	212139070424			5.0	18.38	10.35
26	212139070568			8.0	12.44	9.78
27	212139070584			5.0	17.19	9.88
28	212139070403			6.0	17.88	10.75
29	212139070422			9.0	16.25	11.9
30	212139070386			8.0	12.75	9.9
31	212139070442			12.5	12.75	12.6
32	212139070529			11.5	11.5	11.5
33	212139070574			7.0	14.94	10.18
34	212139070429			16.0	19.88	17.55
35	212139070548			0.0	10.0	4.0
36	212139070595			6.0	16.44	10.18
37	202039065186			13.0	14.5	13.6
38	212139069936			10.0	15.5	12.2
39	212139069154			4.5	11.56	7.32

40	212139070572			7.0	16.25	10.7
41	212139070913			5.5	14.75	9.2
42	202039062656			3.0	15.13	7.85

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 5

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139068729			6.0	12.19	8.48
2	212139068595			8.0	12.88	9.95
3	212139070647			5.0	13.38	8.35
4	212139070836			12.5	16.0	13.9
5	212139070578			9.0	18.88	12.95
6	212139070881			6.0	14.0	9.2
7	212139070973			14.0	19.5	16.2
8	212139070612			8.5	19.0	12.7
9	212139071325			6.0	12.25	8.5
10	212139070592			9.5	18.88	13.25
11	212139069078			6.5	15.0	9.9
12	212139071007			7.0	15.5	10.4
13	212139086929			6.5	15.63	10.15
14	212139071337			5.5	15.38	9.45

15	212139070972			5.5	15.56	9.52
16	212139071319			5.5	15.63	9.55
17	212139073636			5.0	9.88	6.95
18	212139070580			6.0	16.5	10.2
19	212139070869			7.5	12.75	9.6
20	212139070839			6.0	14.25	9.3
21	212139070940			13.5	19.5	15.9
22	212139070843			0.0	15.25	6.1
23	212139070974			0.0	15.75	6.3
24	212139070609			4.5	16.63	9.35
25	212139071742			8.5	16.0	11.5
26	212139070999			6.0	7.75	6.7
27	212139070928			8.5	17.38	12.05
28	212139070998			7.0	17.13	11.05
29	212139071323			9.5	15.69	11.98
30	212139071398			6.0	12.0	8.4
31	212139070587			6.0	10.88	7.95
32	212139070617			6.0	14.13	9.25
33	212139072532			6.5	15.69	10.18
34	212139068826			7.5	14.25	10.2
35	212139071347			6.0	16.5	10.2
36	212139070412			7.5	12.63	9.55
37	212139071351			9.0	15.31	11.52
38	212139078215			4.5	9.88	6.65
39	212139071301			7.0	7.25	7.1
40	212139070873			7.5	19.75	12.4
41	212139070885			9.5	16.75	12.4
42	212139070899			8.0	17.5	11.8
43	212139069944			7.5	12.06	9.32

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 6**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139071385			5.5	7.63	6.35
2	212139071297			7.5	14.5	10.3
3	212139072429			6.0	12.5	8.6
4	212139072411			5.5	11.5	7.9
5	212139071850			6.5	14.0	9.5
6	212139072425			5.5	13.38	8.65
7	212139071394			11.5	16.0	13.3
8	212139071355			16.0	18.0	16.8
9	202039069696			6.5	13.13	9.15
10	212139072383			13.5	18.0	15.3
11	212139072595			10.0	15.0	12.0
12	212139071829			8.0	15.38	10.95
13	212139071324			5.0	7.25	5.9
14	212139072351			9.5	16.0	12.1
15	212139072396			6.0	17.0	10.4
16	212139079128			4.5	14.5	8.5
17	202039072232			10.5	10.5	10.5
18	212139071721			8.0	13.63	10.25
19	212139071747			6.0	14.88	9.55
20	212139072653			8.0	16.75	11.5
21	212139072394			5.5	14.13	8.95
22	212139072357			11.0	17.5	13.6
23	212139071770			9.5	17.38	12.65
24	212139071783			11.5	16.13	13.35
25	212139072424			5.5	13.25	8.6
26	212139071399			8.5	13.63	10.55
27	212139071397			8.0	8.13	8.05
28	212139072363			6.0	11.63	8.25
29	212139071738			6.0	15.13	9.65
30	212139072473			9.5	15.38	11.85
31	212139072479			18.0	16.88	17.55
32	212139071788			5.0	14.38	8.75
33	212139070072			6.0	11.88	8.35
34	212139071403			10.0	15.63	12.25
35	212139071302			6.5	15.25	10.0
36	212139071744			9.0	17.88	12.55
37	212139071354			7.5	13.63	9.95
38	212139071377			6.5	14.88	9.85
39	212139072380			5.5	16.13	9.75

40	212139072639			4.5	14.5	8.5
41	212139072426			9.5	17.38	12.65
42	212139072428			9.0	16.5	12.0
43	212139072456			3.5	16.38	8.65
44	212139069768			5.0	11.88	7.75

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 7

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074540			5.5	11.25	7.8
2	212139072512			6.5	12.5	8.9
3	212139072597			8.0	13.5	10.2
4	212139072416			6.5	10.88	8.25
5	212139072583			11.5	13.25	12.2
6	212139073309			6.0	5.88	5.95
7	212139073287			5.5	15.69	9.58
8	212139072693			6.0	11.0	8.0
9	212139073233			8.5	13.94	10.68
10	212139072658			10.0	12.5	11.0
11	202039061892			7.5	13.13	9.75
12	212139072702			5.5	10.75	7.6
13	212139073215			9.0	16.44	11.98
14	212139072648			6.0	15.0	9.6

15	212139072718			7.5	13.63	9.95
16	212139084875			8.5	13.75	10.6
17	212139073197			7.5	10.88	8.85
18	212139073195			9.0	16.75	12.1
19	212139073307			8.5	13.75	10.6
20	212139072413			8.0	14.25	10.5
21	202039076036			0.0	5.0	2.0
22	212139072483			6.5	10.0	7.9
23	212139072671			9.0	13.19	10.68
24	212139073388			6.5	11.94	8.68
25	212139072518			7.0	14.13	9.85
26	212139072694			5.0	15.0	9.0
27	212139073221			6.5	16.44	10.48
28	212139072644			7.0	10.0	8.2
29	202039070933			5.0	10.94	7.38
30	212139072504			11.0	13.88	12.15
31	212139072901			7.5	10.69	8.78
32	212139072556			6.5	12.5	8.9
33	212139074534			7.0	11.38	8.75
34	212139072535			16.5	10.69	14.18
35	212139073243			9.5	13.94	11.28
36	212139072836			14.0	13.5	13.8
37	212139072591			9.5	5.0	7.7
38	212139072569			7.0	15.69	10.48
39	212139072462			10.5	10.0	10.3
40	212139072748			15.5	16.25	15.8
41	212139072666			5.5	10.25	7.4
42	212139072650			12.0	15.25	13.3

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques**Spécialité:** sciences biologiques**Période:** Semestre 3**Matière:** zoologie / A / 8**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	212139073690			7.0	14.0	9.8
2	212139073270			9.5	13.75	11.2
3	202039061959			5.0	16.5	9.6
4	212139073623			5.0	6.25	5.5
5	212139073981			12.5	17.88	14.65
6	212139073963			5.5	12.0	8.1
7	212139073971			0.0	18.88	7.55
8	212139073953			7.0	12.5	9.2
9	212139073183			5.0	10.63	7.25
10	212139073640			7.5	11.38	9.05
11	212139074004			12.5	18.06	14.72
12	212139073709			7.0	14.0	9.8
13	202039066829			6.5	16.31	10.42
14	212139073292			4.5	14.38	8.45
15	212139073984			4.5	12.63	7.75
16	212139073203			10.0	14.69	11.88
17	212139073964			7.5	15.69	10.78
18	212139074016			11.5	17.06	13.72
19	212139073721			5.5	15.19	9.38
20	212139073607			8.0	13.63	10.25
21	212139073263			5.0	17.44	9.98
22	212139073713			6.0	11.38	8.15
23	212139073622			4.5	11.5	7.3
24	212139073650			6.5	10.25	8.0
25	212139073605			7.0	11.5	8.8
26	212139073988			6.5	15.69	10.18
27	212139073628			6.0	13.88	9.15
28	212139073592			6.0	14.06	9.22
29	212139073631			7.5	15.31	10.62
30	212139073196			6.5	13.06	9.12
31	212139074063			11.25	17.38	13.7
32	212139073720			5.5	14.63	9.15
33	212139073611			6.5	11.19	8.38
34	212139073655			7.5	11.63	9.15
35	212139070941			4.5	15.19	8.78
36	212139073711			5.5	14.06	8.92
37	212139073693			10.0	13.31	11.32
38	212139073289			6.5	8.75	7.4
39	212139073298			7.5	16.25	11.0

40	212139073715			5.5	12.31	8.22
41	212139073608			7.0	15.31	10.32
42	212139073710			11.0	12.31	11.52

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

Filière: Sciences biologiques

Spécialité: sciences biologiques

Période: Semestre 3

Matière: zoologie / A / 9

PV de délibération par matière (Session normal)

#	Matricule			Examen	CC	MG
1	212139074432			10.0	14.63	11.85
2	212139074444			12.0	13.5	12.6
3	212139074050			5.0	14.38	8.75
4	212139074413			5.5	12.19	8.18
5	212139074375			6.5	12.31	8.82
6	212139074449			5.5	14.81	9.22
7	212139074555			5.5	10.88	7.65
8	212139075099			9.0	14.25	11.1
9	212139074448			7.0	11.25	8.7
10	202039062667			7.5	7.0	7.3
11	212139074588			7.5	11.19	8.98
12	212139074051			7.5	15.06	10.52
13	212139074360			9.0	12.31	10.32
14	212139074584			9.0	13.69	10.88

15	212139074072			10.0	13.31	11.32
16	212139074378			8.5	17.13	11.95
17	212139074567			6.5	7.81	7.02
18	212139073954			9.0	14.06	11.02
19	212139074359			7.0	13.75	9.7
20	212139074412			6.0	14.13	9.25
21	212139074416			9.0	11.25	9.9
22	191939063581			3.0	6.81	4.52
23	212139077481			8.5	14.25	10.8
24	212139074065			5.0	11.88	7.75
25	212139074398			5.5	11.0	7.7
26	212139074529			8.5	11.5	9.7
27	212139074109			11.0	12.56	11.62
28	212139074437			8.0	8.5	8.2
29	212139074480			5.5	13.38	8.65
30	212139074005			6.0	12.69	8.68
31	212139073957			6.5	14.38	9.65
32	212139074026			6.0	12.69	8.68
33	212139074423			7.0	11.13	8.65
34	212139074483			6.5	12.25	8.8
35	212139074547			4.0	5.31	4.52
36	212139074015			7.0	13.31	9.52
37	212139074502			3.5	12.06	6.92
38	202039063333			10.0	10.0	10.0
39	212139074542			8.5	11.94	9.88
40	212139074443			10.5	11.75	11.0
41	212139074082			9.5	12.44	10.68
42	212139074092			10.0	12.44	10.98
43	202039064192			7.0	14.44	9.98
44	212139074491			5.5	14.75	9.2
45	212139073980			7.5	11.94	9.28

Signature de l'enseignant:

Le: