

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques  
**Spécialité:** biodiversité et physiologie végétale  
**Période:** Semestre 3  
**Matière:** bionformatique / A / 1

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			20.0	16.5	18.6
2	181839069842			8.0	13.5	10.2
3	181839065180			13.5	17.5	15.1
4	171739075702			0.0	0.0	0.0
5	21109046370			11.5	14.5	12.7
6	171739071211			16.0	14.5	15.4
7	171739076419			19.0	8.5	14.8
8	171739076049			0.0	3.0	1.2
9	171739068540			0.0	0.0	0.0
10	171739075700			20.0	16.0	18.4
11	161639067915			19.0	10.0	15.4
12	211339046881			20.0	14.5	17.8
13	181839069759			19.0	15.0	17.4
14	181839066347			17.75	15.5	16.85
15	9797822228			10.5	13.5	11.7
16	161639069009			11.5	14.5	12.7
17	161639065454			0.0	0.0	0.0
18	181839069350			16.0	17.0	16.4
19	171739075118			7.0	15.0	10.2
20	22109042459			20.0	20.0	20.0
21	21129046034			20.0	19.5	19.8
22	181839068293			20.0	18.5	19.4
23	171739071848			17.0	10.0	14.2
24	2298282706			0.0	0.0	0.0
25	161639073752			20.0	18.5	19.4
26	21129050945			20.0	18.0	19.2
27	161639069853			20.0	13.0	17.2
28	181839066209			20.0	17.0	18.8
29	181839051688			16.0	15.5	15.8
30	21109043631			14.0	15.0	14.4
31	171739072239			15.0	14.0	14.6
32	171739055280			11.0	11.0	11.0
33	181839066359			20.0	11.0	16.4
34	171739073764			20.0	12.0	16.8
35	181839066185			20.0	11.0	16.4

36	171739083759			16.0	18.0	16.8
37	171739074235			20.0	19.5	19.8

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** bionformatique / A / 2

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			10.75	18.0	13.65
2	171739072765			5.0	15.5	9.2
3	181839062769			16.0	19.0	17.2
4	171739070175			10.0	17.0	12.8
5	171739072216			18.5	16.5	17.7
6	161639071882			10.0	13.0	11.2
7	181839072698			12.5	17.0	14.3
8	181839062721			18.0	19.0	18.4
9	171739055159			17.0	19.5	18.0
10	181839065296			5.0	16.5	9.6
11	181839065302			12.0	17.0	14.0
12	171739072226			20.0	19.0	19.6
13	171739064608			10.0	10.0	10.0
14	171739072762			15.0	18.0	16.2

15	161639065583			10.75	16.0	12.85
16	171739064466			20.0	20.0	20.0
17	181839067429			10.5	19.0	13.9
18	171739081033			16.0	14.0	15.2
19	181839063790			11.5	17.5	13.9
20	171739070639			19.75	18.0	19.05
21	171739068198			5.0	7.0	5.8
22	171739065183			20.0	17.5	19.0
23	171739066652			13.0	17.0	14.6
24	171739065269			0.0	0.0	0.0
25	181839065293			12.0	16.5	13.8
26	181839062902			20.0	18.0	19.2
27	161639068397			0.0	0.0	0.0
28	2191131707			5.0	13.0	8.2
29	229171317			0.0	0.0	0.0
30	161639068972			0.0	0.0	0.0
31	181839064437			12.5	16.0	13.9
32	22039047574			20.0	20.0	20.0
33	181839065288			13.75	19.5	16.05
34	171839078557			18.5	16.5	17.7
35	171739075590			0.0	0.0	0.0
36	181839064835			11.5	17.0	13.7
37	161639078015			0.0	0.0	0.0
38	181839066945			9.5	14.5	11.5
39	181839063125			20.0	20.0	20.0
40	171739065297			0.0	11.75	4.7
41	22109041907			15.0	18.0	16.2

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** bionformatique / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			17.75	16.0	17.05
2	181839073571			19.0	15.5	17.6
3	171739081279			11.0	15.5	12.8
4	171739068390			16.0	12.5	14.6
5	171739065240			20.0	9.0	15.6
6	211539074346			20.0	16.5	18.6
7	171739075119			8.75	13.0	10.45
8	181839067934			20.0	16.0	18.4
9	171739076267			13.0	13.0	13.0
10	171739070690			18.0	17.0	17.6
11	181839066157			20.0	14.0	17.6
12	181539066959			19.0	14.0	17.0
13	181839070215			7.0	15.5	10.4
14	181839072275			17.0	15.0	16.2
15	181839069849			9.5	16.0	12.1
16	211339047805			11.0	13.5	12.0
17	171739070557			18.0	16.0	17.2
18	211539065483			19.0	18.5	18.8
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			16.5	19.0	17.5
23	181839071562			16.0	16.0	16.0
24	171739075283			13.0	15.0	13.8
25	171739064352			0.0	0.0	0.0
26	171739080547			0.0	12.5	5.0
27	171739071206			0.0	0.0	0.0
28	171739074330			11.5	11.5	11.5
29	171739081563			18.5	0.0	11.1
30	171739068318			17.0	15.5	16.4
31	171739064234			11.75	8.0	10.25
32	181839069805			12.5	15.0	13.5
33	161639070125			20.0	0.0	12.0
34	171739070492			0.0	15.0	6.0
35	171739064146			15.25	14.0	14.75
36	181539078439			10.5	14.0	11.9
37	171739076723			0.0	0.0	0.0
38	20099050884			10.0	10.0	10.0
39	171739074664			0.0	12.5	5.0

40	171739065394			0.0	18.5	7.4
41	171739070556			15.0	15.5	15.2
42	211539065683			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:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** biostatique 2 / A / 1

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			1.5	10.5	5.1
2	181839069842			0.0	15.5	6.2
3	181839065180			4.5	9.5	6.5
4	171739075702			0.0	3.5	1.4
5	21109046370			2.5	12.0	6.3
6	171739071211			2.5	11.0	5.9
7	171739076419			0.0	4.0	1.6
8	171739076049			0.0	0.0	0.0
9	171739068540			0.0	0.0	0.0
10	171739075700			2.5	6.0	3.9
11	161639067915			0.0	3.0	1.2
12	211339046881			1.0	10.0	4.6
13	181839069759			6.5	14.5	9.7
14	181839066347			1.0	7.5	3.6

15	9797822228			1.0	8.0	3.8
16	161639069009			1.5	5.5	3.1
17	161639065454			0.0	0.0	0.0
18	181839069350			3.0	7.5	4.8
19	171739075118			1.0	12.0	5.4
20	22109042459			9.5	12.5	10.7
21	21129046034			6.5	18.0	11.1
22	181839068293			1.0	14.0	6.2
23	171739071848			2.0	0.0	1.2
24	2298282706			0.0	0.0	0.0
25	161639073752			9.5	19.5	13.5
26	21129050945			5.0	17.0	9.8
27	161639069853			1.0	18.0	7.8
28	181839066209			3.0	10.0	5.8
29	181839051688			5.0	8.0	6.2
30	21109043631			8.0	16.0	11.2
31	171739072239			2.5	13.0	6.7
32	171739055280			0.0	0.0	0.0
33	181839066359			0.5	10.0	4.3
34	171739073764			1.5	11.5	5.5
35	181839066185			7.0	16.0	10.6
36	171739083759			3.0	10.0	5.8
37	171739074235			5.4	5.4	5.4

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** biostatistique 2 / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			4.5	16.5	9.3
2	171739072765			4.4	4.4	4.4
3	181839062769			7.5	10.0	8.5
4	171739070175			1.5	13.5	6.3
5	171739072216			2.5	11.5	6.1
6	161639071882			2.0	9.5	5.0
7	181839072698			2.0	8.5	4.6
8	181839062721			1.0	15.5	6.8
9	171739055159			4.0	13.0	7.6
10	181839065296			1.0	7.0	3.4
11	181839065302			2.5	14.0	7.1
12	171739072226			0.5	7.5	3.3
13	171739064608			16.0	16.0	16.0
14	171739072762			1.0	9.0	4.2
15	161639065583			0.5	6.5	2.9
16	171739064466			3.0	12.5	6.8
17	181839067429			4.0	9.0	6.0
18	171739081033			0.5	15.5	6.5
19	181839063790			16.0	16.0	16.0
20	171739070639			5.0	9.0	6.6
21	171739068198			0.0	0.0	0.0
22	171739065183			2.5	17.0	8.3
23	171739066652			6.0	16.0	10.0
24	171739065269			0.0	0.0	0.0
25	181839065293			0.0	6.0	2.4
26	181839062902			5.0	17.5	10.0
27	161639068397			12.0	12.0	12.0
28	2191131707			0.0	0.0	0.0
29	229171317			0.0	0.0	0.0
30	161639068972			12.0	12.0	12.0
31	181839064437			13.0	8.5	11.2
32	22039047574			10.0	20.0	14.0
33	181839065288			2.0	7.0	4.0
34	171839078557			0.5	16.5	6.9
35	171739075590			1.0	6.5	3.2
36	181839064835			2.5	11.0	5.9
37	161639078015			0.0	0.0	0.0
38	181839066945			2.0	13.0	6.4
39	181839063125			1.5	14.5	6.7

40	171739065297			0.0	0.0	0.0
41	22109041907			3.5	12.0	6.9

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** biostatique 2 / A / 3

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			11.5	20.0	14.9
2	181839073571			1.5	18.0	8.1
3	171739081279			3.0	10.0	5.8
4	171739068390			1.5	6.5	3.5
5	171739065240			5.0	12.0	7.8
6	211539074346			10.0	16.0	12.4
7	171739075119			1.5	13.5	6.3
8	181839067934			10.0	18.0	13.2
9	171739076267			0.0	7.6	3.04
10	171739070690			9.0	14.0	11.0
11	181839066157			5.5	17.0	10.1
12	181539066959			0.5	12.5	5.3
13	181839070215			1.5	8.5	4.3
14	181839072275			2.0	19.5	9.0



15	181839069849			0.0	6.5	2.6
16	211339047805			2.0	13.0	6.4
17	171739070557			2.5	15.0	7.5
18	211539065483			10.0	7.5	9.0
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			1.0	5.0	2.6
23	181839071562			2.0	14.0	6.8
24	171739075283			0.5	5.0	2.3
25	171739064352			0.0	0.0	0.0
26	171739080547			2.5	12.0	6.3
27	171739071206			0.0	0.0	0.0
28	171739074330			5.0	11.0	7.4
29	171739081563			6.0	7.0	6.4
30	171739068318			6.5	20.0	11.9
31	171739064234			1.5	9.0	4.5
32	181839069805			4.5	16.5	9.3
33	161639070125			0.0	0.0	0.0
34	171739070492			8.0	15.5	11.0
35	171739064146			2.0	9.0	4.8
36	181539078439			3.0	18.0	9.0
37	171739076723			0.0	0.0	0.0
38	20099050884			0.0	0.0	0.0
39	171739074664			12.5	15.5	13.7
40	171739065394			0.0	7.0	2.8
41	171739070556			0.0	2.0	0.8
42	211539065683			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:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** biotechnologie et substances naturelles végétales / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			2.5	11.1	5.94
2	181839069842			7.5	8.5	7.9
3	181839065180			3.5	8.9	5.66
4	171739075702			0.0	4.6	1.84
5	21109046370			6.25	11.3	8.27
6	171739071211			5.5	12.0	8.1
7	171739076419			3.5	10.2	6.18
8	171739076049			0.0	0.0	0.0
9	171739068540			0.0	0.0	0.0
10	171739075700			4.0	10.0	6.4
11	161639067915			0.0	0.0	0.0
12	211339046881			6.5	10.8	8.22
13	181839069759			4.0	9.9	6.36
14	181839066347			5.25	11.6	7.79
15	9797822228			5.0	12.4	7.96
16	161639069009			4.25	10.6	6.79
17	161639065454			0.0	0.0	0.0
18	181839069350			7.0	10.05	8.22
19	171739075118			0.0	6.3	2.52
20	22109042459			5.5	11.3	7.82
21	21129046034			14.75	13.9	14.41
22	181839068293			9.0	8.3	8.72
23	171739071848			1.5	9.25	4.6
24	2298282706			0.0	0.0	0.0
25	161639073752			10.0	11.7	10.68
26	21129050945			6.0	12.7	8.68
27	161639069853			5.5	7.9	6.46
28	181839066209			5.0	11.9	7.76
29	181839051688			12.0	15.1	13.24
30	21109043631			10.25	7.2	9.03
31	171739072239			7.0	12.8	9.32
32	171739055280			0.0	0.0	0.0
33	181839066359			4.0	9.8	6.32
34	171739073764			4.25	7.8	5.67
35	181839066185			2.5	10.8	5.82
36	171739083759			1.5	10.5	5.1
37	171739074235			6.0	8.7	7.08

Signature de l'enseignant:

Le:

2022/2023 Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** biotechnologie et substances naturelles végétales / A / 2

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			2.5	8.5	4.9
2	171739072765			3.5	8.3	5.42
3	181839062769			7.0	10.4	8.36
4	171739070175			2.25	10.3	5.47
5	171739072216			2.0	10.5	5.4
6	161639071882			3.0	10.8	6.12
7	181839072698			3.0	6.2	4.28
8	181839062721			2.5	9.9	5.46
9	171739055159			3.0	9.9	5.76
10	181839065296			2.75	8.8	5.17
11	181839065302			0.0	8.0	3.2
12	171739072226			1.5	7.6	3.94

13	171739064608			0.0	0.0	0.0
14	171739072762			1.0	7.7	3.68
15	161639065583			0.0	10.8	4.32
16	171739064466			4.5	11.9	7.46
17	181839067429			3.75	9.3	5.97
18	171739081033			0.0	6.6	2.64
19	181839063790			4.5	10.9	7.06
20	171739070639			7.25	8.4	7.71
21	171739068198			0.5	0.0	0.3
22	171739065183			0.5	9.6	4.14
23	171739066652			5.75	11.2	7.93
24	171739065269			0.0	0.0	0.0
25	181839065293			0.0	7.8	3.12
26	181839062902			4.5	11.0	7.1
27	161639068397			0.0	0.0	0.0
28	2191131707			1.0	4.0	2.2
29	229171317			1.0	4.0	2.2
30	161639068972			0.0	0.0	0.0
31	181839064437			3.75	10.2	6.33
32	22039047574			13.5	16.6	14.74
33	181839065288			3.5	7.3	5.02
34	171839078557			4.75	9.3	6.57
35	171739075590			0.5	11.55	4.92
36	181839064835			4.0	11.0	6.8
37	161639078015			0.0	0.0	0.0
38	181839066945			0.0	8.0	3.2
39	181839063125			0.75	7.8	3.57
40	171739065297			0.0	6.1	2.44
41	22109041907			2.25	9.6	5.19

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** biotechnologie et substances naturelles végétales / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			4.5	8.3	6.02
2	181839073571			9.25	11.1	9.99
3	171739081279			0.0	9.7	3.88
4	171739068390			0.0	2.8	1.12
5	171739065240			3.0	10.4	5.96
6	211539074346			5.0	8.3	6.32
7	171739075119			0.5	7.7	3.38
8	181839067934			0.0	9.2	3.68
9	171739076267			0.0	7.8	3.12
10	171739070690			6.0	8.2	6.88
11	181839066157			2.0	9.6	5.04
12	181539066959			3.25	0.0	1.95
13	181839070215			5.5	10.8	7.62
14	181839072275			0.0	0.0	0.0
15	181839069849			0.0	8.3	3.32
16	211339047805			2.25	10.0	5.35
17	171739070557			7.0	8.7	7.68
18	211539065483			4.25	0.0	2.55
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			1.0	8.2	3.88
23	181839071562			2.25	9.2	5.03
24	171739075283			0.0	7.6	3.04
25	171739064352			0.0	0.0	0.0
26	171739080547			2.5	10.25	5.6
27	171739071206			0.0	0.0	0.0
28	171739074330			3.0	10.35	5.94
29	171739081563			3.5	9.7	5.98
30	171739068318			4.25	7.2	5.43
31	171739064234			2.75	12.1	6.49
32	181839069805			1.5	10.3	5.02
33	161639070125			3.0	7.5	4.8
34	171739070492			9.5	9.2	9.38
35	171739064146			3.0	11.45	6.38

36	181539078439			2.0	11.2	5.68
37	171739076723			0.0	0.0	0.0
38	20099050884			0.0	11.65	4.66
39	171739074664			0.5	11.03	4.71
40	171739065394			5.0	8.4	6.36
41	171739070556			0.0	10.85	4.34
42	211539065683			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:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** complément alimentaire et aliments fonctionnels a base d ingrédients naturels / A / 1

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			10.0	11.92	10.77
2	181839069842			12.5	11.92	12.27
3	181839065180			8.0	10.9	9.16
4	171739075702			0.0	7.85	3.14
5	21109046370			9.5	13.25	11.0
6	171739071211			10.0	11.23	10.49
7	171739076419			6.0	11.57	8.23
8	171739076049			0.0	8.15	3.26
9	171739068540			0.0	6.2	2.48
10	171739075700			8.0	11.57	9.43

11	161639067915			6.0	7.7	6.68
12	211339046881			2.5	10.75	5.8
13	181839069759			13.0	12.45	12.78
14	181839066347			8.0	12.97	9.99
15	9797822228			8.5	13.5	10.5
16	161639069009			5.5	11.22	7.79
17	161639065454			0.0	0.0	0.0
18	181839069350			12.0	11.4	11.76
19	171739075118			11.04	11.04	11.04
20	22109042459			15.5	15.77	15.61
21	21129046034			12.0	14.65	13.06
22	181839068293			5.0	13.25	8.3
23	171739071848			5.0	8.2	6.28
24	2298282706			0.0	0.0	0.0
25	161639073752			12.0	13.15	12.46
26	21129050945			10.0	13.42	11.37
27	161639069853			5.0	11.7	7.68
28	181839066209			12.5	13.3	12.82
29	181839051688			9.0	13.47	10.79
30	21109043631			15.5	13.5	14.7
31	171739072239			5.5	12.8	8.42
32	171739055280			5.5	0.0	3.3
33	181839066359			3.5	10.05	6.12
34	171739073764			9.0	10.52	9.61
35	181839066185			4.0	9.82	6.33
36	171739083759			8.0	13.42	10.17
37	171739074235			9.4	9.04	9.26

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** complément alimentaire et aliments fonctionnels à base d'ingrédients naturels / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			3.5	10.95	6.48
2	171739072765			7.5	11.9	9.26
3	181839062769			11.0	11.77	11.31
4	171739070175			9.5	9.37	9.45
5	171739072216			8.0	12.6	9.84
6	161639071882			10.0	10.3	10.12
7	181839072698			10.0	9.37	9.75
8	181839062721			8.5	14.4	10.86
9	171739055159			6.0	15.1	9.64
10	181839065296			3.5	12.3	7.02
11	181839065302			6.5	9.9	7.86
12	171739072226			10.0	9.02	9.61
13	171739064608			0.0	0.0	0.0
14	171739072762			8.0	10.6	9.04
15	161639065583			10.0	9.02	9.61
16	171739064466			9.5	15.97	12.09
17	181839067429			9.5	10.1	9.74
18	171739081033			2.5	8.8	5.02
19	181839063790			8.5	10.42	9.27
20	171739070639			8.5	10.25	9.2
21	171739068198			1.0	0.0	0.6
22	171739065183			9.5	13.45	11.08
23	171739066652			0.0	13.91	5.56
24	171739065269			0.0	0.0	0.0
25	181839065293			3.5	9.02	5.71
26	181839062902			6.0	12.95	8.78
27	161639068397			0.0	0.0	0.0
28	2191131707			3.0	11.6	6.44
29	229171317			3.0	11.6	6.44
30	161639068972			0.0	0.0	0.0
31	181839064437			10.5	11.25	10.8
32	22039047574			20.0	17.35	18.94
33	181839065288			13.0	8.85	11.34
34	171839078557			9.0	10.87	9.75
35	171739075590			0.0	0.0	0.0



36	181839064835			11.5	12.95	12.08
37	161639078015			0.0	0.0	0.0
38	181839066945			7.0	10.37	8.35
39	181839063125			2.0	11.97	5.99
40	171739065297			0.0	6.5	2.6
41	22109041907			4.5	15.82	9.03

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** complément alimentaire et aliments fonctionnels a base d ingrédients naturels / A / 3

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			6.5	11.7	8.58
2	181839073571			12.5	10.22	11.59
3	171739081279			6.0	7.0	6.4
4	171739068390			7.0	10.62	8.45
5	171739065240			7.0	7.9	7.36
6	211539074346			2.5	11.35	6.04
7	171739075119			3.0	10.22	5.89
8	181839067934			2.0	10.15	5.26
9	171739076267			0.0	10.6	4.24
10	171739070690			10.5	13.51	11.7

11	181839066157			13.0	14.47	13.59
12	181539066959			11.0	13.95	12.18
13	181839070215			6.5	10.25	8.0
14	181839072275			3.5	13.55	7.52
15	181839069849			4.0	11.55	7.02
16	211339047805			10.5	9.55	10.12
17	171739070557			10.0	13.18	11.27
18	211539065483			12.5	14.07	13.13
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			6.5	10.6	8.14
23	181839071562			5.5	12.7	8.38
24	171739075283			9.56	10.4	9.9
25	171739064352			0.0	0.0	0.0
26	171739080547			9.5	9.9	9.66
27	171739071206			0.0	0.0	0.0
28	171739074330			6.0	8.4	6.96
29	171739081563			6.5	10.13	7.95
30	171739068318			7.0	13.51	9.6
31	171739064234			11.0	10.0	10.6
32	181839069805			5.5	8.85	6.84
33	161639070125			0.0	7.15	2.86
34	171739070492			0.0	15.82	6.33
35	171739064146			11.5	8.95	10.48
36	181539078439			9.0	12.75	10.5
37	171739076723			0.0	0.0	0.0
38	20099050884			0.0	11.5	4.6
39	171739074664			6.0	8.2	6.88
40	171739065394			9.0	10.86	9.74
41	171739070556			0.0	9.5	3.8
42	211539065683			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:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** partenariat / A / 1**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			16.5	0.0	16.5
2	181839069842			10.0	0.0	10.0
3	181839065180			13.5	0.0	13.5
4	171739075702			10.0	0.0	10.0
5	21109046370			12.0	0.0	12.0
6	171739071211			12.0	0.0	12.0
7	171739076419			12.0	0.0	12.0
8	171739076049			0.0	0.0	0.0
9	171739068540			0.0	0.0	0.0
10	171739075700			12.5	0.0	12.5
11	161639067915			0.0	0.0	0.0
12	211339046881			13.5	0.0	13.5
13	181839069759			11.0	0.0	11.0
14	181839066347			10.0	0.0	10.0
15	9797822228			11.0	0.0	11.0
16	161639069009			10.0	0.0	10.0
17	161639065454			0.0	0.0	0.0
18	181839069350			11.0	0.0	11.0
19	171739075118			0.0	0.0	0.0
20	22109042459			20.0	0.0	20.0
21	21129046034			15.0	0.0	15.0
22	181839068293			10.0	0.0	10.0
23	171739071848			0.0	0.0	0.0
24	2298282706			0.0	0.0	0.0
25	161639073752			12.0	0.0	12.0
26	21129050945			10.0	0.0	10.0
27	161639069853			12.5	0.0	12.5
28	181839066209			14.0	0.0	14.0
29	181839051688			10.0	0.0	10.0
30	21109043631			11.0	0.0	11.0
31	171739072239			11.5	0.0	11.5
32	171739055280			0.0	0.0	0.0
33	181839066359			11.0	0.0	11.0
34	171739073764			10.0	0.0	10.0
35	181839066185			12.0	0.0	12.0

36	171739083759			10.0	0.0	10.0
37	171739074235			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:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** partenariat / A / 2

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			12.0	0.0	12.0
2	171739072765			15.5	0.0	15.5
3	181839062769			18.0	0.0	18.0
4	171739070175			11.5	0.0	11.5
5	171739072216			5.0	0.0	5.0
6	161639071882			11.0	0.0	11.0
7	181839072698			8.0	0.0	8.0
8	181839062721			11.5	0.0	11.5
9	171739055159			11.5	0.0	11.5
10	181839065296			10.0	0.0	10.0

11	181839065302			16.0	0.0	16.0
12	171739072226			10.0	0.0	10.0
13	171739064608			0.0	0.0	0.0
14	171739072762			11.5	0.0	11.5
15	161639065583			7.0	0.0	7.0
16	171739064466			11.5	0.0	11.5
17	181839067429			12.0	0.0	12.0
18	171739081033			10.0	0.0	10.0
19	181839063790			12.0	0.0	12.0
20	171739070639			11.0	0.0	11.0
21	171739068198			0.0	0.0	0.0
22	171739065183			16.0	0.0	16.0
23	171739066652			11.5	0.0	11.5
24	171739065269			0.0	0.0	0.0
25	181839065293			8.0	0.0	8.0
26	181839062902			13.0	0.0	13.0
27	161639068397			0.0	0.0	0.0
28	2191131707			0.0	0.0	0.0
29	229171317			0.0	0.0	0.0
30	161639068972			0.0	0.0	0.0
31	181839064437			18.0	0.0	18.0
32	22039047574			16.0	0.0	16.0
33	181839065288			11.0	0.0	11.0
34	171839078557			17.0	0.0	17.0
35	171739075590			0.0	0.0	0.0
36	181839064835			15.5	0.0	15.5
37	161639078015			0.0	0.0	0.0
38	181839066945			12.0	0.0	12.0
39	181839063125			14.0	0.0	14.0
40	171739065297			12.0	0.0	12.0
41	22109041907			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:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** partenariat / A / 3**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			14.5	0.0	14.5
2	181839073571			11.0	0.0	11.0
3	171739081279			13.0	0.0	13.0
4	171739068390			0.0	0.0	0.0
5	171739065240			12.5	0.0	12.5
6	211539074346			12.0	0.0	12.0
7	171739075119			10.0	0.0	10.0
8	181839067934			10.0	0.0	10.0
9	171739076267			0.0	0.0	0.0
10	171739070690			16.5	0.0	16.5
11	181839066157			10.0	0.0	10.0
12	181539066959			13.5	0.0	13.5
13	181839070215			10.0	0.0	10.0
14	181839072275			10.0	0.0	10.0
15	181839069849			5.0	0.0	5.0
16	211339047805			12.0	0.0	12.0
17	171739070557			12.0	0.0	12.0
18	211539065483			10.5	0.0	10.5
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			0.0	0.0	0.0
23	181839071562			10.0	0.0	10.0
24	171739075283			0.0	0.0	0.0
25	171739064352			12.0	0.0	12.0
26	171739080547			0.0	0.0	0.0
27	171739071206			0.0	0.0	0.0
28	171739074330			0.0	0.0	0.0
29	171739081563			10.0	0.0	10.0
30	171739068318			11.5	0.0	11.5
31	171739064234			0.0	0.0	0.0
32	181839069805			11.5	0.0	11.5
33	161639070125			10.0	0.0	10.0
34	171739070492			17.0	0.0	17.0
35	171739064146			16.0	0.0	16.0

36	181539078439			14.5	0.0	14.5
37	171739076723			0.0	0.0	0.0
38	20099050884			16.5	0.0	16.5
39	171739074664			0.0	0.0	0.0
40	171739065394			14.0	0.0	14.0
41	171739070556			18.0	0.0	18.0
42	211539065683			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:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** phutochimie 2 / A / 1

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			10.0	10.25	10.1
2	181839069842			1.0	6.95	3.38
3	181839065180			10.5	9.85	10.24
4	171739075702			1.0	5.7	2.88
5	21109046370			10.0	10.85	10.34
6	171739071211			2.0	8.85	4.74
7	171739076419			5.0	8.25	6.3
8	171739076049			0.0	5.6	2.24
9	171739068540			0.0	0.0	0.0
10	171739075700			6.0	9.1	7.24

11	161639067915			0.0	0.0	0.0
12	211339046881			1.75	11.0	5.45
13	181839069759			10.0	13.35	11.34
14	181839066347			8.5	8.55	8.52
15	9797822228			2.5	9.5	5.3
16	161639069009			1.5	5.5	3.1
17	161639065454			0.0	0.0	0.0
18	181839069350			11.5	13.65	12.36
19	171739075118			2.0	5.45	3.38
20	22109042459			14.0	16.9	15.16
21	21129046034			9.25	13.1	10.79
22	181839068293			6.5	10.25	8.0
23	171739071848			12.5	12.5	12.5
24	2298282706			0.0	0.0	0.0
25	161639073752			10.5	17.05	13.12
26	21129050945			5.0	14.65	8.86
27	161639069853			9.75	9.4	9.61
28	181839066209			13.25	18.8	15.47
29	181839051688			11.75	14.65	12.91
30	21109043631			11.0	8.6	10.04
31	171739072239			6.0	9.8	7.52
32	171739055280			1.5	0.0	0.9
33	181839066359			1.75	6.95	3.83
34	171739073764			8.5	7.45	8.08
35	181839066185			6.75	9.7	7.93
36	171739083759			6.0	9.4	7.36
37	171739074235			9.03	9.03	9.03

Signature de l'enseignant:

Le:



2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** phutochimie 2 / A / 2**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			7.0	10.1	8.24
2	171739072765			1.5	11.5	5.5
3	181839062769			12.0	16.35	13.74
4	171739070175			7.0	10.35	8.34
5	171739072216			1.0	9.25	4.3
6	161639071882			5.5	8.75	6.8
7	181839072698			5.0	8.75	6.5
8	181839062721			2.0	9.05	4.82
9	171739055159			2.5	9.05	5.12
10	181839065296			6.0	5.8	5.92
11	181839065302			6.0	5.35	5.74
12	171739072226			4.0	8.45	5.78
13	171739064608			0.0	0.0	0.0
14	171739072762			1.0	6.55	3.22
15	161639065583			3.5	6.65	4.76
16	171739064466			10.0	9.35	9.74
17	181839067429			12.5	8.85	11.04
18	171739081033			2.5	6.95	4.28
19	181839063790			6.5	8.3	7.22
20	171739070639			4.5	8.3	6.02
21	171739068198			1.5	1.4	1.46
22	171739065183			9.0	11.1	9.84
23	171739066652			13.0	14.75	13.7
24	171739065269			0.0	0.0	0.0
25	181839065293			5.0	8.05	6.22
26	181839062902			6.5	10.85	8.24
27	161639068397			0.0	0.0	0.0
28	2191131707			0.0	5.55	2.22
29	229171317			1.0	0.0	0.6
30	161639068972			0.0	0.0	0.0
31	181839064437			9.0	8.35	8.74
32	22039047574			19.0	20.0	19.4
33	181839065288			10.25	8.11	9.39
34	171839078557			10.0	10.3	10.12
35	171739075590			0.0	0.0	0.0

36	181839064835			9.75	8.55	9.27
37	161639078015			0.0	0.0	0.0
38	181839066945			2.0	6.05	3.62
39	181839063125			5.0	10.5	7.2
40	171739065297			1.5	2.8	2.02
41	22109041907			5.0	5.45	5.18

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** phutochimie 2 / A / 3

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			11.5	10.8	11.22
2	181839073571			10.5	7.9	9.46
3	171739081279			2.5	5.9	3.86
4	171739068390			7.0	6.8	6.92
5	171739065240			11.0	7.8	9.72
6	211539074346			6.5	7.15	6.76
7	171739075119			1.0	9.2	4.28
8	181839067934			2.5	7.8	4.62
9	171739076267			0.0	0.0	0.0
10	171739070690			11.0	7.4	9.56

11	181839066157			13.25	17.75	15.05
12	181539066959			10.0	10.0	10.0
13	181839070215			2.5	8.45	4.88
14	181839072275			6.5	8.5	7.3
15	181839069849			1.5	6.3	3.42
16	211339047805			10.0	11.0	10.4
17	171739070557			13.0	9.93	11.77
18	211539065483			11.5	10.25	11.0
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			0.0	0.0	0.0
22	171739075210			6.5	7.8	7.02
23	181839071562			13.0	11.5	12.4
24	171739075283			8.0	12.6	9.84
25	171739064352			0.0	0.0	0.0
26	171739080547			11.0	13.55	12.02
27	171739071206			0.0	0.0	0.0
28	171739074330			10.0	9.5	9.8
29	171739081563			13.5	9.1	11.74
30	171739068318			8.0	10.05	8.82
31	171739064234			6.5	5.4	6.06
32	181839069805			11.0	9.2	10.28
33	161639070125			13.0	4.1	9.44
34	171739070492			14.5	5.55	10.92
35	171739064146			0.0	0.0	0.0
36	181539078439			10.75	6.55	9.07
37	171739076723			0.0	0.0	0.0
38	20099050884			3.0	4.3	3.52
39	171739074664			5.5	9.2	6.98
40	171739065394			7.5	10.0	8.5
41	171739070556			1.0	8.1	3.84
42	211539065683			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:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** valorisation des substances naturelles végétales: industrie agro - alimentaire industrie**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	161639072555			16.5	13.03	15.11
2	181839069842			4.5	13.01	7.9
3	181839065180			13.5	14.01	13.7
4	171739075702			1.0	6.83	3.33
5	21109046370			18.25	15.15	17.01
6	171739071211			9.5	13.69	11.18
7	171739076419			13.5	13.18	13.37
8	171739076049			0.0	7.43	2.97
9	171739068540			0.0	0.0	0.0
10	171739075700			14.75	13.4	14.21
11	161639067915			12.68	12.68	12.68
12	211339046881			7.0	14.19	9.88
13	181839069759			13.25	14.08	13.58
14	181839066347			15.75	14.9	15.41
15	9797822228			7.0	13.95	9.78
16	161639069009			8.0	12.44	9.78
17	161639065454			0.0	0.0	0.0
18	181839069350			16.25	14.05	15.37
19	171739075118			12.0	9.35	10.94
20	22109042459			17.0	16.24	16.7
21	21129046034			15.25	15.65	15.41
22	181839068293			16.0	16.08	16.03
23	171739071848			10.5	12.4	11.26
24	2298282706			0.0	0.0	0.0
25	161639073752			18.0	15.28	16.91
26	21129050945			16.0	16.09	16.04
27	161639069853			15.0	15.15	15.06
28	181839066209			16.5	13.63	15.35
29	181839051688			16.75	14.72	15.94
30	21109043631			13.5	15.12	14.15
31	171739072239			14.0	14.51	14.2
32	171739055280			4.5	0.0	2.7
33	181839066359			11.5	14.77	12.81
34	171739073764			12.75	12.55	12.67
35	181839066185			16.0	12.74	14.7

36	171739083759			13.0	13.97	13.39
37	171739074235			13.5	12.5	13.1

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques

**Spécialité:** biodiversité et physiologie végétale

**Période:** Semestre 3

**Matière:** valorisation des substances naturelles végétales: industrie agro - alimentaire industrie

**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	181839065221			9.5	13.6	11.14
2	171739072765			13.0	12.36	12.74
3	181839062769			17.0	15.21	16.28
4	171739070175			13.0	13.53	13.21
5	171739072216			10.5	12.66	11.36
6	161639071882			14.0	13.93	13.97
7	181839072698			13.0	13.36	13.14
8	181839062721			16.0	15.06	15.62
9	171739055159			16.0	15.56	15.82
10	181839065296			13.0	13.56	13.22

11	181839065302			11.25	12.73	11.84
12	171739072226			10.75	11.71	11.13
13	171739064608			14.98	14.98	14.98
14	171739072762			11.5	12.48	11.89
15	161639065583			13.25	13.75	13.45
16	171739064466			16.75	16.8	16.77
17	181839067429			15.75	13.93	15.02
18	171739081033			9.5	11.38	10.25
19	181839063790			13.5	15.03	14.11
20	171739070639			16.25	14.52	15.56
21	171739068198			5.0	0.0	3.0
22	171739065183			11.0	15.02	12.61
23	171739066652			14.0	13.58	13.83
24	171739065269			0.0	0.0	0.0
25	181839065293			6.0	13.63	9.05
26	181839062902			12.5	13.08	12.73
27	161639068397			0.0	0.0	0.0
28	2191131707			0.0	0.0	0.0
29	229171317			0.0	8.18	3.27
30	161639068972			0.0	0.0	0.0
31	181839064437			12.0	14.13	12.85
32	22039047574			19.25	16.46	18.13
33	181839065288			12.0	18.0	14.4
34	171839078557			9.0	10.12	9.45
35	171739075590			0.0	0.0	0.0
36	181839064835			10.5	13.33	11.63
37	161639078015			0.0	0.0	0.0
38	181839066945			13.0	12.14	12.66
39	181839063125			10.5	13.31	11.62
40	171739065297			0.0	11.68	4.67
41	22109041907			18.5	15.88	17.45

Signature de l'enseignant:

Le:

2022/2023

Sciences de la Nature et de la Vie

**Filière:** Sciences biologiques**Spécialité:** biodiversité et physiologie végétale**Période:** Semestre 3**Matière:** valorisation des substances naturelles végétales: industrie agro - alimentaire industrie**PV de délibération par matière (Session normal)**

#	Matricule			Examen	CC	MG
1	171739068288			16.25	13.24	15.05
2	181839073571			13.5	14.73	13.99
3	171739081279			11.7	11.7	11.7
4	171739068390			10.09	10.09	10.09
5	171739065240			15.0	13.1	14.24
6	211539074346			15.25	14.85	15.09
7	171739075119			12.73	14.2	13.32
8	181839067934			13.5	12.71	13.18
9	171739076267			10.98	10.98	10.98
10	171739070690			16.25	12.89	14.91
11	181839066157			17.75	15.57	16.88
12	181539066959			10.0	14.73	11.89
13	181839070215			12.0	12.5	12.2
14	181839072275			15.5	14.86	15.24
15	181839069849			12.75	13.93	13.22
16	211339047805			16.5	14.78	15.81
17	171739070557			15.25	15.6	15.39
18	211539065483			18.0	16.47	17.39
19	161639072360			0.0	0.0	0.0
20	161639072482			0.0	0.0	0.0
21	171739064230			12.11	12.11	12.11
22	171739075210			12.5	12.06	12.32
23	181839071562			15.75	13.89	15.01
24	171739075283			10.24	10.24	10.24
25	171739064352			10.06	10.06	10.06
26	171739080547			11.0	11.0	11.0
27	171739071206			0.0	0.0	0.0
28	171739074330			10.64	10.64	10.64
29	171739081563			12.0	13.6	12.64
30	171739068318			15.75	15.95	15.83
31	171739064234			11.24	11.24	11.24
32	181839069805			16.25	14.88	15.7
33	161639070125			13.0	10.05	11.82
34	171739070492			17.0	14.28	15.91
35	171739064146			10.84	10.84	10.84

36	181539078439			12.25	14.79	13.27
37	171739076723			0.0	0.0	0.0
38	20099050884			10.74	10.74	10.74
39	171739074664			10.26	10.26	10.26
40	171739065394			10.5	11.93	11.07
41	171739070556			13.34	13.34	13.34
42	211539065683			0.0	0.0	0.0

Signature de l'enseignant:

Le: