



2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau:

Matière: communications optiques / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	6.0	9.5	7.4	NORMALE
2	161639066931	4.0	5.0	4.4	NORMALE
3	171739071356	5.0	9.0	6.6	NORMALE
4	171739065258	3.0	9.0	5.4	NORMALE
5	20084051979	10.0	16.0	12.4	NORMALE
6	21927067782	7.0	16.5	10.8	NORMALE
7	21037067782	7.0	16.5	10.8	NORMALE
8	161439058866	0.0	9.5	3.8	NORMALE
9	171739067222	3.0	9.0	5.4	NORMALE
10	171739071882	7.0	8.0	7.4	NORMALE
11	171739067172	5.0	10.0	7.0	NORMALE
12	20119041157	3.0	8.0	5.0	NORMALE
13	171739068669	7.0	8.0	7.4	NORMALE
14	171739082183	0.0	5.0	2.0	NORMALE
15	171739068427	3.0	8.0	5.0	NORMALE
16	171739067331	4.0	9.0	6.0	NORMALE
17	171739065277	3.0	8.0	5.0	NORMALE
18	171739065677	3.0	7.0	4.6	NORMALE
19	171739070760	3.0	5.0	3.8	NORMALE
20	171739068662	12.0	11.0	11.6	NORMALE
21	141439045773	5.0	8.0	6.2	NORMALE
22	171739065257	3.0	5.0	3.8	NORMALE
23	171739053478	3.0	10.0	5.8	NORMALE
24	171739081388	3.0	5.0	3.8	NORMALE
25	161639075816	3.0	5.0	3.8	NORMALE
26	171739076228	3.0	8.0	5.0	NORMALE
27	171739064420	3.0	5.0	3.8	NORMALE
28	161639074327	3.0	5.0	3.8	NORMALE
29	171739068394	3.0	8.0	5.0	NORMALE
30	171739067179	3.0	9.0	5.4	NORMALE
31	161639077192	4.0	9.0	6.0	NORMALE
32	171739068483	8.0	9.0	8.4	NORMALE
33	171739075116	6.0	8.0	6.8	NORMALE
34	17129050036	0.0	0.0	0.0	NORMALE
35	171539068968	0.0	8.0	3.2	NORMALE
36	161539072708	3.0	9.5	5.6	NORMALE
37	201539083611	3.0	8.0	5.0	NORMALE
38	17049055970	12.7	12.7	12.7	NORMALE
39	201439056889	3.0	7.0	4.6	NORMALE
40	20109045662	3.0	8.0	5.0	NORMALE
41	201439059512	3.0	7.0	4.6	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2019

Matière: communications optiques / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	3.0	7.0	4.6	NORMALE
3	171739065680	6.0	6.0	6.0	NORMALE
4	171739074166	4.0	11.0	6.8	NORMALE
5	171739076310	5.0	6.0	5.4	NORMALE
6	191439056688	3.0	9.5	5.6	NORMALE
7	20119047160	9.0	7.0	8.2	NORMALE
8	171739064693	6.0	13.5	9.0	NORMALE
9	171739070657	5.0	8.0	6.2	NORMALE
10	171739064475	3.0	8.0	5.0	NORMALE
11	161639069935	3.0	5.0	3.8	NORMALE
12	2101942513	5.0	8.0	6.2	NORMALE
13	171739067090	0.0	8.0	3.2	NORMALE
14	161639065601	14.0	11.0	12.8	NORMALE
15	171739072731	3.0	7.0	4.6	NORMALE
16	161639066810	3.0	7.0	4.6	NORMALE
17	171739068718	3.0	7.0	4.6	NORMALE
18	171739064370	3.0	9.0	5.4	NORMALE
19	161639083962	3.0	7.0	4.6	NORMALE
20	171739068410	6.0	9.0	7.2	NORMALE
21	171739065629	6.0	8.0	6.8	NORMALE
22	171739067237	3.0	9.0	5.4	NORMALE
23	171739064252	3.0	7.0	4.6	NORMALE
24	171739065428	3.0	9.0	5.4	NORMALE
25	171739073721	3.0	9.0	5.4	NORMALE
26	161639078227	4.0	7.0	5.2	NORMALE
27	171739067712	3.0	6.0	4.2	NORMALE
28	171739065696	6.0	6.0	6.0	NORMALE
29	171739065424	3.0	7.0	4.6	NORMALE
30	171739067199	3.0	9.0	5.4	NORMALE
31	171739070777	3.0	8.0	5.0	NORMALE
32	161639075838	3.0	7.0	4.6	NORMALE
33	171539067658	3.0	5.0	3.8	NORMALE
34	161539084352	3.0	2.0	2.6	NORMALE
35	161439056058	3.0	3.0	3.0	NORMALE
36	201539046469	4.0	9.0	6.0	NORMALE
37	161539069029	3.0	5.0	3.8	NORMALE
38	161539078194	3.0	9.5	5.6	NORMALE
39	201539069960	4.0	9.5	6.2	NORMALE
40	201439056372	4.0	7.0	5.2	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ورق في 09 أوت N°

Matière: communications optiques / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	3.0	9.0	5.4	NORMALE
2	171739073800	4.0	8.0	5.6	NORMALE
3	161639065637	3.0	11.0	6.2	NORMALE
4	171739071332	6.0	5.0	5.6	NORMALE
5	20119028400	5.0	7.0	5.8	NORMALE
6	171737001522	3.0	7.0	4.6	NORMALE
7	171739076668	3.0	9.0	5.4	NORMALE
8	171739064582	3.0	8.0	5.0	NORMALE
9	171739075918	3.0	7.0	4.6	NORMALE
10	171739073311	5.0	5.0	5.0	NORMALE
11	161539069372	3.0	5.0	3.8	NORMALE
12	161639065860	3.0	5.0	3.8	NORMALE
13	171739068630	3.0	7.0	4.6	NORMALE
14	171739068413	5.0	7.0	5.8	NORMALE
15	171739068193	3.0	10.0	5.8	NORMALE
16	171739080647	3.0	5.0	3.8	NORMALE
17	171739069143	3.0	5.0	3.8	NORMALE
18	171739074736	3.0	3.0	3.0	NORMALE
19	171739067209	3.0	5.0	3.8	NORMALE
20	171739070059	6.0	7.0	6.4	NORMALE
21	181539069124	3.0	10.0	5.8	NORMALE
22	171739065672	3.0	9.0	5.4	NORMALE
23	171739066090	12.0	7.0	10.0	NORMALE
24	161639076236	3.0	6.0	4.2	NORMALE
25	171739073364	3.0	5.0	3.8	NORMALE
26	171739065260	3.0	5.0	3.8	NORMALE
27	171739064268	3.0	5.0	3.8	NORMALE
28	171739070681	3.0	8.0	5.0	NORMALE
29	171739064748	3.0	7.0	4.6	NORMALE
30	171739083649	3.0	5.0	3.8	NORMALE
31	201539077493	3.0	7.0	4.6	NORMALE
32	151531031285	3.0	9.0	5.4	NORMALE
33	191539069861	3.0	7.0	4.6	NORMALE
34	161539078407	3.0	3.0	3.0	NORMALE
35	161539069847	3.0	5.0	3.8	NORMALE
36	19129053676	6.0	10.0	7.6	NORMALE
37	161539065172	4.0	5.0	4.4	NORMALE
38	161539070957	3.0	5.0	3.8	NORMALE
39	171539064837	3.0	9.0	5.4	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: dispositifs (passifs/actifs) RF et Micro - ondes / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	18.0	10.0	14.8	NORMALE
2	161639066931	0.25	9.0	3.75	NORMALE
3	171739071356	12.0	13.5	12.6	NORMALE
4	171739065258	0.25	8.0	3.35	NORMALE
5	20084051979	18.0	17.0	17.6	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	6.5	10.0	7.9	NORMALE
8	161439058866	6.0	10.0	7.6	NORMALE
9	171739067222	5.0	15.0	9.0	NORMALE
10	171739071882	13.0	15.5	14.0	NORMALE
11	171739067172	3.0	16.5	8.4	NORMALE
12	20119041157	11.5	8.5	10.3	NORMALE
13	171739068669	12.0	15.0	13.2	NORMALE
14	171739082183	0.25	8.0	3.35	NORMALE
15	171739068427	0.25	7.5	3.15	NORMALE
16	171739067331	5.5	12.0	8.1	NORMALE
17	171739065277	0.25	6.5	2.75	NORMALE
18	171739065677	0.25	8.5	3.55	NORMALE
19	171739070760	12.0	10.0	11.2	NORMALE
20	171739068662	14.0	16.0	14.8	NORMALE
21	141439045773	11.0	18.0	13.8	NORMALE
22	171739065257	0.25	8.5	3.55	NORMALE
23	171739053478	15.0	15.5	15.2	NORMALE
24	171739081388	0.5	7.0	3.1	NORMALE
25	161639075816	1.0	8.0	3.8	NORMALE
26	171739076228	0.25	7.0	2.95	NORMALE
27	171739064420	12.0	10.0	11.2	NORMALE
28	161639074327	0.0	10.0	4.0	NORMALE
29	171739068394	5.0	10.0	7.0	NORMALE
30	171739067179	6.0	12.0	8.4	NORMALE
31	161639077192	13.0	12.0	12.6	NORMALE
32	171739068483	12.5	15.5	13.7	NORMALE
33	171739075116	11.0	10.0	10.6	NORMALE
34	17129050036	11.2	11.2	11.2	NORMALE
35	171539068968	18.0	17.0	17.6	NORMALE
36	161539072708	0.25	8.0	3.35	NORMALE
37	201539083611	10.5	7.0	9.1	NORMALE
38	17049055970	8.5	8.5	8.5	NORMALE
39	201439056889	0.25	7.0	2.95	NORMALE
40	20109045662	0.25	8.0	3.35	NORMALE
41	201439059512	0.25	7.0	2.95	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: dispositifs (passifs/actifs) RF et Micro - ondes / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	0.0	10.0	4.0	NORMALE
3	171739065680	0.5	11.0	4.7	NORMALE
4	171739074166	14.5	17.0	15.5	NORMALE
5	171739076310	7.0	8.0	7.4	NORMALE
6	191439056688	12.0	7.0	10.0	NORMALE
7	20119047160	7.5	12.0	9.3	NORMALE
8	171739064693	12.5	11.0	11.9	NORMALE
9	171739070657	2.0	8.0	4.4	NORMALE
10	171739064475	12.0	12.0	12.0	NORMALE
11	161639069935	1.0	10.0	4.6	NORMALE
12	2101942513	3.0	6.5	4.4	NORMALE
13	171739067090	8.0	11.5	9.4	NORMALE
14	161639065601	15.0	17.0	15.8	NORMALE
15	171739072731	0.25	10.0	4.15	NORMALE
16	161639066810	0.25	7.0	2.95	NORMALE
17	171739068718	3.0	10.0	5.8	NORMALE
18	171739064370	7.0	10.0	8.2	NORMALE
19	161639083962	2.5	7.0	4.3	NORMALE
20	171739068410	10.0	7.5	9.0	NORMALE
21	171739065629	13.0	14.0	13.4	NORMALE
22	171739067237	0.25	10.0	4.15	NORMALE
23	171739064252	0.25	8.0	3.35	NORMALE
24	171739065428	10.0	7.5	9.0	NORMALE
25	171739073721	0.25	7.0	2.95	NORMALE
26	161639078227	0.25	8.0	3.35	NORMALE
27	171739067712	10.0	8.0	9.2	NORMALE
28	171739065696	0.5	8.5	3.7	NORMALE
29	171739065424	0.25	8.5	3.55	NORMALE
30	171739067199	7.0	15.0	10.2	NORMALE
31	171739070777	1.0	8.0	3.8	NORMALE
32	161639075838	2.0	10.0	5.2	NORMALE
33	171539067658	0.25	7.0	2.95	NORMALE
34	161539084352	0.25	10.0	4.15	NORMALE
35	161439056058	0.5	7.0	3.1	NORMALE
36	201539046469	3.5	8.0	5.3	NORMALE
37	161539069029	0.25	8.5	3.55	NORMALE
38	161539078194	6.0	7.0	6.4	NORMALE
39	201539069960	0.25	8.0	3.35	NORMALE
40	201439056372	12.5	8.0	10.7	NORMALE

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2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: dispositifs (passifs/actifs) RF et Micro - ondes / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	5.0	16.5	9.6	NORMALE
2	171739073800	10.0	10.0	10.0	NORMALE
3	161639065637	0.5	6.0	2.7	NORMALE
4	171739071332	12.0	12.0	12.0	NORMALE
5	20119028400	1.5	11.0	5.3	NORMALE
6	171737001522	2.0	11.0	5.6	NORMALE
7	171739076668	0.25	10.0	4.15	NORMALE
8	171739064582	2.5	8.0	4.7	NORMALE
9	171739075918	0.25	8.0	3.35	NORMALE
10	171739073311	10.0	10.0	10.0	NORMALE
11	161539069372	0.25	10.0	4.15	NORMALE
12	161639065860	10.0	7.5	9.0	NORMALE
13	171739068630	12.5	13.5	12.9	NORMALE
14	171739068413	11.0	8.0	9.8	NORMALE
15	171739068193	2.0	8.0	4.4	NORMALE
16	171739080647	0.25	10.0	4.15	NORMALE
17	171739069143	1.0	7.0	3.4	NORMALE
18	171739074736	0.25	7.0	2.95	NORMALE
19	171739067209	3.5	13.5	7.5	NORMALE
20	171739070059	1.0	7.0	3.4	NORMALE
21	181539069124	7.0	8.5	7.6	NORMALE
22	171739065672	4.0	9.0	6.0	NORMALE
23	171739066090	4.0	17.0	9.2	NORMALE
24	161639076236	4.0	10.0	6.4	NORMALE
25	171739073364	0.25	8.0	3.35	NORMALE
26	171739065260	0.25	8.0	3.35	NORMALE
27	171739064268	0.25	7.5	3.15	NORMALE
28	171739070681	0.25	8.0	3.35	NORMALE
29	171739064748	8.5	13.0	10.3	NORMALE
30	171739083649	6.0	7.5	6.6	NORMALE
31	201539077493	0.25	10.0	4.15	NORMALE
32	151531031285	0.25	11.0	4.55	NORMALE
33	191539069861	0.5	7.0	3.1	NORMALE
34	161539078407	0.25	7.0	2.95	NORMALE
35	161539069847	0.25	8.0	3.35	NORMALE
36	19129053676	0.5	10.0	4.3	NORMALE
37	161539065172	7.25	7.5	7.35	NORMALE
38	161539070957	0.25	10.0	4.15	NORMALE
39	171539064837	0.25	10.0	4.15	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Entreprise et management / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	17.0	0.0	17.0	NORMALE
2	161639066931	14.0	0.0	14.0	NORMALE
3	171739071356	16.0	0.0	16.0	NORMALE
4	171739065258	13.0	0.0	13.0	NORMALE
5	20084051979	18.0	0.0	18.0	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	10.5	0.0	10.5	NORMALE
8	161439058866	11.0	0.0	11.0	NORMALE
9	171739067222	14.0	0.0	14.0	NORMALE
10	171739071882	11.0	0.0	11.0	NORMALE
11	171739067172	16.0	0.0	16.0	NORMALE
12	20119041157	16.0	0.0	16.0	NORMALE
13	171739068669	17.0	0.0	17.0	NORMALE
14	171739082183	12.0	0.0	12.0	NORMALE
15	171739068427	17.0	0.0	17.0	NORMALE
16	171739067331	12.5	0.0	12.5	NORMALE
17	171739065277	11.0	0.0	11.0	NORMALE
18	171739065677	15.5	0.0	15.5	NORMALE
19	171739070760	15.5	0.0	15.5	NORMALE
20	171739068662	17.0	0.0	17.0	NORMALE
21	141439045773	12.5	0.0	12.5	NORMALE
22	171739065257	11.5	0.0	11.5	NORMALE
23	171739053478	14.0	0.0	14.0	NORMALE
24	171739081388	7.0	0.0	7.0	NORMALE
25	161639075816	12.0	0.0	12.0	NORMALE
26	171739076228	15.5	0.0	15.5	NORMALE
27	171739064420	17.0	0.0	17.0	NORMALE
28	161639074327	11.0	0.0	11.0	NORMALE
29	171739068394	10.0	0.0	10.0	NORMALE
30	171739067179	8.5	0.0	8.5	NORMALE
31	161639077192	16.0	0.0	16.0	NORMALE
32	171739068483	17.0	0.0	17.0	NORMALE
33	171739075116	14.0	0.0	14.0	NORMALE
34	17129050036	14.0	0.0	14.0	NORMALE
35	171539068968	12.0	0.0	12.0	NORMALE
36	161539072708	10.0	0.0	10.0	NORMALE
37	201539083611	12.5	0.0	12.5	NORMALE
38	17049055970	16.5	0.0	16.5	NORMALE
39	201439056889	17.0	0.0	17.0	NORMALE
40	20109045662	18.0	0.0	18.0	NORMALE
41	201439059512	11.0	0.0	11.0	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Entreprise et management / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	10.0	0.0	10.0	NORMALE
3	171739065680	15.0	0.0	15.0	NORMALE
4	171739074166	14.0	0.0	14.0	NORMALE
5	171739076310	14.5	0.0	14.5	NORMALE
6	191439056688	16.0	0.0	16.0	NORMALE
7	20119047160	15.0	0.0	15.0	NORMALE
8	171739064693	17.0	0.0	17.0	NORMALE
9	171739070657	13.5	0.0	13.5	NORMALE
10	171739064475	13.0	0.0	13.0	NORMALE
11	161639069935	9.0	0.0	9.0	NORMALE
12	2101942513	10.0	0.0	10.0	NORMALE
13	171739067090	12.0	0.0	12.0	NORMALE
14	161639065601	19.5	0.0	19.5	NORMALE
15	171739072731	17.0	0.0	17.0	NORMALE
16	161639066810	15.0	0.0	15.0	NORMALE
17	171739068718	12.0	0.0	12.0	NORMALE
18	171739064370	10.0	0.0	10.0	NORMALE
19	161639083962	18.0	0.0	18.0	NORMALE
20	171739068410	11.0	0.0	11.0	NORMALE
21	171739065629	13.0	0.0	13.0	NORMALE
22	171739067237	12.0	0.0	12.0	NORMALE
23	171739064252	15.0	0.0	15.0	NORMALE
24	171739065428	11.0	0.0	11.0	NORMALE
25	171739073721	13.0	0.0	13.0	NORMALE
26	161639078227	10.5	0.0	10.5	NORMALE
27	171739067712	17.5	0.0	17.5	NORMALE
28	171739065696	18.5	0.0	18.5	NORMALE
29	171739065424	12.0	0.0	12.0	NORMALE
30	171739067199	14.5	0.0	14.5	NORMALE
31	171739070777	17.0	0.0	17.0	NORMALE
32	161639075838	10.0	0.0	10.0	NORMALE
33	171539067658	10.5	0.0	10.5	NORMALE
34	161539084352	8.0	0.0	8.0	NORMALE
35	161439056058	10.0	0.0	10.0	NORMALE
36	201539046469	12.0	0.0	12.0	NORMALE
37	161539069029	9.0	0.0	9.0	NORMALE
38	161539078194	13.5	0.0	13.5	NORMALE
39	201539069960	10.5	0.0	10.5	NORMALE
40	201439056372	13.0	0.0	13.0	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Entreprise et management / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	11.0	0.0	11.0	NORMALE
2	171739073800	12.0	0.0	12.0	NORMALE
3	161639065637	12.0	0.0	12.0	NORMALE
4	171739071332	11.0	0.0	11.0	NORMALE
5	20119028400	15.0	0.0	15.0	NORMALE
6	171737001522	11.0	0.0	11.0	NORMALE
7	171739076668	15.0	0.0	15.0	NORMALE
8	171739064582	17.0	0.0	17.0	NORMALE
9	171739075918	13.0	0.0	13.0	NORMALE
10	171739073311	18.0	0.0	18.0	NORMALE
11	161539069372	16.5	0.0	16.5	NORMALE
12	161639065860	13.0	0.0	13.0	NORMALE
13	171739068630	11.0	0.0	11.0	NORMALE
14	171739068413	13.0	0.0	13.0	NORMALE
15	171739068193	11.5	0.0	11.5	NORMALE
16	171739080647	11.0	0.0	11.0	NORMALE
17	171739069143	1.0	0.0	1.0	NORMALE
18	171739074736	10.0	0.0	10.0	NORMALE
19	171739067209	12.0	0.0	12.0	NORMALE
20	171739070059	10.0	0.0	10.0	NORMALE
21	181539069124	11.0	0.0	11.0	NORMALE
22	171739065672	14.5	0.0	14.5	NORMALE
23	171739066090	14.0	0.0	14.0	NORMALE
24	161639076236	10.0	0.0	10.0	NORMALE
25	171739073364	10.0	0.0	10.0	NORMALE
26	171739065260	12.0	0.0	12.0	NORMALE
27	171739064268	6.0	0.0	6.0	NORMALE
28	171739070681	20.0	0.0	20.0	NORMALE
29	171739064748	13.0	0.0	13.0	NORMALE
30	171739083649	12.5	0.0	12.5	NORMALE
31	201539077493	11.0	0.0	11.0	NORMALE
32	151531031285	12.0	0.0	12.0	NORMALE
33	191539069861	13.0	0.0	13.0	NORMALE
34	161539078407	20.0	0.0	20.0	NORMALE
35	161539069847	14.0	0.0	14.0	NORMALE
36	19129053676	13.0	0.0	13.0	NORMALE
37	161539065172	14.5	0.0	14.5	NORMALE
38	161539070957	16.0	0.0	16.0	NORMALE
39	171539064837	13.0	0.0	13.0	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ورق في 09 أوت N°

Matière: recherche de documentaire et conception de mémoire / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	17.0	0.0	17.0	NORMALE
2	161639066931	9.0	0.0	9.0	NORMALE
3	171739071356	17.0	0.0	17.0	NORMALE
4	171739065258	15.0	0.0	15.0	NORMALE
5	20084051979	19.0	0.0	19.0	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	15.5	0.0	15.5	NORMALE
8	161439058866	10.0	0.0	10.0	NORMALE
9	171739067222	14.0	0.0	14.0	NORMALE
10	171739071882	17.0	0.0	17.0	NORMALE
11	171739067172	16.0	0.0	16.0	NORMALE
12	20119041157	18.0	0.0	18.0	NORMALE
13	171739068669	18.0	0.0	18.0	NORMALE
14	171739082183	8.5	0.0	8.5	NORMALE
15	171739068427	11.0	0.0	11.0	NORMALE
16	171739067331	15.0	0.0	15.0	NORMALE
17	171739065277	14.5	0.0	14.5	NORMALE
18	171739065677	14.0	0.0	14.0	NORMALE
19	171739070760	17.0	0.0	17.0	NORMALE
20	171739068662	16.0	0.0	16.0	NORMALE
21	141439045773	10.0	0.0	10.0	NORMALE
22	171739065257	14.0	0.0	14.0	NORMALE
23	171739053478	15.0	0.0	15.0	NORMALE
24	171739081388	10.0	0.0	10.0	NORMALE
25	161639075816	11.0	0.0	11.0	NORMALE
26	171739076228	16.5	0.0	16.5	NORMALE
27	171739064420	18.0	0.0	18.0	NORMALE
28	161639074327	12.0	0.0	12.0	NORMALE
29	171739068394	12.0	0.0	12.0	NORMALE
30	171739067179	17.0	0.0	17.0	NORMALE
31	161639077192	19.0	0.0	19.0	NORMALE
32	171739068483	17.0	0.0	17.0	NORMALE
33	171739075116	16.0	0.0	16.0	NORMALE
34	17129050036	14.5	0.0	14.5	NORMALE
35	171539068968	0.0	0.0	0.0	NORMALE
36	161539072708	12.0	0.0	12.0	NORMALE
37	201539083611	14.0	0.0	14.0	NORMALE
38	17049055970	17.0	0.0	17.0	NORMALE
39	201439056889	18.0	0.0	18.0	NORMALE
40	20109045662	19.0	0.0	19.0	NORMALE
41	201439059512	12.0	0.0	12.0	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ورق في 09 أوت N°

Matière: recherche de documentaire et conception de mémoire / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	10.0	0.0	10.0	NORMALE
3	171739065680	13.0	0.0	13.0	NORMALE
4	171739074166	16.0	0.0	16.0	NORMALE
5	171739076310	17.5	0.0	17.5	NORMALE
6	191439056688	16.0	0.0	16.0	NORMALE
7	20119047160	16.5	0.0	16.5	NORMALE
8	171739064693	16.5	0.0	16.5	NORMALE
9	171739070657	16.0	0.0	16.0	NORMALE
10	171739064475	0.0	0.0	0.0	NORMALE
11	161639069935	11.0	0.0	11.0	NORMALE
12	2101942513	12.0	0.0	12.0	NORMALE
13	171739067090	13.0	0.0	13.0	NORMALE
14	161639065601	20.0	0.0	20.0	NORMALE
15	171739072731	17.0	0.0	17.0	NORMALE
16	161639066810	17.0	0.0	17.0	NORMALE
17	171739068718	14.0	0.0	14.0	NORMALE
18	171739064370	17.0	0.0	17.0	NORMALE
19	161639083962	18.5	0.0	18.5	NORMALE
20	171739068410	16.5	0.0	16.5	NORMALE
21	171739065629	14.5	0.0	14.5	NORMALE
22	171739067237	14.0	0.0	14.0	NORMALE
23	171739064252	15.0	0.0	15.0	NORMALE
24	171739065428	15.0	0.0	15.0	NORMALE
25	171739073721	16.0	0.0	16.0	NORMALE
26	161639078227	7.0	0.0	7.0	NORMALE
27	171739067712	17.0	0.0	17.0	NORMALE
28	171739065696	19.0	0.0	19.0	NORMALE
29	171739065424	10.0	0.0	10.0	NORMALE
30	171739067199	16.5	0.0	16.5	NORMALE
31	171739070777	17.5	0.0	17.5	NORMALE
32	161639075838	12.0	0.0	12.0	NORMALE
33	171539067658	9.0	0.0	9.0	NORMALE
34	161539084352	0.0	0.0	0.0	NORMALE
35	161439056058	11.5	0.0	11.5	NORMALE
36	201539046469	12.0	0.0	12.0	NORMALE
37	161539069029	13.0	0.0	13.0	NORMALE
38	161539078194	10.0	0.0	10.0	NORMALE
39	201539069960	12.0	0.0	12.0	NORMALE
40	201439056372	15.0	0.0	15.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: recherche de documentaire et conception de mémoire / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	10.0	0.0	10.0	NORMALE
2	171739073800	15.0	0.0	15.0	NORMALE
3	161639065637	12.0	0.0	12.0	NORMALE
4	171739071332	14.0	0.0	14.0	NORMALE
5	20119028400	13.5	0.0	13.5	NORMALE
6	171737001522	11.0	0.0	11.0	NORMALE
7	171739076668	13.0	0.0	13.0	NORMALE
8	171739064582	18.0	0.0	18.0	NORMALE
9	171739075918	11.0	0.0	11.0	NORMALE
10	171739073311	16.5	0.0	16.5	NORMALE
11	161539069372	12.0	0.0	12.0	NORMALE
12	161639065860	12.0	0.0	12.0	NORMALE
13	171739068630	16.0	0.0	16.0	NORMALE
14	171739068413	17.5	0.0	17.5	NORMALE
15	171739068193	8.0	0.0	8.0	NORMALE
16	171739080647	12.0	0.0	12.0	NORMALE
17	171739069143	12.0	0.0	12.0	NORMALE
18	171739074736	9.0	0.0	9.0	NORMALE
19	171739067209	12.5	0.0	12.5	NORMALE
20	171739070059	8.0	0.0	8.0	NORMALE
21	181539069124	14.0	0.0	14.0	NORMALE
22	171739065672	17.0	0.0	17.0	NORMALE
23	171739066090	17.0	0.0	17.0	NORMALE
24	161639076236	11.0	0.0	11.0	NORMALE
25	171739073364	9.0	0.0	9.0	NORMALE
26	171739065260	12.5	0.0	12.5	NORMALE
27	171739064268	11.0	0.0	11.0	NORMALE
28	171739070681	20.0	0.0	20.0	NORMALE
29	171739064748	11.5	0.0	11.5	NORMALE
30	171739083649	13.0	0.0	13.0	NORMALE
31	201539077493	12.5	0.0	12.5	NORMALE
32	151531031285	13.0	0.0	13.0	NORMALE
33	191539069861	12.5	0.0	12.5	NORMALE
34	161539078407	20.0	0.0	20.0	NORMALE
35	161539069847	12.0	0.0	12.0	NORMALE
36	19129053676	16.0	0.0	16.0	NORMALE
37	161539065172	11.0	0.0	11.0	NORMALE
38	161539070957	18.0	0.0	18.0	NORMALE
39	171539064837	14.0	0.0	14.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: réseaux sans fil et réseaux mobiles / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	16.5	7.0	12.7	NORMALE
2	161639066931	0.0	14.0	5.6	NORMALE
3	171739071356	12.5	13.75	13.0	NORMALE
4	171739065258	0.0	12.25	4.9	NORMALE
5	20084051979	15.0	14.0	14.6	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	17.0	13.0	15.4	NORMALE
8	161439058866	7.0	10.0	8.2	NORMALE
9	171739067222	4.0	12.25	7.3	NORMALE
10	171739071882	12.0	14.0	12.8	NORMALE
11	171739067172	2.0	14.0	6.8	NORMALE
12	20119041157	5.0	12.0	7.8	NORMALE
13	171739068669	6.5	12.25	8.8	NORMALE
14	171739082183	0.0	11.0	4.4	NORMALE
15	171739068427	1.0	9.0	4.2	NORMALE
16	171739067331	7.0	12.25	9.1	NORMALE
17	171739065277	2.5	13.25	6.8	NORMALE
18	171739065677	0.0	8.0	3.2	NORMALE
19	171739070760	4.0	13.0	7.6	NORMALE
20	171739068662	19.0	12.25	16.3	NORMALE
21	141439045773	6.0	12.5	8.6	NORMALE
22	171739065257	3.0	13.0	7.0	NORMALE
23	171739053478	8.0	8.5	8.2	NORMALE
24	171739081388	2.5	7.5	4.5	NORMALE
25	161639075816	2.0	12.0	6.0	NORMALE
26	171739076228	5.0	13.0	8.2	NORMALE
27	171739064420	3.5	13.0	7.3	NORMALE
28	161639074327	1.5	7.5	3.9	NORMALE
29	171739068394	3.0	10.0	5.8	NORMALE
30	171739067179	5.0	12.25	7.9	NORMALE
31	161639077192	3.0	13.25	7.1	NORMALE
32	171739068483	6.5	12.25	8.8	NORMALE
33	171739075116	14.0	16.0	14.8	NORMALE
34	17129050036	0.0	0.0	0.0	NORMALE
35	171539068968	14.0	13.0	13.6	NORMALE
36	161539072708	9.0	6.0	7.8	NORMALE
37	201539083611	9.0	8.0	8.6	NORMALE
38	17049055970	10.8	10.8	10.8	NORMALE
39	201439056889	1.0	5.0	2.6	NORMALE
40	20109045662	0.0	12.0	4.8	NORMALE
41	201439059512	2.5	10.5	5.7	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: réseaux sans fil et réseaux mobiles / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	3.5	1.4	NORMALE
2	171739081054	5.0	6.5	5.6	NORMALE
3	171739065680	6.0	15.5	9.8	NORMALE
4	171739074166	12.0	15.0	13.2	NORMALE
5	171739076310	8.0	13.0	10.0	NORMALE
6	191439056688	6.0	8.0	6.8	NORMALE
7	20119047160	4.0	12.25	7.3	NORMALE
8	171739064693	3.0	14.0	7.4	NORMALE
9	171739070657	5.0	12.25	7.9	NORMALE
10	171739064475	15.0	12.25	13.9	NORMALE
11	161639069935	3.0	11.0	6.2	NORMALE
12	2101942513	3.5	14.25	7.8	NORMALE
13	171739067090	2.0	12.0	6.0	NORMALE
14	161639065601	15.0	17.0	15.8	NORMALE
15	171739072731	1.0	9.0	4.2	NORMALE
16	161639066810	1.0	9.5	4.4	NORMALE
17	171739068718	2.0	12.75	6.3	NORMALE
18	171739064370	7.0	12.25	9.1	NORMALE
19	161639083962	4.0	8.5	5.8	NORMALE
20	171739068410	1.0	13.0	5.8	NORMALE
21	171739065629	9.0	16.5	12.0	NORMALE
22	171739067237	1.0	12.0	5.4	NORMALE
23	171739064252	2.5	4.5	3.3	NORMALE
24	171739065428	3.0	11.0	6.2	NORMALE
25	171739073721	1.0	12.5	5.6	NORMALE
26	161639078227	2.0	3.5	2.6	NORMALE
27	171739067712	9.0	13.0	10.6	NORMALE
28	171739065696	2.0	12.0	6.0	NORMALE
29	171739065424	1.0	6.0	3.0	NORMALE
30	171739067199	0.0	12.0	4.8	NORMALE
31	171739070777	0.5	9.0	3.9	NORMALE
32	161639075838	0.0	9.0	3.6	NORMALE
33	171539067658	4.5	12.0	7.5	NORMALE
34	161539084352	0.0	4.0	1.6	NORMALE
35	161439056058	2.5	8.0	4.7	NORMALE
36	201539046469	6.0	8.0	6.8	NORMALE
37	161539069029	2.5	12.5	6.5	NORMALE
38	161539078194	2.0	12.0	6.0	NORMALE
39	201539069960	6.0	12.0	8.4	NORMALE
40	201439056372	9.0	8.0	8.6	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: réseaux sans fil et réseaux mobiles / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	4.0	12.5	7.4	NORMALE
2	171739073800	5.0	16.0	9.4	NORMALE
3	161639065637	3.0	13.0	7.0	NORMALE
4	171739071332	7.5	11.0	8.9	NORMALE
5	20119028400	1.0	8.0	3.8	NORMALE
6	171737001522	4.5	8.0	5.9	NORMALE
7	171739076668	6.0	8.0	6.8	NORMALE
8	171739064582	2.0	9.0	4.8	NORMALE
9	171739075918	4.0	7.5	5.4	NORMALE
10	171739073311	4.0	8.0	5.6	NORMALE
11	161539069372	3.0	8.5	5.2	NORMALE
12	161639065860	5.0	12.0	7.8	NORMALE
13	171739068630	2.0	14.75	7.1	NORMALE
14	171739068413	7.0	13.75	9.7	NORMALE
15	171739068193	7.0	12.25	9.1	NORMALE
16	171739080647	3.0	13.5	7.2	NORMALE
17	171739069143	3.0	12.0	6.6	NORMALE
18	171739074736	2.0	3.5	2.6	NORMALE
19	171739067209	4.0	11.0	6.8	NORMALE
20	171739070059	0.0	3.5	1.4	NORMALE
21	181539069124	13.0	14.25	13.5	NORMALE
22	171739065672	0.5	11.0	4.7	NORMALE
23	171739066090	9.0	12.5	10.4	NORMALE
24	161639076236	0.0	6.5	2.6	NORMALE
25	171739073364	1.0	7.5	3.6	NORMALE
26	171739065260	0.5	13.0	5.5	NORMALE
27	171739064268	0.0	13.0	5.2	NORMALE
28	171739070681	0.0	12.25	4.9	NORMALE
29	171739064748	15.5	12.5	14.3	NORMALE
30	171739083649	0.0	7.5	3.0	NORMALE
31	201539077493	0.0	3.5	1.4	NORMALE
32	151531031285	5.0	8.0	6.2	NORMALE
33	191539069861	2.5	10.5	5.7	NORMALE
34	161539078407	6.0	14.0	9.2	NORMALE
35	161539069847	0.0	12.0	4.8	NORMALE
36	19129053676	17.0	15.0	16.2	NORMALE
37	161539065172	3.0	8.0	5.0	NORMALE
38	161539070957	0.0	8.5	3.4	NORMALE
39	171539064837	2.5	12.5	6.5	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ن° 09 أوت 2021

Matière: technologie et protocoles pour le multimédia / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	16.0	14.5	15.4	NORMALE
2	161639066931	12.0	11.5	11.8	NORMALE
3	171739071356	14.0	14.0	14.0	NORMALE
4	171739065258	1.5	12.5	5.9	NORMALE
5	20084051979	14.0	17.0	15.2	NORMALE
6	21927067782	17.75	15.0	16.65	NORMALE
7	21037067782	17.75	15.0	16.65	NORMALE
8	161439058866	14.0	14.0	14.0	NORMALE
9	171739067222	15.25	13.5	14.55	NORMALE
10	171739071882	10.0	16.0	12.4	NORMALE
11	171739067172	13.5	15.5	14.3	NORMALE
12	20119041157	14.0	13.0	13.6	NORMALE
13	171739068669	17.0	14.0	15.8	NORMALE
14	171739082183	15.0	15.0	15.0	NORMALE
15	171739068427	7.0	11.5	8.8	NORMALE
16	171739067331	19.0	15.5	17.6	NORMALE
17	171739065277	15.0	15.5	15.2	NORMALE
18	171739065677	0.0	13.5	5.4	NORMALE
19	171739070760	17.0	15.0	16.2	NORMALE
20	171739068662	17.75	17.5	17.65	NORMALE
21	141439045773	18.25	13.5	16.35	NORMALE
22	171739065257	14.0	14.0	14.0	NORMALE
23	171739053478	13.25	16.5	14.55	NORMALE
24	171739081388	15.75	10.5	13.65	NORMALE
25	161639075816	14.0	14.0	14.0	NORMALE
26	171739076228	9.0	10.5	9.6	NORMALE
27	171739064420	17.5	12.0	15.3	NORMALE
28	161639074327	2.0	14.0	6.8	NORMALE
29	171739068394	16.75	15.5	16.25	NORMALE
30	171739067179	6.0	13.5	9.0	NORMALE
31	161639077192	15.5	14.0	14.9	NORMALE
32	171739068483	16.25	16.5	16.35	NORMALE
33	171739075116	19.0	15.0	17.4	NORMALE
34	17129050036	10.78	10.78	10.78	NORMALE
35	171539068968	18.0	12.5	15.8	NORMALE
36	161539072708	11.25	11.5	11.35	NORMALE
37	201539083611	20.0	12.5	17.0	NORMALE
38	17049055970	14.32	14.32	14.32	NORMALE
39	201439056889	12.0	12.0	12.0	NORMALE
40	20109045662	15.0	15.0	15.0	NORMALE
41	201439059512	7.75	12.0	9.45	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: technologie et protocoles pour le multimédia / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	3.0	0.0	1.8	NORMALE
2	171739081054	11.0	16.5	13.2	NORMALE
3	171739065680	19.5	16.5	18.3	NORMALE
4	171739074166	13.0	14.0	13.4	NORMALE
5	171739076310	17.0	18.0	17.4	NORMALE
6	191439056688	17.0	15.0	16.2	NORMALE
7	20119047160	13.5	14.5	13.9	NORMALE
8	171739064693	20.0	16.0	18.4	NORMALE
9	171739070657	13.5	12.5	13.1	NORMALE
10	171739064475	13.5	17.5	15.1	NORMALE
11	161639069935	18.0	14.5	16.6	NORMALE
12	2101942513	9.5	4.5	7.5	NORMALE
13	171739067090	16.5	12.0	14.7	NORMALE
14	161639065601	20.0	18.0	19.2	NORMALE
15	171739072731	19.5	12.0	16.5	NORMALE
16	161639066810	14.5	14.5	14.5	NORMALE
17	171739068718	17.0	14.5	16.0	NORMALE
18	171739064370	14.0	16.0	14.8	NORMALE
19	161639083962	18.0	17.0	17.6	NORMALE
20	171739068410	11.0	15.0	12.6	NORMALE
21	171739065629	15.5	16.0	15.7	NORMALE
22	171739067237	16.0	14.0	15.2	NORMALE
23	171739064252	8.0	12.5	9.8	NORMALE
24	171739065428	7.0	12.5	9.2	NORMALE
25	171739073721	15.75	13.0	14.65	NORMALE
26	161639078227	0.0	10.0	4.0	NORMALE
27	171739067712	12.5	17.0	14.3	NORMALE
28	171739065696	16.5	16.5	16.5	NORMALE
29	171739065424	1.5	11.5	5.5	NORMALE
30	171739067199	16.5	16.0	16.3	NORMALE
31	171739070777	7.0	12.0	9.0	NORMALE
32	161639075838	15.0	11.0	13.4	NORMALE
33	171539067658	13.25	15.0	13.95	NORMALE
34	161539084352	13.25	10.0	11.95	NORMALE
35	161439056058	13.5	7.0	10.9	NORMALE
36	201539046469	19.0	14.0	17.0	NORMALE
37	161539069029	13.0	12.0	12.6	NORMALE
38	161539078194	16.5	17.0	16.7	NORMALE
39	201539069960	14.0	17.0	15.2	NORMALE
40	201439056372	9.0	14.0	11.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ن° 09 أوت 2021

Matière: technologie et protocoles pour le multimédia / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	19.0	14.5	17.2	NORMALE
2	171739073800	11.5	15.0	12.9	NORMALE
3	161639065637	12.0	17.5	14.2	NORMALE
4	171739071332	13.25	13.0	13.15	NORMALE
5	20119028400	17.75	13.0	15.85	NORMALE
6	171737001522	6.75	13.0	9.25	NORMALE
7	171739076668	10.75	11.5	11.05	NORMALE
8	171739064582	14.5	9.5	12.5	NORMALE
9	171739075918	10.0	14.0	11.6	NORMALE
10	171739073311	16.75	15.0	16.05	NORMALE
11	161539069372	14.5	14.0	14.3	NORMALE
12	161639065860	6.25	13.0	8.95	NORMALE
13	171739068630	17.25	14.5	16.15	NORMALE
14	171739068413	16.5	13.5	15.3	NORMALE
15	171739068193	14.5	14.5	14.5	NORMALE
16	171739080647	12.75	15.0	13.65	NORMALE
17	171739069143	10.0	12.0	10.8	NORMALE
18	171739074736	15.75	12.0	14.25	NORMALE
19	171739067209	6.0	13.0	8.8	NORMALE
20	171739070059	3.5	6.0	4.5	NORMALE
21	181539069124	17.0	15.0	16.2	NORMALE
22	171739065672	14.5	15.0	14.7	NORMALE
23	171739066090	18.0	15.5	17.0	NORMALE
24	161639076236	10.0	12.0	10.8	NORMALE
25	171739073364	3.0	11.5	6.4	NORMALE
26	171739065260	15.0	12.5	14.0	NORMALE
27	171739064268	12.0	13.5	12.6	NORMALE
28	171739070681	11.75	12.0	11.85	NORMALE
29	171739064748	19.0	15.0	17.4	NORMALE
30	171739083649	4.75	10.5	7.05	NORMALE
31	201539077493	0.0	13.0	5.2	NORMALE
32	151531031285	18.5	15.0	17.1	NORMALE
33	191539069861	10.75	15.0	12.45	NORMALE
34	161539078407	13.0	12.5	12.8	NORMALE
35	161539069847	9.25	12.0	10.35	NORMALE
36	19129053676	19.0	18.5	18.8	NORMALE
37	161539065172	8.0	10.0	8.8	NORMALE
38	161539070957	18.75	14.0	16.85	NORMALE
39	171539064837	18.0	15.0	16.8	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Télécommunication spatiale / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	19.0	0.0	19.0	NORMALE
2	161639066931	14.0	0.0	14.0	NORMALE
3	171739071356	18.0	0.0	18.0	NORMALE
4	171739065258	19.0	0.0	19.0	NORMALE
5	20084051979	20.0	0.0	20.0	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	18.0	0.0	18.0	NORMALE
8	161439058866	0.0	0.0	0.0	NORMALE
9	171739067222	17.0	0.0	17.0	NORMALE
10	171739071882	17.0	0.0	17.0	NORMALE
11	171739067172	17.0	0.0	17.0	NORMALE
12	20119041157	16.0	0.0	16.0	NORMALE
13	171739068669	20.0	0.0	20.0	NORMALE
14	171739082183	6.0	0.0	6.0	NORMALE
15	171739068427	16.0	0.0	16.0	NORMALE
16	171739067331	14.0	0.0	14.0	NORMALE
17	171739065277	20.0	0.0	20.0	NORMALE
18	171739065677	16.0	0.0	16.0	NORMALE
19	171739070760	16.0	0.0	16.0	NORMALE
20	171739068662	19.0	0.0	19.0	NORMALE
21	141439045773	19.0	0.0	19.0	NORMALE
22	171739065257	19.0	0.0	19.0	NORMALE
23	171739053478	20.0	0.0	20.0	NORMALE
24	171739081388	10.0	0.0	10.0	NORMALE
25	161639075816	19.0	0.0	19.0	NORMALE
26	171739076228	17.0	0.0	17.0	NORMALE
27	171739064420	17.0	0.0	17.0	NORMALE
28	161639074327	11.5	0.0	11.5	NORMALE
29	171739068394	17.0	0.0	17.0	NORMALE
30	171739067179	10.0	0.0	10.0	NORMALE
31	161639077192	20.0	0.0	20.0	NORMALE
32	171739068483	19.0	0.0	19.0	NORMALE
33	171739075116	19.0	0.0	19.0	NORMALE
34	17129050036	17.0	0.0	17.0	NORMALE
35	171539068968	20.0	0.0	20.0	NORMALE
36	161539072708	19.0	0.0	19.0	NORMALE
37	201539083611	20.0	0.0	20.0	NORMALE
38	17049055970	15.0	0.0	15.0	NORMALE
39	201439056889	16.0	0.0	16.0	NORMALE
40	20109045662	17.0	0.0	17.0	NORMALE
41	201439059512	19.0	0.0	19.0	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Télécommunication spatiale / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	20.0	0.0	20.0	NORMALE
3	171739065680	17.0	0.0	17.0	NORMALE
4	171739074166	20.0	0.0	20.0	NORMALE
5	171739076310	20.0	0.0	20.0	NORMALE
6	191439056688	20.0	0.0	20.0	NORMALE
7	20119047160	20.0	0.0	20.0	NORMALE
8	171739064693	16.5	0.0	16.5	NORMALE
9	171739070657	19.0	0.0	19.0	NORMALE
10	171739064475	14.0	0.0	14.0	NORMALE
11	161639069935	20.0	0.0	20.0	NORMALE
12	2101942513	18.0	0.0	18.0	NORMALE
13	171739067090	14.0	0.0	14.0	NORMALE
14	161639065601	17.0	0.0	17.0	NORMALE
15	171739072731	20.0	0.0	20.0	NORMALE
16	161639066810	16.5	0.0	16.5	NORMALE
17	171739068718	17.0	0.0	17.0	NORMALE
18	171739064370	19.0	0.0	19.0	NORMALE
19	161639083962	20.0	0.0	20.0	NORMALE
20	171739068410	17.5	0.0	17.5	NORMALE
21	171739065629	20.0	0.0	20.0	NORMALE
22	171739067237	12.0	0.0	12.0	NORMALE
23	171739064252	19.0	0.0	19.0	NORMALE
24	171739065428	19.0	0.0	19.0	NORMALE
25	171739073721	18.0	0.0	18.0	NORMALE
26	161639078227	10.0	0.0	10.0	NORMALE
27	171739067712	20.0	0.0	20.0	NORMALE
28	171739065696	16.0	0.0	16.0	NORMALE
29	171739065424	12.0	0.0	12.0	NORMALE
30	171739067199	17.0	0.0	17.0	NORMALE
31	171739070777	17.0	0.0	17.0	NORMALE
32	161639075838	14.0	0.0	14.0	NORMALE
33	171539067658	16.0	0.0	16.0	NORMALE
34	161539084352	10.0	0.0	10.0	NORMALE
35	161439056058	18.0	0.0	18.0	NORMALE
36	201539046469	14.0	0.0	14.0	NORMALE
37	161539069029	19.0	0.0	19.0	NORMALE
38	161539078194	20.0	0.0	20.0	NORMALE
39	201539069960	19.0	0.0	19.0	NORMALE
40	201439056372	19.0	0.0	19.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Télécommunication spatiale / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	19.0	0.0	19.0	NORMALE
2	171739073800	19.0	0.0	19.0	NORMALE
3	161639065637	19.0	0.0	19.0	NORMALE
4	171739071332	20.0	0.0	20.0	NORMALE
5	20119028400	16.0	0.0	16.0	NORMALE
6	171737001522	18.0	0.0	18.0	NORMALE
7	171739076668	11.0	0.0	11.0	NORMALE
8	171739064582	20.0	0.0	20.0	NORMALE
9	171739075918	11.5	0.0	11.5	NORMALE
10	171739073311	20.0	0.0	20.0	NORMALE
11	161539069372	13.0	0.0	13.0	NORMALE
12	161639065860	19.0	0.0	19.0	NORMALE
13	171739068630	13.0	0.0	13.0	NORMALE
14	171739068413	20.0	0.0	20.0	NORMALE
15	171739068193	12.0	0.0	12.0	NORMALE
16	171739080647	17.0	0.0	17.0	NORMALE
17	171739069143	20.0	0.0	20.0	NORMALE
18	171739074736	17.0	0.0	17.0	NORMALE
19	171739067209	10.0	0.0	10.0	NORMALE
20	171739070059	11.0	0.0	11.0	NORMALE
21	181539069124	18.0	0.0	18.0	NORMALE
22	171739065672	19.0	0.0	19.0	NORMALE
23	171739066090	17.0	0.0	17.0	NORMALE
24	161639076236	14.0	0.0	14.0	NORMALE
25	171739073364	14.0	0.0	14.0	NORMALE
26	171739065260	19.0	0.0	19.0	NORMALE
27	171739064268	10.0	0.0	10.0	NORMALE
28	171739070681	16.0	0.0	16.0	NORMALE
29	171739064748	18.0	0.0	18.0	NORMALE
30	171739083649	18.0	0.0	18.0	NORMALE
31	201539077493	6.0	0.0	6.0	NORMALE
32	151531031285	19.0	0.0	19.0	NORMALE
33	191539069861	20.0	0.0	20.0	NORMALE
34	161539078407	10.0	0.0	10.0	NORMALE
35	161539069847	10.0	0.0	10.0	NORMALE
36	19129053676	20.0	0.0	20.0	NORMALE
37	161539065172	12.0	0.0	12.0	NORMALE
38	161539070957	17.0	0.0	17.0	NORMALE
39	171539064837	20.0	0.0	20.0	NORMALE

Signature de l'enseignant:

Le:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ن° 09 أوت 2019

Matière: Télévision numérique / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	10.0	8.5	9.4	NORMALE
2	161639066931	0.0	9.33	3.73	NORMALE
3	171739071356	3.0	11.33	6.33	NORMALE
4	171739065258	3.0	17.83	8.93	NORMALE
5	20084051979	6.0	14.83	9.53	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	12.0	11.5	11.8	NORMALE
8	161439058866	2.0	10.83	5.53	NORMALE
9	171739067222	2.0	13.33	6.53	NORMALE
10	171739071882	8.0	11.83	9.53	NORMALE
11	171739067172	0.0	11.83	4.73	NORMALE
12	20119041157	0.0	11.66	4.66	NORMALE
13	171739068669	0.0	14.0	5.6	NORMALE
14	171739082183	0.0	5.0	2.0	NORMALE
15	171739068427	0.0	14.66	5.86	NORMALE
16	171739067331	7.0	15.66	10.46	NORMALE
17	171739065277	4.0	15.66	8.66	NORMALE
18	171739065677	3.0	15.33	7.93	NORMALE
19	171739070760	0.0	15.33	6.13	NORMALE
20	171739068662	5.0	14.0	8.6	NORMALE
21	141439045773	2.0	11.83	5.93	NORMALE
22	171739065257	6.0	12.0	8.4	NORMALE
23	171739053478	2.0	11.83	5.93	NORMALE
24	171739081388	2.0	8.0	4.4	NORMALE
25	161639075816	0.0	14.66	5.86	NORMALE
26	171739076228	0.0	11.33	4.53	NORMALE
27	171739064420	0.0	9.0	3.6	NORMALE
28	161639074327	1.0	10.5	4.8	NORMALE
29	171739068394	0.0	11.66	4.66	NORMALE
30	171739067179	2.0	15.5	7.4	NORMALE
31	161639077192	4.0	17.83	9.53	NORMALE
32	171739068483	3.0	14.0	7.4	NORMALE
33	171739075116	6.0	15.83	9.93	NORMALE
34	17129050036	0.0	4.0	1.6	NORMALE
35	171539068968	0.0	11.66	4.66	NORMALE
36	161539072708	2.0	11.73	5.89	NORMALE
37	201539083611	0.0	11.83	4.73	NORMALE
38	17049055970	6.24	6.24	6.24	NORMALE
39	201439056889	0.0	8.33	3.33	NORMALE
40	20109045662	0.0	14.83	5.93	NORMALE
41	201439059512	0.0	8.33	3.33	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: ن° 09 أوت 2017

Matière: Télévision numérique / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	4.0	1.6	NORMALE
2	171739081054	0.0	16.16	6.46	NORMALE
3	171739065680	0.0	13.83	5.53	NORMALE
4	171739074166	10.0	16.16	12.46	NORMALE
5	171739076310	4.0	12.5	7.4	NORMALE
6	191439056688	2.0	11.66	5.86	NORMALE
7	20119047160	1.0	8.66	4.06	NORMALE
8	171739064693	4.0	13.83	7.93	NORMALE
9	171739070657	3.0	13.16	7.06	NORMALE
10	171739064475	0.0	11.0	4.4	NORMALE
11	161639069935	2.0	11.83	5.93	NORMALE
12	2101942513	3.0	13.16	7.06	NORMALE
13	171739067090	0.0	14.16	5.66	NORMALE
14	161639065601	7.0	19.0	11.8	NORMALE
15	171739072731	1.0	15.5	6.8	NORMALE
16	161639066810	1.0	6.33	3.13	NORMALE
17	171739068718	2.0	14.33	6.93	NORMALE
18	171739064370	1.0	15.5	6.8	NORMALE
19	161639083962	1.0	6.33	3.13	NORMALE
20	171739068410	7.0	13.83	9.73	NORMALE
21	171739065629	4.0	18.0	9.6	NORMALE
22	171739067237	0.0	13.33	5.33	NORMALE
23	171739064252	0.0	6.33	2.53	NORMALE
24	171739065428	2.0	17.16	8.06	NORMALE
25	171739073721	0.0	13.16	5.26	NORMALE
26	161639078227	2.0	8.5	4.6	NORMALE
27	171739067712	3.0	12.5	6.8	NORMALE
28	171739065696	3.0	14.33	7.53	NORMALE
29	171739065424	2.0	16.16	7.66	NORMALE
30	171739067199	2.0	15.16	7.26	NORMALE
31	171739070777	0.0	9.33	3.73	NORMALE
32	161639075838	1.0	11.0	5.0	NORMALE
33	171539067658	2.0	11.33	5.73	NORMALE
34	161539084352	0.0	7.33	2.93	NORMALE
35	161439056058	0.0	5.33	2.13	NORMALE
36	201539046469	2.0	11.0	5.6	NORMALE
37	161539069029	6.0	8.33	6.93	NORMALE
38	161539078194	0.0	11.66	4.66	NORMALE
39	201539069960	2.0	11.66	5.86	NORMALE
40	201439056372	2.0	14.5	7.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: Télévision numérique / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	1.0	12.66	5.66	NORMALE
2	171739073800	3.0	16.5	8.4	NORMALE
3	161639065637	4.0	6.33	4.93	NORMALE
4	171739071332	0.0	16.5	6.6	NORMALE
5	20119028400	1.0	11.66	5.26	NORMALE
6	171737001522	3.0	8.83	5.33	NORMALE
7	171739076668	0.0	7.66	3.06	NORMALE
8	171739064582	0.0	9.33	3.73	NORMALE
9	171739075918	2.0	14.5	7.0	NORMALE
10	171739073311	6.0	13.83	9.13	NORMALE
11	161539069372	0.0	13.5	5.4	NORMALE
12	161639065860	0.0	7.33	2.93	NORMALE
13	171739068630	1.0	14.33	6.33	NORMALE
14	171739068413	3.0	14.33	7.53	NORMALE
15	171739068193	1.0	9.16	4.26	NORMALE
16	171739080647	2.0	10.66	5.46	NORMALE
17	171739069143	6.0	8.33	6.93	NORMALE
18	171739074736	0.0	5.16	2.06	NORMALE
19	171739067209	0.0	17.16	6.86	NORMALE
20	171739070059	2.0	14.5	7.0	NORMALE
21	181539069124	3.0	5.83	4.13	NORMALE
22	171739065672	4.0	17.16	9.26	NORMALE
23	171739066090	3.0	12.66	6.86	NORMALE
24	161639076236	0.0	9.33	3.73	NORMALE
25	171739073364	0.0	10.16	4.06	NORMALE
26	171739065260	1.0	10.66	4.86	NORMALE
27	171739064268	0.0	10.66	4.26	NORMALE
28	171739070681	4.0	17.16	9.26	NORMALE
29	171739064748	1.0	12.66	5.66	NORMALE
30	171739083649	5.0	14.0	8.6	NORMALE
31	201539077493	2.0	8.5	4.6	NORMALE
32	151531031285	0.0	7.66	3.06	NORMALE
33	191539069861	2.0	8.33	4.53	NORMALE
34	161539078407	1.0	7.33	3.53	NORMALE
35	161539069847	1.0	9.33	4.33	NORMALE
36	19129053676	4.0	19.0	10.0	NORMALE
37	161539065172	0.0	7.33	2.93	NORMALE
38	161539070957	0.0	9.33	3.73	NORMALE
39	171539064837	2.0	11.66	5.86	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: TP communications optiques / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	0.0	12.0	12.0	NORMALE
2	161639066931	0.0	10.0	10.0	NORMALE
3	171739071356	0.0	10.0	10.0	NORMALE
4	171739065258	0.0	10.0	10.0	NORMALE
5	20084051979	0.0	14.0	14.0	NORMALE
6	21927067782	0.0	10.0	10.0	NORMALE
7	21037067782	0.0	10.0	10.0	NORMALE
8	161439058866	0.0	13.0	13.0	NORMALE
9	171739067222	0.0	12.0	12.0	NORMALE
10	171739071882	0.0	12.0	12.0	NORMALE
11	171739067172	0.0	10.0	10.0	NORMALE
12	20119041157	0.0	11.0	11.0	NORMALE
13	171739068669	0.0	11.0	11.0	NORMALE
14	171739082183	0.0	10.0	10.0	NORMALE
15	171739068427	0.0	10.0	10.0	NORMALE
16	171739067331	0.0	12.0	12.0	NORMALE
17	171739065277	0.0	12.0	12.0	NORMALE
18	171739065677	0.0	11.0	11.0	NORMALE
19	171739070760	0.0	11.0	11.0	NORMALE
20	171739068662	0.0	11.0	11.0	NORMALE
21	141439045773	0.0	12.0	12.0	NORMALE
22	171739065257	0.0	11.0	11.0	NORMALE
23	171739053478	0.0	12.0	12.0	NORMALE
24	171739081388	0.0	11.0	11.0	NORMALE
25	161639075816	0.0	12.0	12.0	NORMALE
26	171739076228	0.0	10.0	10.0	NORMALE
27	171739064420	0.0	10.0	10.0	NORMALE
28	161639074327	0.0	11.0	11.0	NORMALE
29	171739068394	0.0	12.0	12.0	NORMALE
30	171739067179	0.0	12.0	12.0	NORMALE
31	161639077192	0.0	10.0	10.0	NORMALE
32	171739068483	0.0	11.0	11.0	NORMALE
33	171739075116	0.0	12.0	12.0	NORMALE
34	17129050036	0.0	0.0	0.0	NORMALE
35	171539068968	0.0	12.0	12.0	NORMALE
36	161539072708	0.0	10.0	10.0	NORMALE
37	201539083611	0.0	14.0	14.0	NORMALE
38	17049055970	0.0	5.0	5.0	NORMALE
39	201439056889	0.0	11.0	11.0	NORMALE
40	20109045662	0.0	14.0	14.0	NORMALE
41	201439059512	0.0	10.0	10.0	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: TP communications optiques / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	11.0	11.0	NORMALE
2	171739081054	0.0	10.0	10.0	NORMALE
3	171739065680	0.0	12.0	12.0	NORMALE
4	171739074166	0.0	10.0	10.0	NORMALE
5	171739076310	0.0	10.0	10.0	NORMALE
6	191439056688	0.0	11.0	11.0	NORMALE
7	20119047160	0.0	10.0	10.0	NORMALE
8	171739064693	0.0	10.0	10.0	NORMALE
9	171739070657	0.0	12.0	12.0	NORMALE
10	171739064475	0.0	10.0	10.0	NORMALE
11	161639069935	0.0	10.0	10.0	NORMALE
12	2101942513	0.0	12.0	12.0	NORMALE
13	171739067090	0.0	11.0	11.0	NORMALE
14	161639065601	0.0	12.0	12.0	NORMALE
15	171739072731	0.0	11.0	11.0	NORMALE
16	161639066810	0.0	11.0	11.0	NORMALE
17	171739068718	0.0	11.0	11.0	NORMALE
18	171739064370	0.0	12.0	12.0	NORMALE
19	161639083962	0.0	10.0	10.0	NORMALE
20	171739068410	0.0	10.0	10.0	NORMALE
21	171739065629	0.0	12.0	12.0	NORMALE
22	171739067237	0.0	11.0	11.0	NORMALE
23	171739064252	0.0	11.0	11.0	NORMALE
24	171739065428	0.0	12.0	12.0	NORMALE
25	171739073721	0.0	12.0	12.0	NORMALE
26	161639078227	0.0	12.0	12.0	NORMALE
27	171739067712	0.0	10.0	10.0	NORMALE
28	171739065696	0.0	12.0	12.0	NORMALE
29	171739065424	0.0	12.0	12.0	NORMALE
30	171739067199	0.0	12.0	12.0	NORMALE
31	171739070777	0.0	11.0	11.0	NORMALE
32	161639075838	0.0	10.0	10.0	NORMALE
33	171539067658	0.0	10.0	10.0	NORMALE
34	161539084352	0.0	10.0	10.0	NORMALE
35	161439056058	0.0	0.0	0.0	NORMALE
36	201539046469	0.0	10.0	10.0	NORMALE
37	161539069029	0.0	10.0	10.0	NORMALE
38	161539078194	0.0	11.0	11.0	NORMALE
39	201539069960	0.0	11.0	11.0	NORMALE
40	201439056372	0.0	11.0	11.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت

Matière: TP communications optiques / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	0.0	10.0	10.0	NORMALE
2	171739073800	0.0	13.0	13.0	NORMALE
3	161639065637	0.0	12.0	12.0	NORMALE
4	171739071332	0.0	11.0	11.0	NORMALE
5	20119028400	0.0	14.0	14.0	NORMALE
6	171737001522	0.0	14.0	14.0	NORMALE
7	171739076668	0.0	10.0	10.0	NORMALE
8	171739064582	0.0	10.0	10.0	NORMALE
9	171739075918	0.0	10.0	10.0	NORMALE
10	171739073311	0.0	14.0	14.0	NORMALE
11	161539069372	0.0	11.0	11.0	NORMALE
12	161639065860	0.0	12.0	12.0	NORMALE
13	171739068630	0.0	11.0	11.0	NORMALE
14	171739068413	0.0	11.0	11.0	NORMALE
15	171739068193	0.0	11.0	11.0	NORMALE
16	171739080647	0.0	10.0	10.0	NORMALE
17	171739069143	0.0	10.0	10.0	NORMALE
18	171739074736	0.0	11.0	11.0	NORMALE
19	171739067209	0.0	12.0	12.0	NORMALE
20	171739070059	0.0	10.0	10.0	NORMALE
21	181539069124	0.0	11.0	11.0	NORMALE
22	171739065672	0.0	10.0	10.0	NORMALE
23	171739066090	0.0	10.0	10.0	NORMALE
24	161639076236	0.0	12.0	12.0	NORMALE
25	171739073364	0.0	10.0	10.0	NORMALE
26	171739065260	0.0	10.0	10.0	NORMALE
27	171739064268	0.0	10.0	10.0	NORMALE
28	171739070681	0.0	10.0	10.0	NORMALE
29	171739064748	0.0	10.0	10.0	NORMALE
30	171739083649	0.0	11.0	11.0	NORMALE
31	201539077493	0.0	10.0	10.0	NORMALE
32	151531031285	0.0	10.0	10.0	NORMALE
33	191539069861	0.0	10.0	10.0	NORMALE
34	161539078407	0.0	12.0	12.0	NORMALE
35	161539069847	0.0	10.0	10.0	NORMALE
36	19129053676	0.0	13.0	13.0	NORMALE
37	161539065172	0.0	0.0	0.0	NORMALE
38	161539070957	0.0	11.0	11.0	NORMALE
39	171539064837	0.0	11.0	11.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP réseaux sans fil et réseaux mobiles / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	0.0	16.0	16.0	NORMALE
2	161639066931	0.0	4.3	4.3	NORMALE
3	171739071356	0.0	16.1	16.1	NORMALE
4	171739065258	0.0	14.6	14.6	NORMALE
5	20084051979	0.0	16.9	16.9	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	0.0	15.0	15.0	NORMALE
8	161439058866	0.0	16.0	16.0	NORMALE
9	171739067222	0.0	16.5	16.5	NORMALE
10	171739071882	0.0	14.2	14.2	NORMALE
11	171739067172	0.0	12.3	12.3	NORMALE
12	20119041157	0.0	16.0	16.0	NORMALE
13	171739068669	0.0	13.4	13.4	NORMALE
14	171739082183	0.0	6.5	6.5	NORMALE
15	171739068427	0.0	11.1	11.1	NORMALE
16	171739067331	0.0	16.5	16.5	NORMALE
17	171739065277	0.0	16.5	16.5	NORMALE
18	171739065677	0.0	11.0	11.0	NORMALE
19	171739070760	0.0	16.9	16.9	NORMALE
20	171739068662	0.0	13.4	13.4	NORMALE
21	141439045773	0.0	14.2	14.2	NORMALE
22	171739065257	0.0	13.0	13.0	NORMALE
23	171739053478	0.0	14.2	14.2	NORMALE
24	171739081388	0.0	11.2	11.2	NORMALE
25	161639075816	0.0	13.0	13.0	NORMALE
26	171739076228	0.0	16.1	16.1	NORMALE
27	171739064420	0.0	13.0	13.0	NORMALE
28	161639074327	0.0	4.5	4.5	NORMALE
29	171739068394	0.0	16.0	16.0	NORMALE
30	171739067179	0.0	14.6	14.6	NORMALE
31	161639077192	0.0	14.6	14.6	NORMALE
32	171739068483	0.0	13.4	13.4	NORMALE
33	171739075116	0.0	16.8	16.8	NORMALE
34	17129050036	0.0	0.0	0.0	NORMALE
35	171539068968	0.0	16.0	16.0	NORMALE
36	161539072708	0.0	16.0	16.0	NORMALE
37	201539083611	0.0	16.9	16.9	NORMALE
38	17049055970	0.0	13.3	13.3	NORMALE
39	201439056889	0.0	11.1	11.1	NORMALE
40	20109045662	0.0	16.9	16.9	NORMALE
41	201439059512	0.0	8.8	8.8	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP réseaux sans fil et réseaux mobiles / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	0.0	12.4	12.4	NORMALE
3	171739065680	0.0	15.0	15.0	NORMALE
4	171739074166	0.0	15.0	15.0	NORMALE
5	171739076310	0.0	13.5	13.5	NORMALE
6	191439056688	0.0	14.4	14.4	NORMALE
7	20119047160	0.0	13.8	13.8	NORMALE
8	171739064693	0.0	15.0	15.0	NORMALE
9	171739070657	0.0	10.03	10.03	NORMALE
10	171739064475	0.0	13.8	13.8	NORMALE
11	161639069935	0.0	15.0	15.0	NORMALE
12	2101942513	0.0	10.3	10.3	NORMALE
13	171739067090	0.0	13.8	13.8	NORMALE
14	161639065601	0.0	17.4	17.4	NORMALE
15	171739072731	0.0	9.5	9.5	NORMALE
16	161639066810	0.0	13.0	13.0	NORMALE
17	171739068718	0.0	14.3	14.3	NORMALE
18	171739064370	0.0	10.3	10.3	NORMALE
19	161639083962	0.0	13.0	13.0	NORMALE
20	171739068410	0.0	15.0	15.0	NORMALE
21	171739065629	0.0	15.8	15.8	NORMALE
22	171739067237	0.0	13.8	13.8	NORMALE
23	171739064252	0.0	13.0	13.0	NORMALE
24	171739065428	0.0	14.3	14.3	NORMALE
25	171739073721	0.0	14.3	14.3	NORMALE
26	161639078227	0.0	6.0	6.0	NORMALE
27	171739067712	0.0	13.5	13.5	NORMALE
28	171739065696	0.0	15.0	15.0	NORMALE
29	171739065424	0.0	12.4	12.4	NORMALE
30	171739067199	0.0	12.5	12.5	NORMALE
31	171739070777	0.0	11.1	11.1	NORMALE
32	161639075838	0.0	14.3	14.3	NORMALE
33	171539067658	0.0	13.3	13.3	NORMALE
34	161539084352	0.0	15.0	15.0	NORMALE
35	161439056058	0.0	13.3	13.3	NORMALE
36	201539046469	0.0	14.3	14.3	NORMALE
37	161539069029	0.0	14.0	14.0	NORMALE
38	161539078194	0.0	14.4	14.4	NORMALE
39	201539069960	0.0	14.4	14.4	NORMALE
40	201439056372	0.0	14.3	14.3	NORMALE

Signature de l'enseignant:

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP réseaux sans fil et réseaux mobiles / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	0.0	13.3	13.3	NORMALE
2	171739073800	0.0	16.8	16.8	NORMALE
3	161639065637	0.0	9.6	9.6	NORMALE
4	171739071332	0.0	16.8	16.8	NORMALE
5	20119028400	0.0	14.7	14.7	NORMALE
6	171737001522	0.0	14.7	14.7	NORMALE
7	171739076668	0.0	14.7	14.7	NORMALE
8	171739064582	0.0	11.1	11.1	NORMALE
9	171739075918	0.0	6.0	6.0	NORMALE
10	171739073311	0.0	14.7	14.7	NORMALE
11	161539069372	0.0	14.0	14.0	NORMALE
12	161639065860	0.0	13.0	13.0	NORMALE
13	171739068630	0.0	14.3	14.3	NORMALE
14	171739068413	0.0	14.3	14.3	NORMALE
15	171739068193	0.0	15.0	15.0	NORMALE
16	171739080647	0.0	10.2	10.2	NORMALE
17	171739069143	0.0	14.8	14.8	NORMALE
18	171739074736	0.0	4.6	4.6	NORMALE
19	171739067209	0.0	14.3	14.3	NORMALE
20	171739070059	0.0	6.0	6.0	NORMALE
21	181539069124	0.0	15.0	15.0	NORMALE
22	171739065672	0.0	14.3	14.3	NORMALE
23	171739066090	0.0	13.3	13.3	NORMALE
24	161639076236	0.0	8.8	8.8	NORMALE
25	171739073364	0.0	6.0	6.0	NORMALE
26	171739065260	0.0	10.2	10.2	NORMALE
27	171739064268	0.0	13.0	13.0	NORMALE
28	171739070681	0.0	10.3	10.3	NORMALE
29	171739064748	0.0	13.3	13.3	NORMALE
30	171739083649	0.0	6.8	6.8	NORMALE
31	201539077493	0.0	6.0	6.0	NORMALE
32	151531031285	0.0	14.7	14.7	NORMALE
33	191539069861	0.0	8.8	8.8	NORMALE
34	161539078407	0.0	8.8	8.8	NORMALE
35	161539069847	0.0	14.8	14.8	NORMALE
36	19129053676	0.0	17.4	17.4	NORMALE
37	161539065172	0.0	13.0	13.0	NORMALE
38	161539070957	0.0	14.0	14.0	NORMALE
39	171539064837	0.0	13.3	13.3	NORMALE

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Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP technologie et protocoles pour le multimédia / Section A / 1

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	21079070773	0.0	19.0	19.0	NORMALE
2	161639066931	0.0	6.0	6.0	NORMALE
3	171739071356	0.0	10.0	10.0	NORMALE
4	171739065258	0.0	12.0	12.0	NORMALE
5	20084051979	0.0	13.0	13.0	NORMALE
6	21927067782	0.0	0.0	0.0	NORMALE
7	21037067782	0.0	14.0	14.0	NORMALE
8	161439058866	0.0	19.0	19.0	NORMALE
9	171739067222	0.0	16.0	16.0	NORMALE
10	171739071882	0.0	15.0	15.0	NORMALE
11	171739067172	0.0	18.0	18.0	NORMALE
12	20119041157	0.0	20.0	20.0	NORMALE
13	171739068669	0.0	14.0	14.0	NORMALE
14	171739082183	0.0	8.0	8.0	NORMALE
15	171739068427	0.0	12.0	12.0	NORMALE
16	171739067331	0.0	16.0	16.0	NORMALE
17	171739065277	0.0	16.0	16.0	NORMALE
18	171739065677	0.0	14.0	14.0	NORMALE
19	171739070760	0.0	12.0	12.0	NORMALE
20	171739068662	0.0	18.0	18.0	NORMALE
21	141439045773	0.0	16.0	16.0	NORMALE
22	171739065257	0.0	10.0	10.0	NORMALE
23	171739053478	0.0	15.0	15.0	NORMALE
24	171739081388	0.0	10.0	10.0	NORMALE
25	161639075816	0.0	10.0	10.0	NORMALE
26	171739076228	0.0	10.0	10.0	NORMALE
27	171739064420	0.0	10.0	10.0	NORMALE
28	161639074327	0.0	0.0	0.0	NORMALE
29	171739068394	0.0	20.0	20.0	NORMALE
30	171739067179	0.0	17.0	17.0	NORMALE
31	161639077192	0.0	17.0	17.0	NORMALE
32	171739068483	0.0	14.0	14.0	NORMALE
33	171739075116	0.0	12.0	12.0	NORMALE
34	17129050036	0.0	0.0	0.0	NORMALE
35	171539068968	0.0	20.0	20.0	NORMALE
36	161539072708	0.0	14.0	14.0	NORMALE
37	201539083611	0.0	15.0	15.0	NORMALE
38	17049055970	0.0	14.75	14.75	NORMALE
39	201439056889	0.0	10.0	10.0	NORMALE
40	20109045662	0.0	14.0	14.0	NORMALE
41	201439059512	0.0	6.0	6.0	NORMALE
42	17049053084	0.0	0.0	0.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP technologie et protocoles pour le multimédia / Section A / 2

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	219203016063	0.0	0.0	0.0	NORMALE
2	171739081054	0.0	10.0	10.0	NORMALE
3	171739065680	0.0	12.0	12.0	NORMALE
4	171739074166	0.0	15.0	15.0	NORMALE
5	171739076310	0.0	9.0	9.0	NORMALE
6	191439056688	0.0	18.0	18.0	NORMALE
7	20119047160	0.0	14.0	14.0	NORMALE
8	171739064693	0.0	14.0	14.0	NORMALE
9	171739070657	0.0	16.0	16.0	NORMALE
10	171739064475	0.0	14.0	14.0	NORMALE
11	161639069935	0.0	10.0	10.0	NORMALE
12	2101942513	0.0	10.0	10.0	NORMALE
13	171739067090	0.0	7.0	7.0	NORMALE
14	161639065601	0.0	20.0	20.0	NORMALE
15	171739072731	0.0	18.0	18.0	NORMALE
16	161639066810	0.0	10.0	10.0	NORMALE
17	171739068718	0.0	14.0	14.0	NORMALE
18	171739064370	0.0	18.0	18.0	NORMALE
19	161639083962	0.0	9.0	9.0	NORMALE
20	171739068410	0.0	15.0	15.0	NORMALE
21	171739065629	0.0	10.0	10.0	NORMALE
22	171739067237	0.0	7.0	7.0	NORMALE
23	171739064252	0.0	13.0	13.0	NORMALE
24	171739065428	0.0	6.0	6.0	NORMALE
25	171739073721	0.0	14.0	14.0	NORMALE
26	161639078227	0.0	0.0	0.0	NORMALE
27	171739067712	0.0	9.0	9.0	NORMALE
28	171739065696	0.0	12.0	12.0	NORMALE
29	171739065424	0.0	7.0	7.0	NORMALE
30	171739067199	0.0	16.0	16.0	NORMALE
31	171739070777	0.0	10.0	10.0	NORMALE
32	161639075838	0.0	16.0	16.0	NORMALE
33	171539067658	0.0	9.0	9.0	NORMALE
34	161539084352	0.0	0.0	0.0	NORMALE
35	161439056058	0.0	0.0	0.0	NORMALE
36	201539046469	0.0	14.0	14.0	NORMALE
37	161539069029	0.0	15.0	15.0	NORMALE
38	161539078194	0.0	16.0	16.0	NORMALE
39	201539069960	0.0	16.0	16.0	NORMALE
40	201439056372	0.0	8.0	8.0	NORMALE

2021/2022

Filière: Télécommunications
systèmes des télécommunications

Niveau: Arrêté d'habilitation de l'offre de formation: N° 09 أوت 2021

Matière: TP technologie et protocoles pour le multimédia / Section A / 3

PV de délibération par matière

#	Matricule	Examen	CC	MG	Session
1	171739066199	0.0	10.0	10.0	NORMALE
2	171739073800	0.0	13.0	13.0	NORMALE
3	161639065637	0.0	8.0	8.0	NORMALE
4	171739071332	0.0	16.0	16.0	NORMALE
5	20119028400	0.0	9.0	9.0	NORMALE
6	171737001522	0.0	7.0	7.0	NORMALE
7	171739076668	0.0	12.0	12.0	NORMALE
8	171739064582	0.0	10.0	10.0	NORMALE
9	171739075918	0.0	10.0	10.0	NORMALE
10	171739073311	0.0	13.0	13.0	NORMALE
11	161539069372	0.0	18.0	18.0	NORMALE
12	161639065860	0.0	8.0	8.0	NORMALE
13	171739068630	0.0	14.0	14.0	NORMALE
14	171739068413	0.0	14.0	14.0	NORMALE
15	171739068193	0.0	12.0	12.0	NORMALE
16	171739080647	0.0	12.0	12.0	NORMALE
17	171739069143	0.0	7.0	7.0	NORMALE
18	171739074736	0.0	4.0	4.0	NORMALE
19	171739067209	0.0	7.0	7.0	NORMALE
20	171739070059	0.0	10.0	10.0	NORMALE
21	181539069124	0.0	12.0	12.0	NORMALE
22	171739065672	0.0	11.0	11.0	NORMALE
23	171739066090	0.0	6.0	6.0	NORMALE
24	161639076236	0.0	10.0	10.0	NORMALE
25	171739073364	0.0	6.0	6.0	NORMALE
26	171739065260	0.0	12.0	12.0	NORMALE
27	171739064268	0.0	12.0	12.0	NORMALE
28	171739070681	0.0	13.0	13.0	NORMALE
29	171739064748	0.0	10.0	10.0	NORMALE
30	171739083649	0.0	12.0	12.0	NORMALE
31	201539077493	0.0	0.0	0.0	NORMALE
32	151531031285	0.0	12.0	12.0	NORMALE
33	191539069861	0.0	4.0	4.0	NORMALE
34	161539078407	0.0	0.0	0.0	NORMALE
35	161539069847	0.0	16.0	16.0	NORMALE
36	19129053676	0.0	20.0	20.0	NORMALE
37	161539065172	0.0	6.0	6.0	NORMALE
38	161539070957	0.0	16.0	16.0	NORMALE
39	171539064837	0.0	7.0	7.0	NORMALE