



Année Académique:

2025/2026

Filière:

Ecologie et environnement

Spécialité:

ecologie et environnement

Niveau:

Licence 3ème Année

Période:

Semestre 5

Domaine:

Sciences de la Nature et de la Vie

Arrêté d’habilitation de l’offre de formation:

N°1587 du 06/10/2016

Matière:

Analyse et protection de l’environnement / section / groupe

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC   | MG   | Session |
|----|--------------|-----------|---------------|--------|------|------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 6.6    | 6.6  | 6.6  | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 6.0    | 6.75 | 6.3  | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 6.8    | 6.8  | 6.8  | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 3.0    | 9.5  | 5.6  | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 1.5    | 4.5  | 2.7  | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 1.5    | 9.0  | 4.5  | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 6.0    | 9.0  | 7.2  | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 6.0    | 11.5 | 8.2  | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.4   | 10.4 | 10.4 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 3.0    | 9.0  | 5.4  | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 7.0    | 14.0 | 9.8  | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 4.5    | 7.5  | 5.7  | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 0.0    | 12.5 | 5.0  | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 4.5    | 13.0 | 7.9  | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 9.5    | 17.5 | 12.7 | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 4.5    | 7.5  | 5.7  | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 15.5   | 19.0 | 16.9 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 4.5    | 9.5  | 6.5  | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 12.5   | 16.0 | 13.9 | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 6.0    | 13.0 | 8.8  | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 8.5    | 12.0 | 9.9  | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 3.0    | 9.5  | 5.6  | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 5.5    | 12.0 | 8.1  | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 9.6    | 9.6  | 9.6  | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 7.0    | 7.0  | 7.0  | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 3.5    | 13.0 | 7.3  | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 5.5    | 13.5 | 8.7  | NORMALE |
| 29 | 232334372620 | MEZAHEM   | SAMEH         | 6.5    | 11.0 | 8.3  | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 10.9   | 10.9 | 10.9 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 5.0    | 12.0 | 7.8  | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaida      | 10.8   | 10.8 | 10.8 | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 10.0   | 10.0 | 10.0 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 4.0    | 7.5  | 5.4  | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 1.5    | 8.0  | 4.1  | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 15.0   | 16.0 | 15.4 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 5.8    | 5.8  | 5.8  | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 1.5    | 7.5  | 3.9  | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 1.5    | 10.5 | 5.1  | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC    | MG    | Session |
|----|--------------|-----------|---------------|--------|-------|-------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 12.5   | 14.0  | 13.1  | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 5.0    | 16.0  | 9.4   | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 8.6    | 8.6   | 8.6   | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0   | 0.0   | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 11.0   | 14.5  | 12.4  | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 3.0    | 14.25 | 7.5   | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 6.5    | 15.5  | 10.1  | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 7.75   | 15.5  | 10.85 | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 16.5   | 15.0  | 15.9  | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 12.0   | 12.0  | 12.0  | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 11.25  | 16.0  | 13.15 | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 7.25   | 15.75 | 10.65 | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 8.0    | 16.0  | 11.2  | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 10.0   | 12.88 | 11.15 | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 4.25   | 14.75 | 8.45  | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 9.0    | 14.25 | 11.1  | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 4.0    | 11.5  | 7.0   | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 13.0   | 16.25 | 14.3  | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 11.5   | 14.5  | 12.7  | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 14.0   | 15.0  | 14.4  | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 9.5    | 19.0  | 13.3  | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 10.5   | 12.5  | 11.3  | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 8.5    | 13.88 | 10.65 | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 9.0    | 12.5  | 10.4  | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 6.8    | 6.8   | 6.8   | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 7.4    | 7.4   | 7.4   | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 6.0    | 14.0  | 9.2   | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 12.25  | 13.75 | 12.85 | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 7.25   | 13.5  | 9.75  | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 5.5    | 10.25 | 7.4   | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 13.5   | 14.25 | 13.8  | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaida      | 9.2    | 9.2   | 9.2   | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 8.1    | 8.1   | 8.1   | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 4.0    | 14.38 | 8.15  | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 7.0    | 7.0   | 7.0   | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 14.25  | 16.0  | 14.95 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 10.0   | 10.0  | 10.0  | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 2.0    | 11.0  | 5.6   | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 2.5    | 10.0  | 5.5   | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC   | MG   | Session |
|----|--------------|-----------|---------------|--------|------|------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 10.0   | 10.0 | 10.0 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 17.5   | 0.0  | 17.5 | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 16.0   | 16.0 | 16.0 | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 12.5   | 0.0  | 12.5 | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 7.5    | 0.0  | 7.5  | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 14.0   | 0.0  | 14.0 | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 9.0    | 0.0  | 9.0  | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 5.0    | 0.0  | 5.0  | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.0   | 10.0 | 10.0 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 10.0   | 0.0  | 10.0 | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 13.5   | 0.0  | 13.5 | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 16.0   | 0.0  | 16.0 | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 5.0    | 0.0  | 5.0  | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 11.0   | 0.0  | 11.0 | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 12.5   | 0.0  | 12.5 | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 0.0    | 0.0  | 0.0  | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 14.0   | 0.0  | 14.0 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 9.5    | 0.0  | 9.5  | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 18.5   | 0.0  | 18.5 | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 10.0   | 0.0  | 10.0 | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 11.5   | 0.0  | 11.5 | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 11.5   | 0.0  | 11.5 | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 8.0    | 0.0  | 8.0  | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 13.0   | 13.0 | 13.0 | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 10.0   | 10.0 | 10.0 | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 3.0    | 0.0  | 3.0  | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 6.0    | 0.0  | 6.0  | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 15.5   | 0.0  | 15.5 | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 12.0   | 12.0 | 12.0 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 13.0   | 0.0  | 13.0 | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 11.5   | 0.0  | 11.5 | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 13.0   | 13.0 | 13.0 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 0.0    | 0.0  | 0.0  | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 10.0   | 10.0 | 10.0 | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 16.0   | 0.0  | 16.0 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 10.0   | 10.0 | 10.0 | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 1.5    | 0.0  | 1.5  | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 0.0    | 0.0  | 0.0  | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC   | MG   | Session |
|----|--------------|-----------|---------------|--------|------|------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 10.2   | 10.2 | 10.2 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 20.0   | 20.0 | 20.0 | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 10.6   | 10.6 | 10.6 | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 20.0   | 20.0 | 20.0 | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 19.0   | 18.0 | 18.6 | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 19.0   | 18.0 | 18.6 | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 19.0   | 18.0 | 18.6 | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 16.0   | 16.0 | 16.0 | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.2   | 10.2 | 10.2 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 19.0   | 19.0 | 19.0 | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 18.0   | 16.0 | 17.2 | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 19.0   | 19.0 | 19.0 | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 17.0   | 18.0 | 17.4 | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 17.0   | 20.0 | 18.2 | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 17.0   | 20.0 | 18.2 | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 19.0   | 20.0 | 19.4 | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 19.0   | 20.0 | 19.4 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 18.0   | 14.0 | 16.4 | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 19.0   | 20.0 | 19.4 | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 20.0   | 20.0 | 20.0 | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 20.0   | 19.0 | 19.6 | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 17.0   | 14.0 | 15.8 | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 20.0   | 17.0 | 18.8 | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 12.0   | 12.0 | 12.0 | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 12.8   | 12.8 | 12.8 | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 19.0   | 18.0 | 18.6 | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 19.0   | 18.0 | 18.6 | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 20.0   | 15.0 | 18.0 | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 10.6   | 10.6 | 10.6 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 18.0   | 15.0 | 16.8 | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 12.4   | 12.4 | 12.4 | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 11.2   | 11.2 | 11.2 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 19.0   | 15.0 | 17.4 | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 12.4   | 12.4 | 12.4 | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 18.0   | 20.0 | 18.8 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 10.2   | 10.2 | 10.2 | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 19.0   | 12.0 | 16.2 | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 19.0   | 12.0 | 16.2 | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC    | MG    | Session |
|----|--------------|-----------|---------------|--------|-------|-------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 10.98  | 10.98 | 10.98 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 15.5   | 18.0  | 16.5  | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 13.46  | 13.46 | 13.46 | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0   | 0.0   | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 15.0   | 16.6  | 15.64 | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 7.0    | 14.0  | 9.8   | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 10.0   | 18.0  | 13.2  | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 5.0    | 16.0  | 9.4   | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 16.0   | 16.5  | 16.2  | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.66  | 10.66 | 10.66 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 7.0    | 14.0  | 9.8   | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 3.0    | 15.0  | 7.8   | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 12.0   | 17.0  | 14.0  | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 0.0    | 12.5  | 5.0   | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 7.5    | 17.0  | 11.3  | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 16.0   | 19.0  | 17.2  | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 12.0   | 11.0  | 11.6  | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 14.0   | 17.0  | 15.2  | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 12.0   | 15.5  | 13.4  | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 18.0   | 19.0  | 18.4  | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 11.5   | 18.0  | 14.1  | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 7.5    | 16.0  | 10.9  | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 7.0    | 14.0  | 9.8   | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 6.0    | 17.6  | 10.64 | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 11.29  | 11.29 | 11.29 | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 10.83  | 10.83 | 10.83 | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 6.0    | 17.5  | 10.6  | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 4.0    | 14.5  | 8.2   | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 5.0    | 18.0  | 10.2  | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 4.0    | 15.0  | 8.4   | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 10.0   | 15.5  | 12.2  | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 12.2   | 12.2  | 12.2  | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 12.53  | 12.53 | 12.53 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 2.5    | 15.5  | 7.7   | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 13.2   | 13.2  | 13.2  | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 19.0   | 18.0  | 18.6  | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 10.0   | 16.0  | 12.4  | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 2.0    | 15.5  | 7.4   | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 6.0    | 13.5  | 9.0   | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC    | MG    | Session |
|----|--------------|-----------|---------------|--------|-------|-------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 4.5    | 8.25  | 6.0   | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 7.5    | 10.0  | 8.5   | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 3.15   | 3.15  | 3.15  | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0   | 0.0   | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 12.0   | 15.25 | 13.3  | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 3.75   | 8.25  | 5.55  | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 10.0   | 10.25 | 10.1  | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 8.5    | 11.0  | 9.5   | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 8.75   | 12.0  | 10.05 | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 5.1    | 5.1   | 5.1   | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 8.0    | 10.0  | 8.8   | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 3.5    | 11.0  | 6.5   | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 1.75   | 10.25 | 5.15  | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 10.0   | 6.5   | 8.6   | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 12.5   | 12.0  | 12.3  | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 11.5   | 12.0  | 11.7  | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 4.25   | 6.5   | 5.15  | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 12.75  | 17.0  | 14.45 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 7.5    | 8.0   | 7.7   | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 10.0   | 15.5  | 12.2  | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 12.0   | 15.5  | 13.4  | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 12.5   | 15.5  | 13.7  | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 6.0    | 9.0   | 7.2   | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 11.25  | 14.0  | 12.35 | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 8.4    | 8.4   | 8.4   | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 8.4    | 8.4   | 8.4   | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 10.0   | 9.25  | 9.7   | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 10.0   | 14.5  | 11.8  | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 3.75   | 10.25 | 6.35  | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 9.3    | 9.3   | 9.3   | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 10.0   | 11.5  | 10.6  | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 4.0    | 7.5   | 5.4   | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 3.7    | 3.7   | 3.7   | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 3.75   | 8.0   | 5.45  | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 3.5    | 8.5   | 5.5   | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 18.0   | 18.5  | 18.2  | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 3.75   | 8.25  | 5.55  | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 4.25   | 7.25  | 5.45  | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 4.5    | 7.25  | 5.6   | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC   | MG   | Session |
|----|--------------|-----------|---------------|--------|------|------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 10.6   | 10.6 | 10.6 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 8.0    | 14.0 | 10.4 | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 11.0   | 11.0 | 11.0 | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 10.0   | 16.0 | 12.4 | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 18.0   | 15.0 | 16.8 | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 16.0   | 15.0 | 15.6 | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 14.5   | 16.0 | 15.1 | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 14.0   | 14.0 | 14.0 | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.0   | 10.0 | 10.0 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 10.0   | 13.0 | 11.2 | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 9.0    | 13.0 | 10.6 | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 17.5   | 16.0 | 16.9 | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 10.0   | 15.0 | 12.0 | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 13.0   | 16.0 | 14.2 | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 12.0   | 15.0 | 13.2 | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 17.0   | 15.0 | 16.2 | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 12.0   | 14.0 | 12.8 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 11.0   | 13.0 | 11.8 | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 18.0   | 17.0 | 17.6 | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 16.5   | 17.0 | 16.7 | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 14.0   | 15.0 | 14.4 | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 13.0   | 15.0 | 13.8 | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 13.5   | 16.0 | 14.5 | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 12.2   | 12.2 | 12.2 | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 10.5   | 10.5 | 10.5 | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 15.0   | 15.0 | 15.0 | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 9.0    | 16.0 | 11.8 | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 9.0    | 15.0 | 11.4 | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 13.5   | 10.0 | 12.1 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 8.0    | 13.0 | 10.0 | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 11.3   | 11.3 | 11.3 | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 11.6   | 11.6 | 11.6 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 14.5   | 16.0 | 15.1 | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 11.0   | 11.0 | 11.0 | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 12.0   | 13.0 | 12.4 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 12.0   | 12.0 | 12.0 | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 13.0   | 12.0 | 12.6 | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 15.5   | 14.0 | 14.9 | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC    | MG    | Session |
|----|--------------|-----------|---------------|--------|-------|-------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 12.25  | 12.25 | 12.25 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 15.5   | 14.0  | 14.9  | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 10.0   | 10.0  | 10.0  | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0   | 0.0   | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 12.0   | 15.0  | 13.2  | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 13.0   | 13.0  | 13.0  | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 7.0    | 15.0  | 10.2  | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 8.0    | 16.5  | 11.4  | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 7.0    | 11.0  | 8.6   | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 11.0   | 11.0  | 11.0  | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 8.0    | 14.0  | 10.4  | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 6.25   | 14.5  | 9.55  | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 12.5   | 13.5  | 12.9  | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 10.0   | 11.5  | 10.6  | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 6.0    | 15.0  | 9.6   | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 5.75   | 15.5  | 9.65  | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 10.5   | 13.0  | 11.5  | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 12.0   | 16.0  | 13.6  | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 9.0    | 14.5  | 11.2  | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 11.0   | 15.5  | 12.8  | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 6.75   | 16.0  | 10.45 | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 10.0   | 14.0  | 11.6  | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 12.5   | 12.0  | 12.3  | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 8.0    | 16.0  | 11.2  | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 10.0   | 10.0  | 10.0  | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 10.0   | 10.0  | 10.0  | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 11.75  | 12.5  | 12.05 | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 7.5    | 14.0  | 10.1  | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 14.0   | 16.0  | 14.8  | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 11.95  | 11.95 | 11.95 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 10.25  | 14.0  | 11.75 | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 5.0    | 10.0  | 7.0   | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 10.8   | 10.8  | 10.8  | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 6.25   | 13.5  | 9.15  | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 5.25   | 7.5   | 6.15  | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 9.0    | 16.0  | 11.8  | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 12.4   | 12.4  | 12.4  | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 8.75   | 12.5  | 10.25 | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 13.0   | 11.5  | 12.4  | NORMALE |

PV de délibération par matière (Session normale)

| #  | Matricule    | Nom       | Prénom        | Examen | CC   | MG   | Session |
|----|--------------|-----------|---------------|--------|------|------|---------|
| 1  | 212134058351 | AGAGUENA  | MANAR         | 10.8   | 10.8 | 10.8 | NORMALE |
| 2  | 232334374509 | ALLAOUNA  | Kouthar       | 15.5   | 17.0 | 16.1 | NORMALE |
| 3  | 222234357508 | ARROUF    | Rayen         | 11.7   | 11.7 | 11.7 | NORMALE |
| 4  | 232334381807 | BAALLOUDJ | REDHOUANE     | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 232334401203 | BECHIA    | Nada          | 16.0   | 19.0 | 17.2 | NORMALE |
| 6  | 222234361403 | BEDDIAF   | WISSEM        | 0.0    | 17.0 | 6.8  | NORMALE |
| 7  | 232334381508 | BENGHALIA | Anfal         | 17.5   | 16.0 | 16.9 | NORMALE |
| 8  | 232334382611 | BENHOURIA | Lina          | 17.0   | 18.0 | 17.4 | NORMALE |
| 9  | 222234367512 | BERHAIL   | HAYTHEM       | 17.0   | 10.5 | 14.4 | NORMALE |
| 10 | 212134059146 | BOUDJEMAA | Ikram         | 10.8   | 10.8 | 10.8 | NORMALE |
| 11 | 222234362212 | BOUHRAOUA | Islah         | 17.5   | 18.0 | 17.7 | NORMALE |
| 12 | 232334376815 | BOUROUBA  | OUISAL        | 14.5   | 17.0 | 15.5 | NORMALE |
| 13 | 232334394910 | BOUSSAHA  | Rawia         | 12.0   | 14.0 | 12.8 | NORMALE |
| 14 | 232334391703 | BOUSSALEM | Roumaissa     | 14.5   | 0.0  | 8.7  | NORMALE |
| 15 | 232334391813 | BOUSSALEM | Soraya        | 10.0   | 13.0 | 11.2 | NORMALE |
| 16 | 232334392103 | BOUTERAA  | NAWALE        | 15.0   | 18.0 | 16.2 | NORMALE |
| 17 | 202034019229 | BRADJI    | MERIOM        | 9.0    | 12.0 | 10.2 | NORMALE |
| 18 | 232334372203 | CHENINI   | Raouane       | 16.5   | 17.0 | 16.7 | NORMALE |
| 19 | 212134058258 | DERRADJI  | Sara          | 15.5   | 16.0 | 15.7 | NORMALE |
| 20 | 232334429909 | HAMADI    | LATIFA        | 16.0   | 19.0 | 17.2 | NORMALE |
| 21 | 232334381401 | HANTACHE  | Ilham         | 18.0   | 16.0 | 17.2 | NORMALE |
| 22 | 222234371508 | KENZARI   | WISSAL        | 15.5   | 18.0 | 16.5 | NORMALE |
| 23 | 232334017206 | KHAMMAR   | Dounya        | 14.5   | 15.0 | 14.7 | NORMALE |
| 24 | 232334400310 | KHENFAF   | AHLAM         | 18.0   | 17.0 | 17.6 | NORMALE |
| 25 | 212134059588 | MAATALLAH | Houda         | 11.4   | 11.4 | 11.4 | NORMALE |
| 26 | 222234391117 | MERABET   | Chaima        | 11.6   | 11.6 | 11.6 | NORMALE |
| 27 | 232334407003 | MERAH     | Ikram         | 16.5   | 17.0 | 16.7 | NORMALE |
| 28 | 232334386208 | MESSAOUDI | Imane         | 17.5   | 19.0 | 18.1 | NORMALE |
| 29 | 232334372620 | MEZAHM    | SAMEH         | 13.5   | 19.5 | 15.9 | NORMALE |
| 30 | 191934056173 | NASRI     | Nour elhouda  | 12.0   | 12.0 | 12.0 | NORMALE |
| 31 | 222234378908 | RAMDANI   | Wiem wiem oum | 16.0   | 18.0 | 16.8 | NORMALE |
| 32 | 222234391003 | SAADI     | Roufaïda      | 12.3   | 12.3 | 12.3 | NORMALE |
| 33 | 222234360013 | SAHRAOUI  | Maroua        | 13.2   | 13.2 | 13.2 | NORMALE |
| 34 | 232334395001 | SAHRAOUI  | RIHEM         | 7.0    | 15.0 | 10.2 | NORMALE |
| 35 | 222234386304 | SAMEUR    | Roumeyssa     | 10.4   | 10.4 | 10.4 | NORMALE |
| 36 | 232334395410 | SIFI      | Mounira       | 16.5   | 18.0 | 17.1 | NORMALE |
| 37 | 212134058330 | TOUMI     | MALIK         | 10.0   | 14.0 | 11.6 | NORMALE |
| 38 | 232334372305 | VASSALO   | RIM           | 10.0   | 10.5 | 10.2 | NORMALE |
| 39 | 222234390716 | ZEDIRA    | IKRAM         | 10.0   | 18.0 | 13.2 | NORMALE |