



2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Matière:** Barrage 1 / Section A / 1

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

| #  | Matricule    | Examen | CC   | MG    | Session |
|----|--------------|--------|------|-------|---------|
| 1  | 171739064698 | 13.0   | 12.2 | 12.68 | NORMALE |
| 2  | 171739064174 | 5.0    | 9.0  | 6.6   | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0  | 0.0   | NORMALE |
| 4  | 171739081465 | 0.0    | 7.5  | 3.0   | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0  | 0.0   | NORMALE |
| 6  | 181839069476 | 9.0    | 11.5 | 10.0  | NORMALE |
| 7  | 2001945310   | 14.0   | 15.0 | 14.4  | NORMALE |
| 8  | 20079051831  | 17.0   | 14.1 | 15.84 | NORMALE |
| 9  | 20079055113  | 12.0   | 16.1 | 13.64 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0  | 0.0   | NORMALE |
| 11 | 20079051830  | 13.0   | 15.3 | 13.92 | NORMALE |
| 12 | 181839050256 | 10.5   | 12.8 | 11.42 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0  | 0.0   | NORMALE |
| 14 | 2197835432   | 13.0   | 13.8 | 13.32 | NORMALE |
| 15 | 2097821145   | 10.5   | 12.1 | 11.14 | NORMALE |
| 16 | 211339054714 | 10.0   | 14.1 | 11.64 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0  | 0.0   | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Ethique , déontologie et Propriété Intellectuelle / Section A / 1

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

| #  | Matricule    | Examen | CC  | MG   | Session |
|----|--------------|--------|-----|------|---------|
| 1  | 171739064698 | 11.0   | 0.0 | 11.0 | NORMALE |
| 2  | 171739064174 | 13.0   | 0.0 | 13.0 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0 | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0 | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0 | 0.0  | NORMALE |
| 6  | 181839069476 | 13.0   | 0.0 | 13.0 | NORMALE |
| 7  | 2001945310   | 15.0   | 0.0 | 15.0 | NORMALE |
| 8  | 20079051831  | 15.0   | 0.0 | 15.0 | NORMALE |
| 9  | 20079055113  | 14.0   | 0.0 | 14.0 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0 | 0.0  | NORMALE |
| 11 | 20079051830  | 0.0    | 0.0 | 0.0  | NORMALE |
| 12 | 181839050256 | 13.0   | 0.0 | 13.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0 | 0.0  | NORMALE |
| 14 | 2197835432   | 14.0   | 0.0 | 14.0 | NORMALE |
| 15 | 2097821145   | 15.0   | 0.0 | 15.0 | NORMALE |
| 16 | 211339054714 | 15.0   | 0.0 | 15.0 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0 | 0.0  | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Etude d imp. des oménagement / Section A / 1

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

| #  | Matricule    | Examen | CC  | MG   | Session |
|----|--------------|--------|-----|------|---------|
| 1  | 171739064698 | 10.0   | 0.0 | 10.0 | NORMALE |
| 2  | 171739064174 | 10.0   | 0.0 | 10.0 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0 | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0 | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0 | 0.0  | NORMALE |
| 6  | 181839069476 | 4.0    | 0.0 | 4.0  | NORMALE |
| 7  | 2001945310   | 10.0   | 0.0 | 10.0 | NORMALE |
| 8  | 20079051831  | 11.0   | 0.0 | 11.0 | NORMALE |
| 9  | 20079055113  | 8.0    | 0.0 | 8.0  | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0 | 0.0  | NORMALE |
| 11 | 20079051830  | 10.0   | 0.0 | 10.0 | NORMALE |
| 12 | 181839050256 | 13.0   | 0.0 | 13.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0 | 0.0  | NORMALE |
| 14 | 2197835432   | 10.0   | 0.0 | 10.0 | NORMALE |
| 15 | 2097821145   | 13.0   | 0.0 | 13.0 | NORMALE |
| 16 | 211339054714 | 12.0   | 0.0 | 12.0 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0 | 0.0  | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Géotechnique des ouvrages hydrauliques / Section A / 1

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

| #  | Matricule    | Examen | CC    | MG    | Session |
|----|--------------|--------|-------|-------|---------|
| 1  | 171739064698 | 0.0    | 12.4  | 4.96  | NORMALE |
| 2  | 171739064174 | 6.0    | 7.5   | 6.6   | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0   | 0.0   | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0   | 0.0   | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0   | 0.0   | NORMALE |
| 6  | 181839069476 | 6.0    | 6.6   | 6.24  | NORMALE |
| 7  | 2001945310   | 14.5   | 14.3  | 14.42 | NORMALE |
| 8  | 20079051831  | 14.25  | 12.15 | 13.41 | NORMALE |
| 9  | 20079055113  | 8.0    | 8.0   | 8.0   | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0   | 0.0   | NORMALE |
| 11 | 20079051830  | 0.0    | 3.0   | 1.2   | NORMALE |
| 12 | 181839050256 | 0.0    | 8.5   | 3.4   | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0   | 0.0   | NORMALE |
| 14 | 2197835432   | 13.75  | 14.8  | 14.17 | NORMALE |
| 15 | 2097821145   | 4.0    | 11.05 | 6.82  | NORMALE |
| 16 | 211339054714 | 0.0    | 8.5   | 3.4   | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0   | 0.0   | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Hydraulique Souterraine / Section A / 1

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

| #  | Matricule    | Examen | CC    | MG    | Session |
|----|--------------|--------|-------|-------|---------|
| 1  | 171739064698 | 12.0   | 11.25 | 11.7  | NORMALE |
| 2  | 171739064174 | 5.5    | 10.7  | 7.58  | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0   | 0.0   | NORMALE |
| 4  | 171739081465 | 0.0    | 15.35 | 6.14  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0   | 0.0   | NORMALE |
| 6  | 181839069476 | 4.0    | 7.4   | 5.36  | NORMALE |
| 7  | 2001945310   | 10.0   | 15.35 | 12.14 | NORMALE |
| 8  | 20079051831  | 14.5   | 13.25 | 14.0  | NORMALE |
| 9  | 20079055113  | 10.0   | 12.2  | 10.88 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0   | 0.0   | NORMALE |
| 11 | 20079051830  | 10.0   | 10.0  | 10.0  | NORMALE |
| 12 | 181839050256 | 5.5    | 12.05 | 8.12  | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0   | 0.0   | NORMALE |
| 14 | 2197835432   | 11.0   | 13.35 | 11.94 | NORMALE |
| 15 | 2097821145   | 10.5   | 13.2  | 11.58 | NORMALE |
| 16 | 211339054714 | 5.0    | 10.85 | 7.34  | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0   | 0.0   | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:** Arrêté d'habilitation de l'offre de

قرار رقم 1212 المؤرخ في 09 أوت 2021

**Matière:** Machines Hydrauliques et stations de pompage / Section A / 1

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

| #  | Matricule    | Examen | CC   | MG   | Session |
|----|--------------|--------|------|------|---------|
| 1  | 171739064698 | 2.5    | 8.4  | 4.86 | NORMALE |
| 2  | 171739064174 | 0.0    | 0.0  | 0.0  | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0  | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.3  | 0.12 | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0  | 0.0  | NORMALE |
| 6  | 181839069476 | 2.0    | 5.0  | 3.2  | NORMALE |
| 7  | 2001945310   | 8.0    | 17.0 | 11.6 | NORMALE |
| 8  | 20079051831  | 0.5    | 12.8 | 5.42 | NORMALE |
| 9  | 20079055113  | 2.5    | 10.4 | 5.66 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0  | 0.0  | NORMALE |
| 11 | 20079051830  | 3.0    | 10.0 | 5.8  | NORMALE |
| 12 | 181839050256 | 0.5    | 14.0 | 5.9  | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0  | 0.0  | NORMALE |
| 14 | 2197835432   | 6.0    | 14.9 | 9.56 | NORMALE |
| 15 | 2097821145   | 0.0    | 12.8 | 5.12 | NORMALE |
| 16 | 211339054714 | 0.5    | 15.2 | 6.38 | NORMALE |
| 17 | 20099039700  | 11.0   | 11.0 | 11.0 | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Modélisation et Simulation en hydraulique / Section A / 1

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

| #  | Matricule    | Examen | CC   | MG   | Session |
|----|--------------|--------|------|------|---------|
| 1  | 171739064698 | 0.0    | 13.9 | 13.9 | NORMALE |
| 2  | 171739064174 | 0.0    | 13.6 | 13.6 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0  | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0  | 0.0  | NORMALE |
| 6  | 181839069476 | 0.0    | 13.9 | 13.9 | NORMALE |
| 7  | 2001945310   | 0.0    | 13.6 | 13.6 | NORMALE |
| 8  | 20079051831  | 0.0    | 13.6 | 13.6 | NORMALE |
| 9  | 20079055113  | 0.0    | 12.3 | 12.3 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0  | 0.0  | NORMALE |
| 11 | 20079051830  | 0.0    | 12.3 | 12.3 | NORMALE |
| 12 | 181839050256 | 0.0    | 13.6 | 13.6 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0  | 0.0  | NORMALE |
| 14 | 2197835432   | 0.0    | 17.0 | 17.0 | NORMALE |
| 15 | 2097821145   | 0.0    | 14.3 | 14.3 | NORMALE |
| 16 | 211339054714 | 0.0    | 14.9 | 14.9 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0  | 0.0  | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Organisation et mécanisation des travaux / Section A / 1

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

| #  | Matricule    | Examen | CC  | MG   | Session |
|----|--------------|--------|-----|------|---------|
| 1  | 171739064698 | 19.0   | 0.0 | 19.0 | NORMALE |
| 2  | 171739064174 | 12.0   | 0.0 | 12.0 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0 | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0 | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0 | 0.0  | NORMALE |
| 6  | 181839069476 | 14.0   | 0.0 | 14.0 | NORMALE |
| 7  | 2001945310   | 15.0   | 0.0 | 15.0 | NORMALE |
| 8  | 20079051831  | 18.0   | 0.0 | 18.0 | NORMALE |
| 9  | 20079055113  | 14.0   | 0.0 | 14.0 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0 | 0.0  | NORMALE |
| 11 | 20079051830  | 13.0   | 0.0 | 13.0 | NORMALE |
| 12 | 181839050256 | 18.0   | 0.0 | 18.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0 | 0.0  | NORMALE |
| 14 | 2197835432   | 15.0   | 0.0 | 15.0 | NORMALE |
| 15 | 2097821145   | 15.0   | 0.0 | 15.0 | NORMALE |
| 16 | 211339054714 | 15.0   | 0.0 | 15.0 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0 | 0.0  | NORMALE |

Signature de l'enseignant:

Le:



2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** Qualité des eaux / Section A / 1

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

| #  | Matricule    | Examen | CC  | MG   | Session |
|----|--------------|--------|-----|------|---------|
| 1  | 171739064698 | 6.75   | 0.0 | 6.75 | NORMALE |
| 2  | 171739064174 | 7.0    | 0.0 | 7.0  | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0 | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0 | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0 | 0.0  | NORMALE |
| 6  | 181839069476 | 10.0   | 0.0 | 10.0 | NORMALE |
| 7  | 2001945310   | 7.5    | 0.0 | 7.5  | NORMALE |
| 8  | 20079051831  | 11.0   | 0.0 | 11.0 | NORMALE |
| 9  | 20079055113  | 5.5    | 0.0 | 5.5  | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0 | 0.0  | NORMALE |
| 11 | 20079051830  | 10.0   | 0.0 | 10.0 | NORMALE |
| 12 | 181839050256 | 10.0   | 0.0 | 10.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0 | 0.0  | NORMALE |
| 14 | 2197835432   | 7.0    | 0.0 | 7.0  | NORMALE |
| 15 | 2097821145   | 10.0   | 0.0 | 10.0 | NORMALE |
| 16 | 211339054714 | 7.25   | 0.0 | 7.25 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0 | 0.0  | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** TP Géotechnique des ouvrages hydrauliques / Section A / 1

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

| #  | Matricule    | Examen | CC   | MG   | Session |
|----|--------------|--------|------|------|---------|
| 1  | 171739064698 | 0.0    | 15.0 | 15.0 | NORMALE |
| 2  | 171739064174 | 0.0    | 12.0 | 12.0 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0  | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0  | 0.0  | NORMALE |
| 6  | 181839069476 | 0.0    | 12.0 | 12.0 | NORMALE |
| 7  | 2001945310   | 0.0    | 16.0 | 16.0 | NORMALE |
| 8  | 20079051831  | 0.0    | 12.0 | 12.0 | NORMALE |
| 9  | 20079055113  | 0.0    | 11.0 | 11.0 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0  | 0.0  | NORMALE |
| 11 | 20079051830  | 0.0    | 10.0 | 10.0 | NORMALE |
| 12 | 181839050256 | 0.0    | 12.0 | 12.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0  | 0.0  | NORMALE |
| 14 | 2197835432   | 0.0    | 15.0 | 15.0 | NORMALE |
| 15 | 2097821145   | 0.0    | 13.0 | 13.0 | NORMALE |
| 16 | 211339054714 | 0.0    | 12.0 | 12.0 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0  | 0.0  | NORMALE |

Signature de l'enseignant:

Le:

2021/2022

**Filière:** hydraulique  
ouvrages hydrauliques

**Niveau:**

**Arrêté d'habilitation de l'offre de**

قرار رقم 1212 المؤرخ في 09 أوت 09

**Matière:** TP Machines hydrauliques et stations pompage / Section A / 1

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

| #  | Matricule    | Examen | CC   | MG   | Session |
|----|--------------|--------|------|------|---------|
| 1  | 171739064698 | 0.0    | 16.0 | 16.0 | NORMALE |
| 2  | 171739064174 | 0.0    | 14.0 | 14.0 | NORMALE |
| 3  | 161639085945 | 0.0    | 0.0  | 0.0  | NORMALE |
| 4  | 171739081465 | 0.0    | 0.0  | 0.0  | NORMALE |
| 5  | 161639068944 | 0.0    | 0.0  | 0.0  | NORMALE |
| 6  | 181839069476 | 0.0    | 14.0 | 14.0 | NORMALE |
| 7  | 2001945310   | 0.0    | 0.0  | 0.0  | NORMALE |
| 8  | 20079051831  | 0.0    | 14.0 | 14.0 | NORMALE |
| 9  | 20079055113  | 0.0    | 14.0 | 14.0 | NORMALE |
| 10 | 20089039089  | 0.0    | 0.0  | 0.0  | NORMALE |
| 11 | 20079051830  | 0.0    | 0.0  | 0.0  | NORMALE |
| 12 | 181839050256 | 0.0    | 15.0 | 15.0 | NORMALE |
| 13 | 20059041168  | 0.0    | 0.0  | 0.0  | NORMALE |
| 14 | 2197835432   | 0.0    | 15.5 | 15.5 | NORMALE |
| 15 | 2097821145   | 0.0    | 14.0 | 14.0 | NORMALE |
| 16 | 211339054714 | 0.0    | 14.0 | 14.0 | NORMALE |
| 17 | 20099039700  | 0.0    | 0.0  | 0.0  | NORMALE |

Signature de l'enseignant:

Le:























