REPUBLIC OF CAMEROON Peace–Work–Fatherland

03 AOUT 2018

ORDER No. 11006527 /MINFOPRA OF _____

To announce a training competitive examination for the recruitment of 10 (ten) student Meteorology Engineers into the National Advanced School of Engineering (ENSP) of the University of Yaounde I, for the 2018/2019 academic year.

THE MINISTER OF THE PUBLIC SERVICE AND ADMINISTRATIVE REFORM,

Mindful of the Constitution;

Mindful of decree No.75/781 of 18 December 1975 to lay down the Special Rules and Regulations governing the corps of Meteorology civil servants, as amended by decree No.76/329 of 5 August 1976;

Mindful of decree No.94/199 of 7 October 1994 on the General Rules and Regulations of the Public Service, as amended and supplemented by decree No.2000/287 of 12 October 2000;

Mindful of decree No.2000/696/PM of 13 September 2000 to fix the General System of Government Competitive Examinations;

Mindful of decree No.2011/408 of 9 December 2011 to organize the Government, as amended and supplemented by decree No.2018/190 of 2 March 2018;

Mindful of decree No.2012/537 of 19 November 2012 to organize the Ministry of the Public Service and Administrative Reform;

Mindful of decree No.2018/191 of 2 March 2018 to reshuffle the Government;

SERVICES DU PREMIER MINISTRE VISA 04817 02 AOU 2018 PRIME MINISTER'S OFFICE

HEREBY ORDERS AS FOLLOWS:

Article 1.-(1) A training competitive examination to recruit 10 (ten) **Meteorology Engineers** into the National Advanced School of Engineering (ENSP) of the University of Yaounde I, have been announced for the 2018/2019 academic year.

(2) The written part of this competitive examination shall take place on **13 and 14 October 2018** in Yaounde, the **only examination centre.**

Article 2.-This competitive examination shall be open to all persons who meet the following conditions:

1) To be of Cameroonian nationality;
2) Be at least **17** (seventeen) years of age and **31** (thirty-one) years at most, as at 1st January 2018 **(be born between 01/01/1987 and 01/01/2001)**;
3) Be physically fit to assume the duties of Meteorology Engineer;
4) Never have been convicted;
5) Be holder of a Bachelor of Science degree or any other equivalent diploma recognized by the Administration of the National Advanced School of Engineering (ENSPY) of the University of Yaoundé I obtained in one of the following subjects: **Meteorology, Mathematics** and **Physics**.

Article 3.-FILE COMPOSITION

(1) The application file shall comprise the following documents:

a) a registration form bearing a **CFA 1000 francs** fiscal stamp. The forms can be obtained at the Ministry of the Public Service and Administrative Reform or all its Regional Delegations or downloaded at the following website address: http://www.minfopra.gov.cm;

b) a certified true copy of birth certificate signed by a competent civil authority;
c) a certified true copy of the required certificate signed by a competent civil authority;
d) a certified true copy of the GCE-A/L certificate signed by a competent civil authority;
e) an attestation of presentation of the original of the required diploma;
f) GCE-A/L transcripts and results slips of the last three years spent in a University institution that has issued the diploma;
g) a receipt attesting payment of the sum of **CFA 15 000 (fifteen thousand) francs** issued by either the Service Head for Direct and Scholarship Competitive Examinations at the Ministry or the Service Head for Recruitment and Training at the Regional Delegations of the Ministry of the Public Service and Administrative Reform;
h) a certificate of non-conviction;
i) a medical certificate issue by a public sector Medical Officer;
j) a curriculum vitae and studiorium;
k) a copy of the contract or decision of employment, for the state employee candidate governed by the Labour Code;
l) four passport-size photographs;
m) an envelope bearing a **CFA 500 francs** stamp and the candidate's address.

(2) The complete application file shall be submitted, against a receipt, at the Ministry of the Public Service and Administrative Reform, Department of State Human Resources Development, (4th floor, Rooms 405 and 409) or in all Regional Delegations of the Public Service, not later than **Friday 28 September 2018.**

N.B:

- **All incomplete or late files or files containing documents signed by the Police shall be rejected.**
- **Documents certified by administrative, municipal and judicial authorities shall be less than three months old at the time of submission.**

Article 4.- (1) The syllabus of this competitive examination is that of study cycles leading to the award of the **Bachelor of Science degree.**

(2) The examination shall take place in Yaounde, the only examination centre, according to following schedule.

Dates	Paper	Time	Time allowed	Coef.	Eliminatory mark
13 October 2018	General Knowledge	8:a.m. -12:p.m.	4 hrs.	2	5/20
	Physics	1: p.m. -5:p.m.	4 hrs.	3	5/20
14 October 2018	Mathematics	8:a.m. -12:p.m.	4 hrs.	3	5/20
	Language (English for francophone candidates and French for Anglophone candidates)	1:p.m. -3:p.m.	2 hrs.	2	5/20

(3) The latest time to arrive the examination centre is **7:00 a.m.**

Article 5.-The final results of the competitive examination shall be published through an instrument signed by the Minister of the Public Service and Administrative Reform.

SERVICES DU PREMIER MINISTRE
VISA
004817 02 AOU 2018
PRIME MINISTER'S OFFICE

Article 6.-This order shall be registered and published wherever necessary.

Yaounde, 03 AOUT 2018

THE MINISTER OF THE PUBLIC SERVICE
AND ADMINISTRATIVE REFORM

REPUBLIQUE DU CAMEROUN
REPUBLIC OF CAMEROON
The Minister
Le Ministre
MINISTRY OF PUBLIC SERVICE AND ADMINISTRATIVE REFORM
MINISTERE DE LA FONCTION PUBLIQUE ET DE LA REFORME ADMINISTRATIVE

Joseph L.

SERVICES DU PREMIER MINISTRE
VISA
004817 02 AOU 2018
PRIME MINISTER'S OFFICE

I- MATHEMATICS

ANALYSIS

I) Set of real numbers;
- Properties of IR;
- Real numbers sequence;
- Numeric function sequence.

II) Numeric functions of a real variable
- Continuity and derivation;
- Riemann integral;
- Ordinary differential equation;

III) Series
- Series of numbers;
- Series of functions, integral series and Fourier series.

IV) Numeric function of several real variables
- Continuity;
- Differentiability;
  - Search of extremes;
  - Multiple integrals, curvilinear integrals, surface integrals;
  - Stokes formula.

ALGEBRA

I) Algebraic structure;
- Groups;
- Rings;
- Fields and algebra.

II) Reduction of endomorphisms into finite dimension

III) Multilinear algebra
- Quadratic form;
- Hermetian form;
- Scalar product;
- Euclidean space.

PROBABILITY

I) Combinatory analysis

II) Probability calculus, Central Limit Theorem

III) Random variable

IV) Classic probability laws

V) Sampling and estimation in statistics

VI) Hypothesis test

VII) Regression and correlation

GEOMETRY

I) Affine spaces
- Barycentre
- Vectorial product, mix product

II) Curves and surfaces

II- PHYSICS

MECHANICS

- Relative Motion And Galilean Invariant;
- Build-Up Dynamics ;
- Motion and Energy ;
- HarmonicOscillators ;
- Reciprocal Force of Unit Square Distance;
- Elementary Dynamics of Solids ;
- Lorentz Transform ;
- Velocity of Light;
- Gravitation and AstronomicLaws ;
- DynamicRelativity Notions.

THERMODYNAMICS

- Temperature, pressure ;
- Quantity of heat and calorimetry;
- Motion and heat ;
- Perfect gas and real gas ;
- Principles of thermodynamics ;
- Latent heat and first order transition.

GEOMETRICAL AND ONDULATING OPTICS

- The law of geometrical optics ;
- Optical imaging ;
- Centeredsystems ;
- Optical equipment ;
- Diffuse Light interferometry ;
- Ad infinitum diffraction.

ELECTROMAGNETISM

- Electric charge ;
- Electrostatic interaction ;
- Calculation of fields and potentials;
- Electrostaticdipole ;
- Magneticfield ;
- Magnetic Force and Energy ;
- Magnetic induction ;
- Maxwell'sequations ;
- Propagation of electromagneticwaves ;
- Electromagneticenergy ;
- Oscillatingelectricdipole.

BASIC CHEMISTRY

- Chemicalthermodynamics ;
- Chemical bond ;
- Atomic science ;
- Chemical Solutions and equilibrium ;
- Descriptive and structural chemistry.