

INSTITUT UCAC-ICAM
Concours d'entrée- juin 2021

A remplir par le candidat :	Cadre réservé à l'Institut N° anonyme :
Nom : Prénom : Centre de passage de l'examen : N° de place : Epreuve de :	

Cadre réservé à l'Institut Note :	✓ 2nd CYCLE FORMATION INGENIEUR <u>Epreuve d'ANGLAIS</u>	Cadre réservé à l'Institut N° anonyme :
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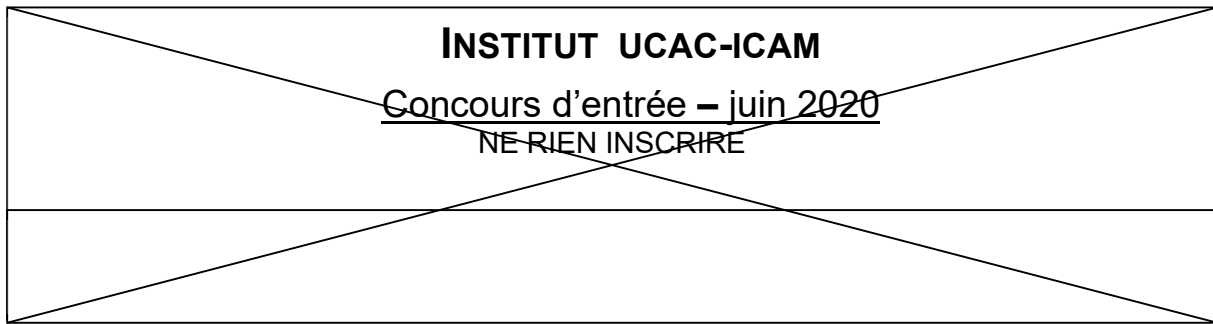
SECTION A: READING COMPREHENSION 5 marks

Read the short passage below and write down the letters that correspond to the most suitable answers on the answer sheet.

Reading Passage: The Next Frontiers for Science

What is relevant is that we are destroying our planet. A steadily rising population is placing ever-higher demands on Earth's resources and is wiping out the wilderness and the ecological balance of the planet, something on which we all depend. A steadily rising use of fossil fuels for energy is choking Earth's atmosphere with gases that are slowly poisoning it. In addition, it allows the atmosphere to conserve heat more efficiently, so that the planet is experiencing a greenhouse effect that may have catastrophic impact. A steadily increasing production of chemical substances that are highly toxic is poisoning the soil and water of the Earth, is destroying the ozone layer and is converting much of the planetary surface into a garbage heap. Since there can be nothing on Earth, simply nothing, that is more important than saving the planet, our priorities must be to reverse these destructive tendencies. We must find alternative sources of energy, long-lasting and non-polluting. We must continue the search for nuclear fusion, in the hope that it will be a far richer and safer source than nuclear fission. We must develop wind-power, wave-power and, most of all, the direct use of solar power. All these things are highly practical, but cost more money than oil and coal, so that the challenge is to make them cheaper. We must find ways of detoxifying toxic products produced by industrial plants. We must find substitutes for packaging, substitutes that are recyclable. We must find substitutes for chemicals that destroy the ozone layer. We must find methods of saving our forests, of saving threatened species, of maintaining a healthy ecological balance on Earth. If there is any spare effort left over from these absolute necessities of scientific advance, we can put them into other projects – otherwise not. I regret this, for I am emotionally on the side of the big projects, all of them, but necessity is a hard task-master, and necessity is now in the saddle and holds the whip.

Isaac Asimov (abridged and adapted)



Multiple Choice Questions (MCQs):

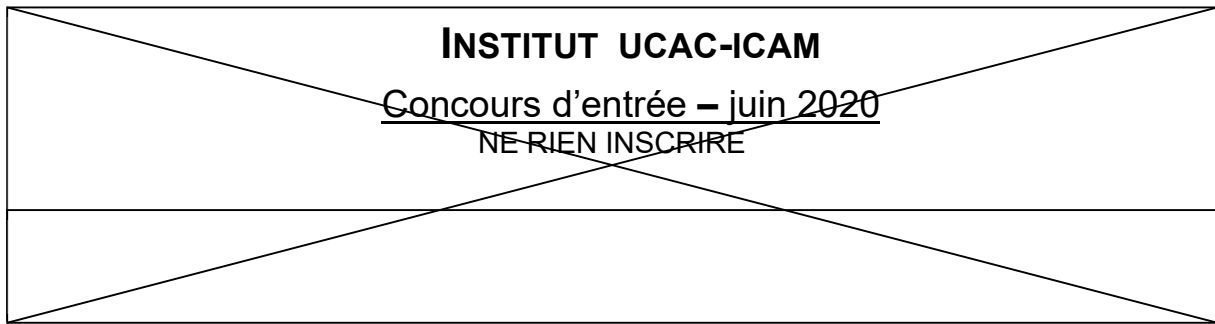
- 1. What is the general purpose of the text?**
 - a. Its purpose is to warn us about the state/destruction of our planet and to tell us that we must take action to change it.
 - b. Its purpose is to inform us about the safe state of our planet and to tell us that we must take action to change it.
 - c. Its purpose is to discourage us about the alternative forms of energy that are nuclear fusion, wind-power, wave-power and solar-power.
 - d. Its purpose is to inform us that alternative energy forms are environmentally damaging

- 2. “We are converting much of the planetary surface into a garbage heap.” Means that..**
 - a. We are turning our planet into a huge waste dump.
 - b. We are doing every thing possible to protect our planet.
 - c. We are turning our planet into a nice place to be.
 - d. We are endearvouring to save the planet.

- 3. When the author says: “we must find alternative sources of energy, long-lasting and non-polluting”, he means**
 - a. Alternative energy forms are environmentally damaging.
 - b. Alternative sources of energy are more polluting.
 - c. Alternative sources of energy cannot last for long.
 - d. Alternative energy forms are not environmentally damaging.

- 4. What is the impact of over-population on the environment?**
 - a. A growing population is enhancing our resources and protecting the ecological balance of our planet.
 - b. A growing population is boosting our resources and leading to the ecological balance of our planet.
 - c. A growing population is exhausting our resources and destroying the ecological balance of our planet.
 - d. A growing population is overwhelming our resources and swelling the ecological balance of our planet.

- 5. According to the author, what should scientific advance be used for?**
 - a. Scientific advance should be used to find ways of saving and neglecting the environment.
 - b. Scientific advance should be used to find ways of protecting and preserving the environment.
 - c. Scientific advance should be used to find ways of jeopardizing and conserving the environment.
 - d. Scientific advance should be used to find ways of keeping and destroying the environment.



SECTION B: GRAMMAR **5 marks**

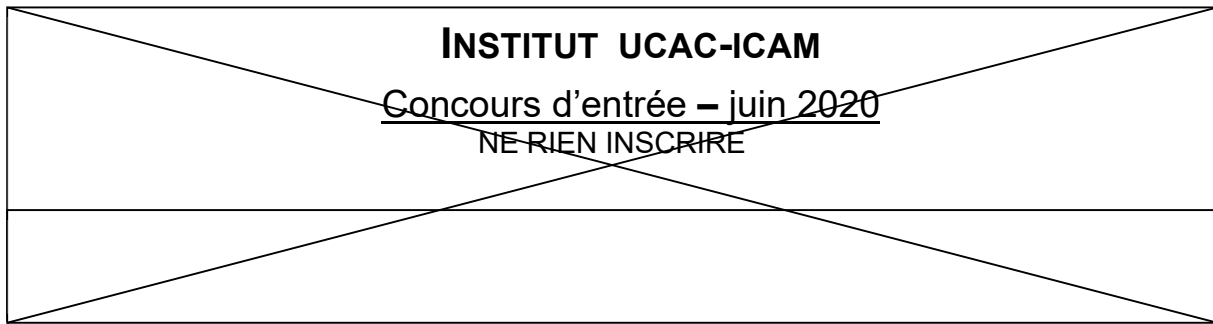
Select the letter that corresponds to the most suitable answer and fill in the answer sheet.

1. Scientists claim that many species _____ if we keep destroying their natural habitats.
 - a- Would not survive
 - b- are not surviving
 - c- will not survive
 - d- would not have survived
2. In Cameroon, poachers scarcely kill rhinos for their meat, _____
 - a- Aren't they?
 - b- Do they?
 - b- Don't they?
 - c- Didn't they?
3. _____ the population remains a major issue during this COVID -19 Pandemic.
 - a- food
 - b- feeding
 - c- feed
 - d- to feed
4. _____ there are fines for companies that ignore environmental regulations, some choose to overlook them in our country.
 - a- Furthermore
 - b- Despite
 - c- Even though
 - d- However
5. Megacities like Douala and Yaoundé face serious problems, _____ water and air pollution.
 - a- since
 - b- because
 - c- as a consequence
 - d- namely

SECTION C: VOCABULARY AND USAGE **5 marks**

Select the letter that corresponds to the most suitable answer and fill in the answer sheet.

1. The General Manager of this company has been on three international flights this year, so he's worried about his _____
 - a- acid rain
 - b- carbon footprint
 - c- heat wave
 - d- organic farming



2. The problem of global _____ is man-made.
 - a- Heat
 - b- hot
 - c- warming
 - d- warm
3. Over the past month many officers have been stopping vehicles in Douala to test ____
 - a- exhaust fumes
 - b- solar power
 - c- heat wave
 - d- driving license
4. Steve, give that old man a hand, will you? _____
 - a. some help
 - b. a greeting
 - c. some money
 - d. a hit
5. An overdraft is a short term _____ accorded to salaried workers by a bank where the worker's accounts are located.
 - a- fines
 - b- Loan
 - c- salary
 - d- lend

SECTION D: FRENCH & ENGLISH TRANSLATION

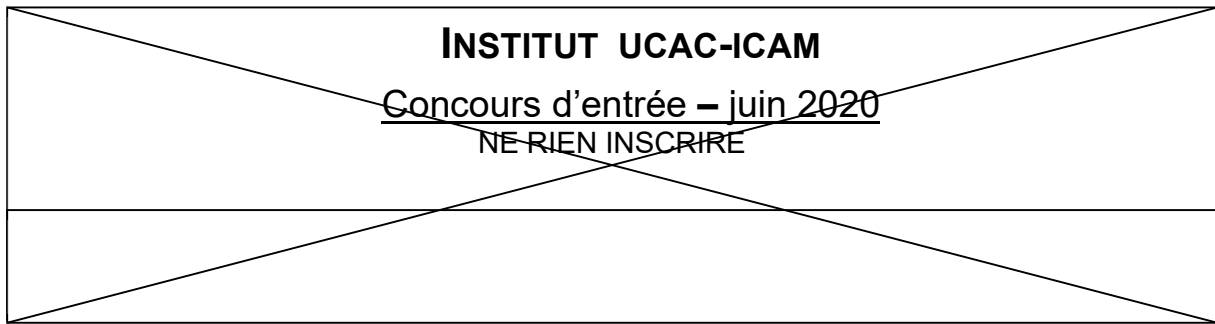
5 marks

Select the letter that corresponds to the most suitable answer and fill in the answer sheet.

D-1 French-English translation

2 marks

1. Actuellement, les informaticiens ont les meilleurs appointements au monde.
 - a- Actually, Computer scientists have the best salaries in the world.
 - b- Currently, Computer wizard have the worst wages in the world.
 - c- Currently, Computer scientists have the best appointments in the world.
 - d- Currently, Computer scientists have the best wages in the world.
2. Mon beau –frère est le Directeur Général Adjoint de la CAMWATER.
 - a- My handsome brother is the Deputy General Manager of CAMWATER.
 - b- My brother-in-law is the Deputy General Manager of CAMWATER.
 - c- My brother-in-law is the Vice General Manager of CAMWATER.
 - d- My lawful brother is the deputy General Director of CAMWATER.



D-2 English-French translation

3 marks

3. We should know that our main goal is to fight for a sustainable development.
 - a- Nous saurons que notre objectif principal est de lutter contre un développement durable.
 - b- Nous devons savoir que notre objectif principal est de lutter pour un développement durable.
 - c- Nous devons savoir que notre objectif principal est de nous battre pour un développement soutenable.
 - d- Nous devons savoir que notre minable but est de nous battre pour un développement infaillible.
4. Our country is equipped with up to date facilities to host the 2021 AFCON.
 - a- Notre pays est équipé de facilités modernes pour abriter la CAN 2021.
 - b- Notre pays est équipé d'infrastructures modernes pour hotter la CAN 2021.
 - c- Notre pays est équipé d'infrastructures modernes pour abriter la CAN 2021.
 - d- Notre pays est dépourvu d'infrastructures à la mode pour abriter la CAN 2021.
5. Razel has been working on the Douala –Yaoundé high way for more than four years now.
 - a- Razel a travaillé sur l'Autoroute Douala-Yaoundé depuis plus de quatre ans maintenant.
 - b- Razel serait en train de travailler sur l'Axe lourd Douala-Yaoundé depuis plus de quatre ans maintenant.
 - c- Razel à travaillé sur l'Autoroute Douala-Yaoundé pendant plus de quatre ans.
 - d- Razel travaille sur l'Autoroute Douala-Yaoundé depuis plus de quatre ans maintenant.