

RÉPUBLIQUE TUNISIENNE MINISTÈRE DE L'ÉDUCATION	EXAMEN DU BACCALAURÉAT	Session de contrôle 2023
	Épreuve : <b>Anglais</b>	Section : <b>Sciences Techniques</b>
	Durée : <b>2h</b>	Coefficient de l'épreuve : <b>1</b>

N° d'inscription



Le sujet comporte 4 pages

NOTE: \_\_\_\_\_  
**20**

NOTE: \_\_\_\_\_  
**30**

## I. READING COMPREHENSION

### A. THE TEXT

1. Lino Marrero was leaving cello practice one day when he noticed several blisters on his fingers. The pain was so bad that the ten-year old inventor wanted to quit playing **the instrument**. So, he started doing some research online to find a solution. A few months later, the "String Ring" was born. It's an adjustable band that protects a musician's blistered fingers so that they can keep practicing. A year later, he created an eco-friendly shoe with replaceable soles after learning how environmentally harmful it can be to own multiple pairs of footwear. "Shoe waste contributes a lot to landfills," he says.
2. For Marrero, being an inventor is about social change and helping the world by creating solutions to everyday challenges. Kinetic Kickz, his latest invention, came after he finished soccer practice and tried to call his mom to let her know he was ready to be picked up. But his phone was dead, and he didn't have a charger. Kinetic Kickz is a shoe insert that collects kinetic energy and converts **it** into battery power to charge a cell phone.
3. Marrero's dream is that in the future, the world will use Kinetic Kickz or its technology to create clean energy and limit the effects of climate change. Although solar and wind power are gaining more popularity, he prefers kinetic energy. "You can't always depend on the wind to blow or the sun to shine," Marrero says. A high school freshman now, Marrero wants to inspire other children and teenagers to be inventors, too. Younger people, he adds, often have different perspectives that can be useful in creating ideas, but need encouragement.

www.time.com

By Nik Poply  
January 19, 2022  
(adapted)



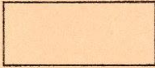


Section : ..... N° d'inscription : ..... Série : .....

Signatures des surveillants  
.....  
.....

Nom et Prénom : .....

Date et lieu de naissance : .....



ANGLAIS (Section: Sciences Techniques \_Session de contrôle 2023)

### B. COMPREHENSION QUESTIONS (12 marks)

#### 1. Tick (✓) the right option. (1mark)

The text is mainly about a boy whose objective is to

- a. gain recognition and popularity
- b. give support to the wounded
- c. overcome day-to-day hardships

#### 2. Complete the table below with reference to paragraphs 1 and 2. (3 marks)

Invention	Motive(s)	Benefit(s)
String Ring	blisters on his finger	.....
Shoe with replaceable soles	.....	protect the environment
.....	phone was dead and didn't have a charger	collects kinetic energy and converts it into battery power

#### 3. For each of the following statements, pick out ONE detail from the text showing that it is false. (3 marks)

a. The String Ring was created after Marrero had attended technology courses. (paragraph 1)

.....

b. Marrero is not keen on physical activities. (paragraph 2)

.....

c. Marrero has never thought of being a role model for youngsters. (paragraph 3)

.....

#### 4. Find words in the text meaning nearly the same as: (2 marks)

a. something that is made to go inside or into something else (paragraph 2) = .....

b. views (paragraph 3) = .....

#### 5. What do the underlined words refer to in the text? (2 marks)

a. the instrument (paragraph 1).....

b. it (paragraph 2).....

#### 6. Do you share Marrero's viewpoint that "being an inventor is about social change?" Why? Why not? (1 mark)

I ..... because.....  
.....

...../12



Ne rien écrire ici

**II. Writing (12 marks)**

1. Use the notes in the table below to write a four-line biography of Annie Ernaux. (4 marks)

Country of origin	France
Date / Place of birth	1 September 1940 / Lillibonne, Seine Maritime
Education / Degree	Rouen University / higher degree / French modern literature
Awards	- Renaudot Prize 1984 / book "A Man's Place" - Warwick Prize for women in translation 2019 - Nobel Prize in literature

.....

.....

.....

.....

2. Brain drain has long been considered as damaging to the growth of developing countries. Are you for or against this opinion?

Write a twelve-line Facebook post to express your viewpoint about the issue, supporting it with at least 3 sound arguments. (8 marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



Ne rien écrire ici

### III. LANGUAGE (6 marks)

#### 1. Fill in the blanks with 6 words from the box below. (3 marks)

through / achieve / fewer / released / toxic / emissions / catastrophic / more

Net zero means not adding to the amount of greenhouse gases in the atmosphere. Achieving it means reducing .....as much as possible. Greenhouse gases like carbon dioxide (CO<sub>2</sub>) are .....when we burn oil, gas and coal for our homes, factories and transport. Methane is produced .....farming and landfill. These gases cause global warming by trapping the sun's energy. Meanwhile, rapid deforestation across the world means there are .....trees and plants to absorb CO<sub>2</sub>. Under the 2015 Paris Agreement, 197 countries agreed to try to keep temperature rises "well below" 1.5°C to avoid the ..... impacts of climate change. Experts say that to .....this, net zero must be reached by 2050.

#### 2. Put the bracketed words in the correct tense or form. (3 marks)

While some believe that the unplanned and rapid move to online learning will result in a poor user experience, others think that a new hybrid model of education will emerge, with significant benefits. It is believed that the integration of information technology in education will be **(far)** .....accelerated and that online education will eventually become an integral component of school education. There **(be / already)** .....successful transitions amongst many universities. For example, the Imperial College London **(start)** .....offering a course on the science of coronavirus, which is now the most **(enrol)** .....class launched in 2020 on Coursera. Dr Amjad, a Professor at The University of Jordan who has used Lark to teach his students says, "It has changed the way of teaching. It **(enable)** .....me to reach out to my students more **(efficient)** ..... through chat groups, video meetings and also document sharing, especially during this pandemic. My students also find it easier to communicate on Lark."

...../6