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|--------|--|---|--|---|
| الصفحة | <p style="text-align: center;">         الامتحان الوطني الموحد للبكالوريا<br/>         الدورة الاستدراكية 2019<br/>         - الموضوع -       </p> |   | +XHAZ+ I HEPYOE<br>+EeUeO+ I EOXEe eEeO<br>A EOE3+X eJHJd<br>A EOEHEA eXHe A EOHJH eEeOe |  <p>         المملكة المغربية<br/>         وزارة التربية الوطنية<br/>         والتكوين المهني<br/>         والتعليم العالي والبحث العلمي       </p> |
| 1      |  |   | RS 10  | * * * * *   |
| 5      |  |   |  |   |
|        |  |   |  |   |
| 3      | مدة الانجاز  | اللغة الانجليزية                            | المادة   |   |
| 4      | المعامل  | شعبة الآداب والعلوم الإنسانية : مسلك الآداب | الشعبة أو المسلك   |   |

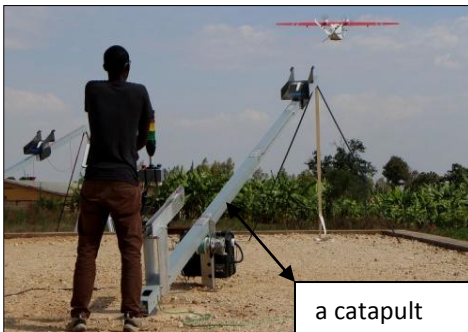
[1] For several days, 2-year-old Ghislane had been suffering from fever. A nurse at the village healthcare centre in Rwanda told her mother that Ghislane had malaria. There was nothing the doctors could do, so they called an ambulance. But by the time Ghislane reached the main hospital, she stopped moving. Ghislane's mother said: "We arrived too late." She thought there was no hope for her daughter. The doctors said she needed a blood transfusion as the last resort.



[2] Immediately, a hospital employee typed a message on his smart phone. It was a request for two bags of blood. Normally, he would have sent a car and driver to get the blood from a blood bank. This would take 3 hours. But this time, he tried something new. His phone received a confirmation message: The blood was on its way. It would be delivered in a few minutes.


[3] In six minutes, the sound of a drone could be heard above the hospital. As **it** passed over the laboratory, the drone dropped a red box attached to a parachute. Inside the box were two bags of blood, still cold from refrigeration. A nurse rushed the blood to the emergency room. Within minutes, it was pumped into Ghislane's body, and the child opened her eyes.

[4] In parts of rural Africa, many people die from simple diseases due to shortage of essential medicines. This problem was the inspiration for Zipline, a U.S. company. In March 2016, Zipline in collaboration with the government of Rwanda launched the world's first drone delivery service. Zipline drones carry vital medical supplies to hospitals by air. The company has delivered more than 7,000 units of blood products to 21 hospitals in **the country**.



[5] These electric drones are called Zips. They look like small airplanes. They can fly 160 km on one charge. The drones can carry 2 kilos of blood products and reach more than half of Rwanda. To launch a Zip, a technician puts it onto a catapult and enters its destination on a tablet. The whole process takes about a minute. The Zip flies using GPS. Once it gets near the hospital, it sends a text message announcing the exact arrival time. Then it slows down, drops its package, and goes back to its home base.

[6] "Before, it took at least three hours to get blood in an emergency," says Dr. Nyonzima, a surgeon at a local hospital. "Three hours can make the difference between saving and losing a life. Now we get blood in 15 minutes."

|                       |  |                       |  |  |
|-----------------------|--|-----------------------|--|--|
| خاص بكتابة الامتحان   | الامتحان الوطني الموحد للبكالوريا<br>الدورة الاستدراكية 2019 |                       |  المملكة المغربية<br>وزارة التربية الوطنية<br>والتكوين المهني<br>والتعليم العالي والبحث العلمي |  |
| رقم الامتحان          | RS 10  | الموضوع -             |  |  |
| الاسم الشخصي والعائلي |  | تاريخ و مكان الازدياد |  |  |
| 4                     | المعامل  | 3                     | مدة الإنجاز  | اللغة الإنجليزية<br>شعبة الآداب والعلوم الإنسانية: مسلك الآداب |
|                       |  |                       |  | المادة<br>الشعبة والمسلك                                       |

|                     |   |   |
|---------------------|---|---|
| خاص بكتابة الامتحان | النقطة النهائية على 20: بالأرقام والحروف<br>(على المصحح التأكد من أن النقطة النهائية هي على 20) | اللغة الإنجليزية<br>شعبة الآداب والعلوم الإنسانية:<br>مسلك الآداب |
| 5                   | الصفحة: 2 على 5   | ورقة الإجابة<br>RS 10   |

## I. COMPREHENSION (15 POINTS)

BASE ALL YOUR ANSWERS ON THE TEXT.

### A. CHOOSE THE RIGHT ANSWER. (2 pts)

The text is about using drones in

- military services in Rwanda.
- commercial services in Rwanda.
- medical services in Rwanda.

The right answer is .....

### B. ARE THESE SENTENCES TRUE OR FALSE? JUSTIFY. (3 pts)

- The doctors at the village healthcare centre were able to treat Ghislane.  
.....
- Before using drones, it would take 15 minutes to send blood to hospitals.  
.....
- It takes a short time to launch a Zip drone.  
.....

### C. TICK (✓) THE QUESTIONS THAT THE TEXT ANSWERS AND PUT A CROSS (X) NEXT TO THE ONES THAT THE TEXT DOES NOT ANSWER. (2 pts)

|  |   |
|--|---|
| Example 1: Who took Ghislane to the village healthcare centre?       | ✓ |
| Example 2: What are the problems with using the Zip drone in Rwanda? | X |
| 1. How old was Ghislane?   |   |
| 2. How much does the Zip drone cost?                                 |   |
| 3. When was the Zip drone project launched in Rwanda?                |   |
| 4. How do hospitals know the arrival time of the drone?              |   |

### D. COMPLETE THE FOLLOWING SENTENCES. (2 pts)

- The hospital employee used his smart phone to .....
- To launch the drone, the operator needs a ..... and a .....

# لا يكتب أي شيء في هذا الإطار



5 على 3

الصفحة :

RS 10

الامتحان الوطني الموحد للبكالوريا - الدورة الاستدراكية 2019 - الموضوع  
مادة: اللغة الإنجليزية - شعبة الآداب والعلوم الإنسانية : مسلك الآداب

## E. PICK OUT FROM THE TEXT SENTENCES OR EXPRESSIONS WHICH SHOW THAT (2 pts)

1. Ghislane's mother was not optimistic about her daughter's situation.

2. Ghislane felt better after the blood transfusion.

## F. FIND IN THE TEXT WORDS THAT MEAN ALMOST THE SAME AS: (2 pts)

1. solution (paragraph 1): .....

2. took quickly (paragraph 3): .....

## G. WHAT DO THE UNDERLINED WORDS IN THE TEXT REFER TO? (2 pts)

1. it (paragraph 3): .....

2. the country (paragraph 4): .....

## II. LANGUAGE (15 POINTS)

### A. FILL IN THE GAPS WITH THE APPROPRIATE WORDS FROM THE LISTS. (4 pts)

1. You ..... drive me to work today. I can take the bus.

**should - needn't - mustn't**

2. Can I use your mobile? I want to ..... a call.

**have - do - make**

3. We need gas for our car. We should ..... the nearest gas station.

**look up - look for - look after**

4. Robert De Niro, ..... films are famous all over the world, was honored at Marrakech film festival in 2018.

**whom - who - whose**

### B. GIVE THE CORRECT FORM OF THE WORDS IN BRACKETS. (2 pts)

In December 2018, Marrakech hosted a conference on migration. The conference was (success) ..... as the participants agreed to (protection) ..... the basic human rights of migrants.

### C. PUT THE VERBS IN BRACKETS IN THE CORRECT FORM. (2 pts)

1. My sister and her husband (live) ..... in France for ten years before they ..... (come) back to Morocco in 2016.

2. If he had used Google Translate, he (translate) ..... the article easily.

3. I think that by 2030, water (disappear) ..... from this lake.

# لا يكتب أي شيء في هذا الإطار



5 على 4

الصفحة :

RS 10

الامتحان الوطني الموحد للبكالوريا - الدورة الاستدراكية 2019 - الموضوع  
مادة: اللغة الإنجليزية - شعبة الآداب والعلوم الإنسانية : مسلك الآداب

## D. CORRECT THE ERRORS IN THESE SENTENCES. THERE IS ONE ERROR IN EACH SENTENCE. (3 pts)

1. Most expensive watches are making in Switzerland.

.....

2. Karim's parents don't allow him staying up late after 10 o'clock.

.....

3. The teacher asked me when would I finish the project.

.....

## E. MATCH EACH EXPRESSION TO ITS APPROPRIATE FUNCTION. (2 pts)

| Expressions   | Functions                           |
|---|-------------------------------------|
| 1. "I don't share your idea on imposing more taxes on farmers."     | a. Expressing lack of understanding |
| 2. "My electricity bill is so high all the time. What should I do?" | b. Making a complaint               |
| 3. "I'm not sure I got your point here"                             | c. Expressing disagreement          |
| 4. "I'm really sorry about the damage I caused to your car."        | d. Apologizing                      |
|   | e. Asking for advice                |

1..... 2..... 3..... 4.....

## F. WRITE AN APPROPRIATE RESPONSE TO EACH SITUATION. (2 pts)

1. Teacher: "This text is about global warming and climate change."

You: .....

2. Your friend: "I'm really worried about my mother. She is very sick."

You: .....

## III. WRITING (10 POINTS)

### DO TASKS 1 AND 2

#### TASK 1: Complete the following paragraph about your favourite film. (4 pts)

My favorite film is ..... It is about.....

.....  
.....  
.....  
.....  
.....

