



Prueba de Evaluación de Bachillerato para el Acceso a la Universidad Curso 2023-2024

Materia: Lengua extranjera (Inglés)

Tiempo máximo de la prueba: 1h 30 min

INSTRUCCIONES PARA REALIZAR EL EXAMEN

El examen consta de tres bloques de preguntas cuyo valor máximo es de 5, 3 y 2 puntos, respectivamente. Es obligatorio contestar las preguntas indicadas en cada bloque para llegar a la puntuación máxima del examen (10).

En ningún caso se corregirá un número de respuestas mayor de lo indicado para cada bloque. Para la corrección se seguirá el orden en el que las contestaciones aparezcan desarrolladas por el estudiante. Solo si el estudiante ha tachado alguna de ellas, se entenderá que esa respuesta no debe ser corregida y se procederá a corregir la siguiente de su mismo bloque.

PRIMER BLOQUE: COMPRENSIÓN LECTORA

Este bloque contiene dos textos ("Reading comprehension: Text 1" y "Reading comprehension: Text 2"), cada uno de ellos seguido por dos grupos de preguntas de comprensión lectora. El alumno deberá escoger **uno de los dos textos** y contestar las preguntas del texto elegido de la siguiente manera:

- Tres de las cuatro preguntas del primer ejercicio.

- Cuatro de las cinco preguntas del segundo ejercicio.

Reading comprehension: Text 1

Spain sees the world's first lung transplant performed entirely by robot.

A team of surgeons in Spain has successfully performed the world's first robotic lung transplant. Lung transplantations are known for being complex operations as the patient's chest has to be cut open. During the procedure, an incision around 30 cm is made and ribs are cut through to remove and replace a diseased lung with a healthy human lung from a donor. But the new technology used by the Spanish team no longer requires breaking the patient's ribs. Instead, the surgeons at Vall d'Hebron Hospital in Barcelona made smaller cuts to the side of the rib cage to accommodate the robot's arms and 3D cameras.

"This incision is made under the sternum, where the skin is very elastic. This allows us to open only the skin, and to insert this lung little by little," said Dr Albert Jauregui. The new lung was also "deflated" in the operating room so that it could enter through the small incision, which was just about 8 centimetres. According to Jauregui, the new procedure is less painful for the patient as the wound closes more easily.

Xavier, 65, became the world's first patient to undergo a fully robotic lung operation. He needed a transplant due to a condition called pulmonary fibrosis, which causes the inside of the lung to become thick. "From the moment I regained consciousness and woke up from general anaesthesia, I had zero pain," he said.

The four-armed robot used in the procedure is called Da Vinci, a commonly used robotic surgical system in hospitals across Europe and the USA for cardiac, urologic, gynecologic, pediatric, and general surgery. A similar surgery was performed at Mount Sinai Hospital in New York, but the robot was only partially used there. Spain is a world leader in organ transplants, according to figures from the Global Observatory on Donation and Transplantation, performing 5 per cent of organ donations worldwide in 2021.

(Euronews. April 2023. Adapted)

EXERCISE 1. Answer 3 of the following 4 questions, providing evidence from the text (maximum 1 point each, total 3 points):

- Does the text say that lung transplants are difficult to perform?
- According to the text, does the new technique hurt more than before?
- Is the following statement true or false?
The robot can only be used for lung transplants.
- According to the text, are the majority of organ donors in the world from Spain?

EXERCISE 2. Find in the text words to solve 4 of the following 5 questions. Use just one word in each case (maximum 0,5 points per word, total 2 points):

- Find a word for this definition: *An internal organ that allows you to breathe.*
- Find a word for this definition: *A person that gives away something (i.e., blood, money) to help others.*
- This T-shirt is very _____, so you can put it on even if it looks small.
- Find an antonym for *thin* or *smooth*.
- Find a word for this definition: (adj.) *related to operations and other invasive medical procedures.*

Reading comprehension: Text 2

AI chatbots are sparking romance

A few months ago, Derek Carrier started seeing someone. He experienced romantic feelings, but he also knew it was an illusion. That's because his girlfriend was generated by artificial intelligence. Carrier didn't want to develop a relationship with something that wasn't real, but he did want a romantic partner, in part because he was born with Marfan syndrome, which makes traditional dating tough for him. The 39-year-old from Michigan became more curious about digital companions last year and tested an AI app that had recently come onto the market. Advertising said that it made users feel "understood and loved."

Similar to general AI chatbots, companion bots mimic human language. But they also come with features — such as voice calls, picture exchanges and more emotional exchanges — that allow them to form deeper connections with the humans on the other side of the screen. Users typically create their own avatar or choose one that appeals to them.

But researchers are concerned about data privacy, among other issues. An analysis of 11 romantic chatbot apps revealed that every app sells user data or doesn't provide adequate information about it in their privacy policy. Meanwhile, other experts have expressed concerns about what they see as a lack of legal or ethical principles. These apps facilitate deep bonds but are being driven by companies looking to make profits.

Last year, AI company Replika launched "Blush," a "dating stimulator" essentially designed to help people practice dating. Some people worry that AI relationships could give users unrealistic expectations because chatbots tend to be agreeable all the time. One recent study from researchers at Stanford University surveyed approximately 1,000 Replika users — all students — who had been on the app for over a month. It found that the vast majority of them experienced loneliness, while almost half of them felt it more acutely.

(CBC News. February 2024. Adapted)

EXERCISE 1. Answer 3 of the following 4 questions, providing evidence from the text (maximum 1 point each, total 3 points):

- a. Is the following sentence true or false?
Derek Carrier is in his mid-forties.
- b. Does the text say that companion bots can imitate the way people speak?
- c. According to the text, are app developers motivated by economic factors?
- d. Does the text say that Replika users feel emotionally better after using the app?

EXERCISE 2. Find in the text words to solve 4 of the following 5 questions. Use just one word in each case (maximum 0,5 points per word, total 2 points):

- a. Find a synonym for *disease, disorder*.
- b. Find a word for this definition: *marketing tactics used to publicise products*.
- c. Find a synonym for *imitate, copy*.
- d. Sales have gone down sharply this year, so _____ will also be lower.
- e. Find an antonym for *unpleasant, unfriendly*.

SEGUNDO BLOQUE: REDACCIÓN

El segundo bloque consiste en una pregunta de redacción con tres opciones, de las cuales el alumno deberá escoger y realizar tan solo una. La redacción tendrá que contener cien palabras como mínimo. La puntuación máxima es de tres puntos.

- a. Write a story that ends with the following words: "At that moment, Julia realized that she was talking to an app, not a person." **Remember that the 15 words in this sentence cannot be counted in the 100 words you must write.**
- b. Would you like to be an organ donor? Why or why not?
- c. Do you think AI chatbot apps can help some people? How?

TERCER BLOQUE: TRANSFORMACIÓN GRAMATICAL

El tercer bloque contiene seis ejercicios de transformación gramatical, de los cuales el alumno deberá escoger y contestar exclusivamente cuatro. Cada ejercicio contestado vale medio punto como máximo. La puntuación máxima del bloque en su conjunto es de dos puntos.

- a. Rewrite the following sentence in reported speech, beginning "Researchers complained..."
The companies aren't showing any ethical principles in this process.
- b. Rewrite the following sentence in the negative-interrogative form of the future perfect. **Do not omit any part of it.**
The patient wakes up from anaesthesia after five hours.
- c. Complete the second sentence so that it means the same as the first one. **You must not change the initial word in any way or omit any element from the original sentence:**
Users will only choose an avatar if they really like it.
Unless
- d. Rewrite the following sentence as a second-type (hypothetical) conditional:
If they had made a larger incision, the patient would have felt sharp pain.
- e. Rewrite the following two sentences into a main clause and a defining relative clause.
The name of the company is Replika. Replika launched a popular companion app.
- f. Rewrite the following sentence in the passive voice. **Do not omit any part of it.**
Surgeons made smaller cuts to the side of the rib cage.



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