

PROPUESTA A

‘DRONE SHIPS’ WILL BE SAILING THE SEAS BY 2020

Remote-controlled “drone ships” will be sailing the seas without crews on board by the end of the decade, according to Rolls-Royce. The company is working to develop the technology needed for ships controlled from land bases, making them cheaper to run.

“This is happening. It’s not a question of if, it’s a question of when,” said Oskar Levander, head of innovation for Rolls’s marine unit. “We will see a remote controlled ship in commercial use by the end of the decade.” Mr. Levander said the individual technologies for drone ships now exist, but it is a matter of bringing them together, overcoming legal obstacles and testing the remote control vessels.

Sensors such as radar, lasers and computer programs will allow the ships to pilot themselves, with shore-based captains taking over if there is a problem or for complex procedures, although the sailors will be on board at first to oversee pilot projects. The company will start using a 220 feet ship sailing between Finnish islands to examine how they function in a real environment.

In the long term, drone ships are expected to help overcome the staffing shortages in the marine sector, with people increasingly reluctant to take on careers that mean months away from home. Instead, “virtual” captains and crews will be able to monitor the vessels from land, meaning normal home lives.

Adapted from <<http://www.telegraph.co.uk/business>>

QUESTIONS

I. READING COMPREHENSION. (2 POINTS) (0.5 points for each correct answer)

Add TRUE or FALSE and **copy the evidence** from the text to support your answer. **NO marks are given for only true or false. NO marks are given for “V”.**

Valoración de la respuesta:

TRUE or FALSE incorrectos = 0 puntos

Frase completa o sintagma donde se encuentra la justificación correctas = 1 punto

Los errores ortográficos al copiar no se penalizan

1. Drone ships will have replaced crewed ships completely by the year 2020.

FALSE - “We will see **a remote controlled ship** in commercial use by the end of the decade.” (también se podría aceptar: “**although the sailors will be on board at first to oversee pilot projects**”)

2. Drone ships may never become a fact because of technological issues.

FALSE - *Mr. Levander said the individual technologies for drone ships now exist, but it is a matter of bringing them together.*

3. Future drone ships will have no need of any human intervention.

FALSE - *“with shore-based captains taking over if there is a problem or for complex procedures” || “virtual” captains and crews will be able to monitor the vessels from land”*

4. Not many people want to take jobs as sailors nowadays.

TRUE - *with people increasingly reluctant to take on careers that mean months away from home.*

(también se podría aceptar: “drone ships are expected to help overcome the staffing shortages in the marine sector”)

II. LEXICON / PHONETICS (2 POINTS):

A. LEXICON. (1 POINT) (0.25 points for each correct answer)

Find words or phrases in the text that mean the same as these given.

1. To create and make something more advanced - **to develop**
2. Difficult, elaborate - **complex**
3. Check that something is done properly - **oversee**
4. Not willing to - **reluctant**

B. PHONETICS. (1 POINT) (0.25 points for each correct answer)

1. How is the “i” pronounced in “pilot”, / aɪ /, / i: / or / ɪ /? - **/aɪ/**
2. Is the final “-s” pronounced / s /, / z / or / ɪz / in “seas”? - **/z/**
3. Write a word from the text that includes the same sound as “universe” / ju: /.
unit, use, computer, using
(NOTA: individual /ɪndɪˈvɪdʒʊəl/ y virtual /ˈvɜ:tlʊəl/ **NO** son respuestas válidas)
4. Write a word from the text that includes the sound / eɪ / as in “take”.
sailing, decade, bases, making, innovation, radar, lasers, (shore-)based, taking, sailors, take, away, able

III. USE OF ENGLISH. (3 POINTS) (0.5 points for each correct answer)

Rewrite the following sentences starting with the words given:

1. I started climbing four years ago.
I have been climbing for four years. / I have been climbing since 2013
2. It is possible that they will be replaced by robots.
They may (can/could/might/are likely to) be replaced by robots.
3. I am impatient to watch the last Star Wars film.
I am looking forward to watching the last star wars film. (watch= 0,25)

4. The pupils have invited many teachers to the end-of-year party.

Many teachers *have been invited to the end-of-year party (by the pupils).*

El sujeto agente es opcional. No se penalizará si su uso ni su omisión

5. I am sorry I haven't got more friends.

I wish *I had more friends.*

6. Write the correct question for the underlined words.

Who do you need to see?

I need to see the bank manager.

IV. COMPOSITION. (3 POINTS)

Write a composition of at least 125 words on the following topic:

**"Do you think robots and drones will take over jobs in the future?
Advantages and disadvantages of this."**

PROPUESTA B

STEPHEN HAWKING COULD SOON BECOME AN ASTRONAUT

Since his diagnosis with a rare form of amyotrophic lateral sclerosis (ALS) in 1963 at the age of 21, Stephen Hawking, 75, has made revolutionary discoveries in his field, including that of Hawking radiation. At the time of his diagnosis, doctors gave him just two years to live. Now, fifty years later, Professor Hawking again defies the limitations of his illness by showing his desires to travel into space. The physicist has been offered a ride on Sir Richard Branson's Virgin Galactic space flights. In an interview with *Good Morning Britain*, Hawking revealed: "I thought no-one would take me, but Richard Branson has offered me a seat on Virgin Galactic, and I said yes immediately."

The announcement comes just weeks after the company SpaceX announced plans to send two space tourists to the Moon and back in 2018. Unlike these two anonymous individuals, who are said to have paid an unspecified but 'significant' amount for the journey, Hawking's ride is free of charge. In February last year, Hawking unveiled the name of the new Space Ship Two craft - the VSS Unity - at a launch ceremony at the Mojave Air and Space port. While he didn't attend the event, he announced the name in a four-minute recorded video, saying: "It will help bring new meaning to our place on Earth, and it will help us to recognise our place and our future in the cosmos — which is where I believe our ultimate destiny lies."

Adapted from <<http://www.wired.co.uk>>

QUESTIONS

I. READING COMPREHENSION. (2 POINTS) (0.5 points for each correct answer)

Add TRUE or FALSE and **copy the evidence** from the text to support your answer. **NO marks are given for only true or false. NO marks are given for "V".**

Valoración de la respuesta:

TRUE or FALSE incorrectos = 0 puntos

Frase completa o sintagma donde se encuentra la justificación correctas = 1 punto

Los errores ortográficos al copiar no se penalizan

1. Professor Hawking has been seriously ill for most of his life.

TRUE- Since his diagnosis with a rare form of amyotrophic lateral sclerosis (ALS) in 1963 at the age of 21, Stephen Hawking, 75,| "Now, fifty years later, Professor Hawking again defies the limitations of his illness".

2. The first space tourists will travel to the moon at no cost, as part of a commercial strategy.

FALSE– “*Unlike these two anonymous individuals, who are said to have paid an unspecified but 'significant' amount for the journey, Hawking's ride is free of charge*”

3. In February, Stephen Hawking in person publically announced the name of Spaceship VSS Unity.

FALSE– “*While he didn't attend the event, he announced the name in a four-minute recorded video*”.

4. Professor Hawking considers it very probable that humans will have to move to another planet in the future.

TRUE - “*our future in the cosmos - which is where I believe our ultimate destiny lies.*”

II. LEXICON / PHONETICS (2 POINTS):

A. LEXICON. (1 POINT) (0.25 points for each correct answer)

Find words or phrases in the text that mean the same as these given.

1. Identification of a medical condition in a patient - **diagnosis**
2. Innovative, new - **revolutionary**
3. People visiting a place for pleasure - **tourists**
4. Be present - **attend**

B. PHONETICS. (1 POINT) (0.25 points for each correct answer)

1. Write one word from the text that includes the sound / ɔ: / as in “**form**”
morning, thought, port, four, recorded
2. Is the -ed ending in “**revealed**” pronounced / d /, / t / or / ɪd /? - **/ d /**
3. Write one word from the text that includes the consonant / dʒ / as in “**age**”
just, virgin, individuals, journey
4. Which of these words has the same vowel as “**rare**” / εə / - **pair**
a) fear b) pair c) are

III. USE OF ENGLISH. (3 POINTS) (0.5 points for each correct answer)

Rewrite the following sentences starting with the words given:

1. The card did not arrive in time because Sally forgot to post it
If Sally had not forgotten to post the card, it would have arrived in time.
If Sally had not forgotten to post it, the card would have arrived in time.
(No se penalizará la omisión de la coma, se penalizarán -0,25 si se equivocan en una de las formas verbales)
2. What a pity we missed the documentary last night.
We wish we had not missed the documentary last night.

3. 'An aeroplane crashed into the sea here two years ago', the reporter said.

The reporter *said (that) an aeroplane had crashed into the sea there two years before.*

(Se penalizará con -0,25 no haber sustituido here / ago. Si se olvidan de ambos, la puntuación será de 0)

4. It was such a good meal that we made it again the next night.

The meal was *so good that we made it again the next/the following night.*

5. Although my parents don't have much money, they are very generous.

Despite *not having much money, my parents are very generous.*

Despite *being very generous, my parents don't have much money.*

Despite *the fact that my parents (they) do not have much money, they (my parents) are very generous.*

6. A local artist is organizing the exhibition of paintings.

The exhibition *is being organized by a local artist.*

(Se penaliza con -0,25 la omisión del sujeto agente, ya que aquí es importante para completar el sentido de la frase)

IV. COMPOSITION. (3 POINTS)

Write a composition of at least 125 words on the following topic:

"Would you like to be a space tourist?"