

Instrucciones: a) Duración: 1 h.30m. b) No se permite el uso de diccionario. c) La puntuación de las preguntas está indicada en las mismas. d) Los alumnos deberán realizar completa una de las dos opciones A o B, sin poder mezclar las respuestas.

OPTION A: "Teenager designs platform to clean seas"

1 A Dutch teenager has invented a device that could clean up some 20 billion tonnes of plastic waste from the
2 world's oceans. Boyan Slat, a nineteen year old engineering student, was worried about the amount of plastic rubbish
3 that accumulates on the surface of some sea areas, so he came up with the idea of a series of floating barriers and
4 processing platforms designed to collect floating plastic rubbish, while allowing fish and plankton to pass through
5 undamaged. An additional advantage of the system is that the plastic waste collected by these barriers would be
6 stored so that it can be later recycled.

7 Millions of tonnes of plastic waste are littering oceans and tend to accumulate in specific areas due to sea
8 currents. This litter not only kills millions of aquatic animals annually but also introduces and spreads harmful algae
9 and invasive species. Besides, plastic waste also contains pollutants that can enter the human food chain through
10 fish. The existing methods for cleaning sea water are not very useful and they cost governments and organisations
11 millions of dollars every year.

12 Boyan Slat believes that humans must drastically reduce their use of plastic items in the near future, but
13 meanwhile his innovation could make a big difference to the cleanliness of oceans in the shorter-term. He thinks that,
14 once operational, his device could dramatically reduce the amount of rubbish in the oceans in just about five years'
15 time.

16 Boyan Slat has offered his design to environmental companies and agencies and has already received offers to
17 start producing experimental models of his platforms by the end of this year.

I * COMPREHENSION (4 points: questions 1-3, 1 point each; 4-5, 0.5 points each)

ANSWER QUESTIONS 1-3 ACCORDING TO THE INFORMATION GIVEN IN THE TEXT. USE YOUR OWN WORDS.

1. **What will Boyan Slat's design be useful for?**
2. **Why is plastic rubbish so dangerous?**
3. **Has anyone shown interest so far in Slat's design? Explain.**

ARE THESE STATEMENTS TRUE OR FALSE? JUSTIFY YOUR ANSWERS WITH THE PRECISE WORDS OR PHRASES FROM THE TEXT, OR USE YOUR OWN WORDS.

4. **Boyan Slat's system doesn't harm marine life.**
5. **Most governments already have effective systems for cleaning sea-water.**

II * USE OF ENGLISH (3 points; questions 6-9, 0.25 points each; 10-13, 0.5 points each)

6. FIND IN THE TEXT ONE OPPOSITE FOR **"sinking"** (adjective).
7. WHICH WORD DOES NOT HAVE THE SAME MEANING? **"litter / stink / waste / rubbish."**
8. FIND IN THE TEXT THE WORD WHICH HAS THE FOLLOWING DEFINITION: **"a good or useful quality that something has."**
9. GIVE A NOUN WITH THE SAME ROOT AS: **"efficient"** (adjective).
10. GIVE A QUESTION FOR THE UNDERLINED WORDS: **Boyan has invented a very special device.**
11. JOIN THE FOLLOWING SENTENCES USING A RELATIVE. MAKE CHANGES IF NECESSARY
The seas are polluted with plastic rubbish. Humans produce that plastic rubbish.
12. TURN THE FOLLOWING SENTENCE INTO REPORTED SPEECH: **Boyan Slat said: "I am going to earn a lot of money with this device".**
13. COMPLETE THE FOLLOWING (CONDITIONAL) SENTENCE. **"If humans produced less plastic rubbish,**
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III * PRODUCTION (3 points)

14. WRITE A COMPOSITION OF APPROXIMATELY 120 WORDS ABOUT THE TOPIC PROPOSED AND FOCUS STRICTLY ON IT:
How can we contribute to preserve the environment?