



UNIVERSIDAD DE OVIEDO
Vicerrectorado de Estudiantes
Área de Orientación y Acceso

PRUEBA ACCESO MAYORES 25 AÑOS
Convocatoria 2015

INGLÉS

CALIFICACIÓN	RECLAMACIÓN
Firma	Firma

ESPACIO
RESERVADO
PARA
LA
UNIVERSIDAD

PEGUE AQUÍ LA CABECERA ANTES DE ENTREGAR EL EXAMEN

Please, choose just one option, either Option A or Option B.

OPTION A

Read the text and translate from "Until now..." to "into earth's mantle". Then do the exercises. (7 marks)

In 2018, the first successful attempt is made to retrieve samples from Earth's mantle, the part of the planet that lies between the crust and the outer core. What was once considered science fiction has now become possible thanks to advances in drilling technology.

The operation takes place in the Pacific, where the crust is much thinner, but still requires burrowing through some five miles (eight kilometres) of solid rock. Temperatures range from 500-900°C (932-1,652°F) at the upper boundary with the crust, while pressures exceed 4 million pounds per square foot (21 million kilograms per sq m). Seawater is pumped down into the hole at sufficient pressure that samples can be forced back up to the surface.

Until now, little has been known about the mantle, since the only samples to arrive at the surface have come from volcanoes or ancient mountain belts. Now for the first time, scientists can analyse "pure" extracts directly from the mantle, untainted by time or geological processes. This data reveals much about Earth's origins and early history. In addition, it provides insight into how current mantle processes operate: highly important in understanding the plate tectonics that drive earthquakes, tsunamis and eruptions.

Microbial life is also discovered at previously unexplored depths within the lower crust. These new forms of extremophile bacteria are found to survive at extraordinarily high temperatures – increasing the probability of alien life elsewhere in the universe. (234 words, "Scientists drill **into Earth's mantle.**" <http://www.futuretimeline.net/21stcentury/2018.htm#mantle>)

1. Read the following statements and choose the right answer (a, b or c): (1 mark [0.25 each])

<p>1. According to the text, what is made in 2018 that was once considered science fiction?</p> <p>a) They have to endure extremely high temperatures.</p> <p>b) The first successful attempt to retrieve samples from Earth's mantle.</p> <p>c) The artificial creation of herbivorous dinosaurs.</p>	<p>2. How are those samples retrieved?</p> <p>a) Seawater is pumped down into the hole at sufficient pressure that samples can be forced back up to the surface.</p> <p>b) Carrying them along an old tunnel.</p> <p>c) Researchers have built a remote-controlled retriever.</p>
<p>3. Until now, little has been known about the mantle because:</p> <p>a) Scientists can analyse "pure" extracts directly from the mantle, untainted by time or geological processes.</p> <p>b) There were earthquakes, tsunamis and eruptions.</p> <p>c) The only samples to arrive at the surface have come from volcanoes or ancient mountain belts.</p>	<p>4. What does the fact that new forms of extremophile bacteria are found to survive at extraordinarily high temperatures mean?</p> <p>a) They are heat-enduring creatures.</p> <p>b) It increases the probability of alien life elsewhere in the universe</p> <p>c) That they are hot.</p>

2. Say whether the following statements are true [T] or false [F]: (1 mark [0.25 each])

1. The earth's mantle is the part of the planet that lies between the crust and the outer core.
2. The operation takes place in the Pacific, where the crust is much thicker.
3. The new data reveals much about Earth's origins and early history, and it provides insight into how current mantle processes operate.
4. No life was found at previously unexplored depths within the lower crust.

3. Find, in the text, the antonyms of these words: (1 mark [0.25 each])

1. thicker:
2. a lot:
3. unimportant:
4. lost:

OPTION B

Read the text and translate from “I have always liked...” to “and over the countryside”. Then do the exercises. (7 marks)

I have always liked to take a breath of the evening, to smell the air, whether it is sweetly scented and balmy with the flowers of midsummer, pungent with the bonfires and leaf-mould of autumn, or crackling cold from frost and snow. I like to look about me at the sky above my head, whether there are moon and stars or utter blackness, and into the darkness ahead of me; I like to listen for the cries of nocturnal creatures and the moaning rise and fall of the wind, or the pattering of rain in the orchard trees, I enjoy the rush of air towards me up the hill from the flat pastures of the river valley.

Tonight, I realised that there had been a change in the weather. All the previous week, we had had rain, chilling rain and a mist that lay low about the house **and over the countryside**.

My spirits have for many years now been excessively affected by the ways of the weather, and I confess that, had it not been for the air of cheerfulness and bustle that prevailed in the rest of the house, I should have been quite cast down in gloom and lethargy, unable to enjoy the flavour of life as I should like and irritated by my own susceptibility.

I took a step or two out from under the shadow of the house so that I could see around me in the moonlight.

(243 words, Susan Hill’s *The Woman in Black*)

1. Read the following statements and choose the right answer (a, b or c): (1 mark, 0.25 each)

<p>1. The narrator has always liked: d) to walk outside in the morning. e) to walk outside in the evening. f) to walk outside at night.</p>	<p>2. When he looks at the sky, he only likes it when he sees: a) the moon and stars. b) utter blackness. c) both.</p>
<p>3. What did he realise that night? a) That it was still raining. b) That there had been a change in the weather. c) That it was misty.</p>	<p>4. What sort of atmosphere prevailed in the rest of house? a) An air of cheerfulness and bustle. b) An air of gloom and lethargy. c) A dark air of irritation.</p>

2. Say whether the following statements are true [T] or false [F] (1 mark, 0.20 each):

1. The narrator had always liked to smell the air.
2. He was afraid of the darkness.
3. He hates the cries of nocturnal creatures.
4. The house was in the countryside.
5. He was irritated by his own susceptibility

3. Complete this exercise. (1 mark, 0.20 each):

- a) Find, in the text, five words that refer to weather conditions.