## **Reading tasks**

### 8 Reading

(topic areas: Environment / Sustainability / Globalisation / Society)

Read the article about the impact of the expanding palm oil industry on tropical biodiversity. Then complete the sentences (1–6) using a maximum of four words. Write your answers in the spaces provided. The first one (0) has been done for you.

(task type: Short answers ► Testformate, S. 8)

#### To save the rainforest, we need to work with the palm oil industry

- <sup>1</sup> Lots of academics worry that focussing too much on the real-world impact of research threatens pure, curiosity-driven science. But really the two go hand in hand, especially when
- 5 it comes to solving the complex question of how we achieve sustainability despite increasing human pressures on our planet.

As a tropical field ecologist studying rainforest destruction in Borneo, I saw the impact of

the expanding palm oil industry on tropical biodiversity first hand, and so it was always a high priority to ensure the research I was doing made a difference. I was driven by scientific curiosity about how nature responds to the
most drastic human activity, but also by the motivation to find solutions.

of ants and butterflies to the destruction of tropical forests, into practical knowledge which 25 will actually save rainforests.

I worked with the industry to develop a practical toolkit for stopping deforestation in tropical commodity industries, by showing how big rainforest reserves need to be to conserve 30 biodiversity in land dominated by plantations. The toolkit, spearheaded by *Greenpeace* and several key palm oil industry players, has so far been used to conserve half a million hectares of forest in multiple countries – not only in 35 the palm oil sector, but also in rubber, pulp and paper, and cocoa. Last month the major certification board for palm oil, the *Roundtable on Sustainable Palm Oil (RSPO)*, voted to use



A Natural Environment Research Council fellowship allowed me a rare opportunity to devote all my energy to using science to <sup>20</sup> teach palm oil companies how to look after biodiversity. In just under four years, I was able to translate the pure ecological research I had done for my PhD, studying the responses the toolkit to strengthen its 40 "no deforestation" policy. Hopefully this will lead to larger areas of forest being protected from an industry that has been responsible for 45 worrying levels of habitat destruction.

Work like this doesn't just have an immediate impact on the environment; it has 50 a multiplier effect on the wider research landscape.

The government's research excellence framework, the exercise that assigns universities funding, is coming up in 2021, and much discussion has 55 focused on whether it's fair that it places a lot of emphasis on research projects being able to demonstrate impact through case studies. My experience has confirmed their importance: 60 work on the toolkit has secured nearly £ 2m in new research funding. An understanding of the knowledge needs of the industry has resulted in repeat funding from the *RSPO* for our socially and environmentally sustainable
65 oil palm research programme aimed at testing the impact of certification. The work has also helped me forge new academic collaborations. My links with Indonesian academics resulted in a project with the *Universities of York* and
70 *Leeds* and the *Zoological Society of London* to investigate the impacts of peatland restoration in Sumatra. This would not have come about

These varied perspectives have also been a source 75 of new routes of scientific enquiry. For me, questions about how to develop conservation policy changed the debate from "How do species respond to habitat fragmentation?" to "How big is big enough to support biodiversity?".

without those critical local partner contacts.

80 So why aren't we seeing more of this in UK academia? Positions in universities focused

on building links between pure research and the industries, organisations and individuals that will use it tend to be short-term or administrative. To really make a difference, we need long-term networks led by academic staff 85 who are experts in working with industry.

There is no reason why science with a social or environmental impact should compete with the need for pure research. As with my own example, applied science is usually generated 90 from the building blocks of blue skies research. The presence of permanent knowledge exchange expertise in universities can help identify and translate unforeseen links between pure science and its applications, as well as generate funding 95 from unexpected sources. Equally, a wider pool of ideas will produce more exciting research directions than academia can provide alone. This will bring the vital new thinking required to help balance the need to provide for our 100 growing global population with the importance of protecting our planet for future generations.

0	The author wanted to make sure his / her research was useful working	ín Borneo
1	The author believes his / her academic work will	
2	The palm oil industry wanted to use the author's invention to improve	
3	To be financed, projects may be required in the future to prove	
4	Cooperation with other scientists led the author to study the effects of	
5	To create more practical research connections, universities need professionals who are experienced in	
6	More professional knowledge will generate money from	

# **Listening tasks**

### 3 Listening

(topic areas: Social issues/Society/Global issues)

#### (▶ Tracks 5+6 / duration: 01:19:17 + 04:23:27)

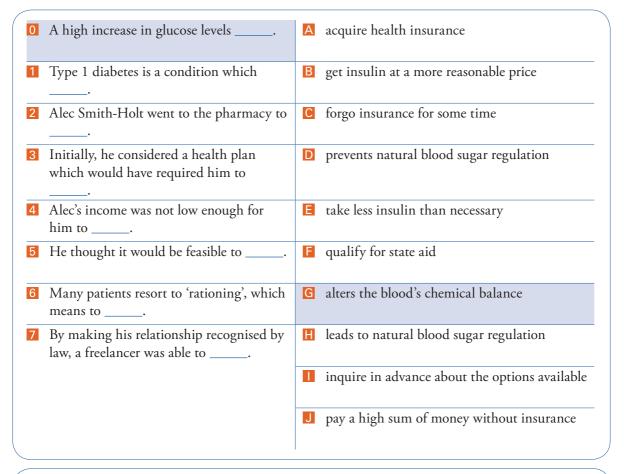
You are going to listen to a news report on the fatal consequences of high insulin costs.

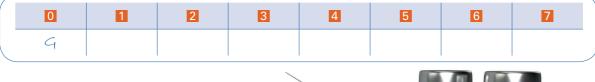
First you will have 45 seconds to study the task below, then you will hear the recording twice. While listening, match the sentence beginnings (1–7) with the sentence endings (A–J). There are two sentence endings that you should not use. Write your answers in the spaces provided. The first one (0) has been done for you.

After the second listening, you will have 45 seconds to check your answers.

(task type: Multiple matching > Testformate, S. 9f.)

#### Insulin's high cost leads to lethal rationing









#### Sample task

You came across the following blog entry written by a journalist.

#### Simple ways to live a healthy lifestyle

by Sarah Nikoletti January 23, 4:45 pm

- 1 The phrase "healthy lifestyle" is a definition of how we should live if we want to both look good and feel good. We are aware of the obvious behaviours that describe someone who is healthy
  5 and takes care of themselves. A healthy person doesn't smoke, tries to maintain a healthy weight, eats healthy foods with plenty of fruits, vegetables and fibre and, of course, exercises on a regular basis.
- 10 Then there are other elements to add to the list. A healthy person also knows how to manage stress, gets good quality sleep each night, doesn't sit too much basically, does everything in moderation all the time.



15 The good news is, we don't have to change everything at the same time. In fact, the trick to healthy living is making small changes – taking more steps each day, adding fruit to our cereal, having an extra glass of water, or saying NO to that fatty cheeseburger.

How about your healthy lifestyle? Looking forward to reading your comments.

You have decided to comment on this blog entry. In your blog comment you should

- comment on the above-mentioned thoughts on a healthy lifestyle
- **reflect on** your personal life style
- discuss whether healthier and fitter people are more successful in life.
- Write around 250 words.

#### Please note:

comment on W You have to express your opinion on something.
 reflect on You have to think carefully about different possibilities/opinions.
 discuss You have to write about a subject in detail.

# Writing reference

#### Sample blog comment

What a healthy lifestyle means to me

by Sam\_McNeil 28 January, 8:15 am

Thanks for a great blog entry on an important topic, Sarah!

snacks, and fewer packs of crisps or candy bars.

ourselves if we can't do it ALL the time.

I stopped taking the elevator in our apartment building, too, unless my

backpack is too heavy that day ;-). My school is also committed to helping

us lead a healthy lifestyle. They now offer more fruits and vegetables for

I don't agree with everything you mentioned though. While I try to live a healthy lifestyle most of the time, I don't think saying no to all the things

you love is necessary. Personally, I love a good cheeseburger, no matter

how fatty. If I want to have one sometimes, I order one as a treat. Modera-

tion is key, but you don't have to give up everything. Furthermore, when

it comes to things like managing stress or sleeping well, we all want to do those things, but sometimes it's easier than others. We shouldn't discourage

Thanks again for raising an awesome topic and getting people to talk about

it. I look forward to your next post - keep up the good work!

referring I completely agree with what you said about a healthy lifestyle being based to the blog entry/ on moderation. Also, I really liked your point about making small changes. blog post you My family and I have been trying to get more active, so I started getting have read off the bus two stops before my school and walking the rest of the way.

catchy title (NOT a MUST)

user name

and

publishing

date

agreeing/ disagreeing with the author's view(s)

concluding statement addressing your readers

clear structure (using para. graphs and appropriate línkíng devíces)