

### TASK 1. LISTENING GAP FILL

You are going to hear someone giving a speech on innovative food packaging. Based on what you hear, complete the gap in each sentence (1.1.–1.5.). You will hear the recording twice.

- 1.1 In the new edible film for covering food products, starch is going to \_\_\_\_\_ protein.
- 1.2 The invention would allow milk producers to reduce their stocks of \_\_\_\_\_, which is currently difficult to sell.
- 1.3 One of the advantages of the new coating is that it \_\_\_\_\_. This guarantees more effective preservation of food.
- 1.4 Researchers are trying to come up with a film which \_\_\_\_\_. Such a film would be good news for companies producing instant products.
- 1.5 Cereal producers would gladly welcome the spray version, which would allow them to keep their products crunchy without \_\_\_\_\_.

### TASK 2. MULTIPLE CHOICE

Read the text. For questions 2.1. – 2.5., choose the word or phrase which fits best in each gap. Circle the appropriate letter (A, B, C or D).

#### MOURNING THE VCR: A EULOGY FOR ANALOG ENTERTAINMENT

Let us remember the short life of our wonderful friend – the VCR (Videocassette Recorder). Have you ever met him? If you were born in the 2000s, the chances are you haven't. It's plausible that the concept eludes you entirely, (2.1.) \_\_\_\_\_ you will have been spared the "joys" of fast-forwarding and rewinding to somehow locate those elusive moving moments in your parents' wedding video. However, for those in the know, the term VHS (Video Home System) will immediately conjure up images of the black stackable tapes containing recorded films (with the worst possible resolution) or family events, not to mention all the dramas that (2.2.) \_\_\_\_\_ when your mum discovered that something had accidentally been taped over! And what about all those times when your cat or dog somehow managed to unspool 15 metres of magnetic tape and you had to use a pencil to fix it? Today, all this drama is over. At the turn of the century we entered the era of the VOD system and online streaming, and it has become the new norm to find a series and immediately binge-watch it, without the need for a visit to the shops or a rental store to search for it. Some say that the VCR is long gone, but in fact, its (2.3.) \_\_\_\_\_ happened relatively recently, that is in 2016, when production ceased due to the lack of demand as well as difficulties with

acquiring spare parts. In its heyday, in the 1980s and 1990s, almost every household had a VCR, but the advent of DVD players changed everything. What was once considered a progressive icon, suddenly became a tech dinosaur on the road to extinction. For myriad millennial kids, reminiscing about the days of VHS is quite bittersweet. It brings back both exciting memories of renting a film as well as the disappointment when you could no longer watch your home cassettes because they became too worn out. Now, (2.4.) \_\_\_\_\_ by DVDs and Blu-ray discs, VHS cassettes are obsolete. So, today, we bid the VCR a fond farewell, in awe of the fact that it has (2.5.) \_\_\_\_\_ in Variety Magazine. Indisputably, its legacy lives on in new viewing technologies, and nobody can erase the indelible imprint of VCRs on home entertainment and indeed our lives. You will be sorely missed, old friend. Rest in peace!

2.1. A. when B. at which point C. as a result of which D. in which case

2.2. A. ensued B. ensured C. ensconced D. ensnared

2.3. A. ditch B. demise C. decease D. diminution

2.4. A. being replaced B. to be replaced C. to have been replaced D. replaced

2.5. A. published its obituary B. to publish its obituary C. had its obituary published D. its obituary published

### Task 3. OPEN CLOZE

Read the texts and fill in each gap (1–5) with one word only. The texts must be logical and correct in both grammar and spelling. Write the missing word in the space provided.

Glacial lakes are known to originate from glaciers or glacial activity. They are usually formed when glacial meltwater accumulates in depressions created by glacial action and the outflow of glacial meltwater is controlled by natural dams, such as moraines, ice, or the bedrock itself. Nowadays, the world 1.\_\_\_\_\_ dotted by around 14,394 glacial lakes, encompassing an area 2.\_\_\_\_\_ approximately 9,000 square kilometers of the Earth's surface. These lakes serve 3.\_\_\_\_\_ an important freshwater resource for communities based around them. Worldwide, an increase in the number of glacial lakes has been noticed recently, and climate change is a major factor driving this. 4.\_\_\_\_\_ 1990 and 2018, the number of glacial lakes are 5.\_\_\_\_\_ to have increased by 53%, equalling an increase of 51% in the total area of glacial lakes. The primary concern with expanding glacial lakes is the risk of glacial lake outburst floods (GLOF).

Adapted from: <https://www.nationalgeographic.com>

#### TASK 4. KEY WORD TRANSFORMATIONS

For questions 4.1. – 4.9., complete each gap using the words given in brackets so that the sentence is logical and correct as far as spelling and grammar are concerned. You can change the form of the words given in brackets or add other words if necessary. Use up to six words including the words given in brackets. Do not change the order of the words given in brackets.

4.1. If (ancestor / care / much) \_\_\_\_\_ about the environment, we probably wouldn't be facing global warming now.

4.2. The researchers (arrive / conclusion) \_\_\_\_\_ that life on other planets seems to be plausible.

4.3. Despite (be / mediocre / student) \_\_\_\_\_ best, Ethan finally found his niche as a biotechnologist.

4.4. Seldom (you/see) \_\_\_\_\_ anyone turn a blind eye to such obvious mistakes.

4.5. I'm afraid the agreement (might / not / sign) \_\_\_\_\_ by all of the parties yesterday. There were quite a few objections to paragraph 3.

4.6. My biology teacher was the first (congratulate / I / win) \_\_\_\_\_ a prize in the science competition.

4.7. What's (use / give) \_\_\_\_\_ her advice if she ignores everything we say?

4.8. I had just started working for a new company when I caught the flu.

**CAME**

I \_\_\_\_\_ the flu just after I had started working for a new company.

4.9. We must hurry. Otherwise the performance will start before we manage to get to the theatre.

**HAVE**

If we don't hurry, the performance \_\_\_\_\_ the time we manage to get to the theatre.

#### TASK 5. LEXICAL SETS

For questions 5.1.–5.5., think of one word only which can be used to complete all three sentences. Write the missing word in the space provided. The words must be spelled correctly.

5.1. \_\_\_\_\_

- The patient's poor health continues to leave its ... on his mood.
- You've got a dirty ... on your tie. Don't try to remove it on your own.
- The river reached its high-water ... as a result of heavy rains in the south of the country.

5.2. \_\_\_\_\_

- When the dog's hair started to ... out in patches, I decided to consult the vet.
- Appeals for residents to volunteer in the charity event often ... on stony ground.
- As long as you manage to balance your budget, you'll never ... into debt.

5.3. \_\_\_\_\_

- Will you ... for me if anybody asks where I was yesterday? I need to keep it a secret for now.
- The journalist selected to ... the American election for the BBC has won many prestigious awards.
- Do you expect me to believe that \$500 was not enough to ... your expenses?

5.4. \_\_\_\_\_

- I put my sister's ... temper today down to lack of sleep.
- Food is still in ... supply in many parts of the world.
- Please, hurry up, we're really ... of time.

5.5. \_\_\_\_\_

- It came as a surprise to me when I learned that bees locate flowers by ... .
- The tour guide warned the group to keep their bags in ... at all times.
- Windmills are a common ... in this part of the country.

**TASK 6. WORD FORMATION**

**Complete the texts with the correct form of the words above it. The texts must be logical and correct in both grammar and spelling. Write the missing word in the space provided. There are two extra words.**

|             |         |           |          |           |             |             |
|-------------|---------|-----------|----------|-----------|-------------|-------------|
| A. immunity | B. find | C. invent | D. occur | E. happen | F. exposure | G. invasion |
|-------------|---------|-----------|----------|-----------|-------------|-------------|

When humans are 1. \_\_\_\_\_ to lead, they are likely to develop a host of serious health problems, ranging from reproductive issues to high blood pressure. But at least one species of lizard seems to be virtually 2. \_\_\_\_\_ to the effects of this naturally 3. \_\_\_\_\_ neurotoxin - and it is said that the creature might hold the key to combating heavy metal poisoning in other species. Brown anole lizards, living in New Orleans, have extremely high levels of lead in their blood, according to a new study. And yet, these small reptiles appear to be completely healthy. These 4. \_\_\_\_\_ creatures, which are native to the Caribbean, showed up sometime in the 1990s and quickly adapted to their new urban habitat. On average, the 40 lizards

in a high-exposure area had almost 1,000 micrograms of lead per deciliter of blood. The  
5. \_\_\_\_\_ suggest scientists to reevaluate what we know about toxicity thresholds in  
vertebrates.