TASK 1. (0–5)

You are going to hear four people talking about research findings. For questions 1.1.–1.5., choose the right speaker (A–D) and put a cross (X) in the appropriate column in the table. One speaker must be chosen twice. You will hear the recording twice.

	In this study the researcher(s)	A	B	C	D
1.1.	asked participants to speculate about the behaviour of other people.				
1.2.	discovered that success in a certain context should be attributed to a different factor than frequently assumed.				
1.3.	told participants to assess their own performance on an assigned task.				
1.4.	examined the underlying motivation behind a choice of listener.				
1.5.	identified a factor which encouraged participants to act dishonestly.				

TASK 3. (0–4)

You are going to hear a text about a road trip in California. Based on what you hear, complete the gap in each sentence (3.1.–3.4.). You will hear the recording twice.

3.1. The speaker feels he should be more cautious than others while driving along the Big Sur stretch of Highway 1 because of _____.

3.2. The *unanticipated swerve* the speaker mentions refers to his _____ _____.

3.3. <u>One of the reasons</u> for the speaker's stress as he set off from San Francisco was _____.

3.4. On the whale-watching tour the speaker realized that the journey was more than a sightseeing trip. It also allowed him to _____.

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TASK 5. (0–4)

Read the article. Four passages have been removed from the text. Complete each gap (5.1.–5.4.) with the passage which fits best and put the appropriate letter (A–F) in each gap. There are two passages which you do not need to use.

WHY WATER IS ONE OF THE WEIRDEST THINGS IN THE UNIVERSE

When you think of a liquid, it will most likely be water. Water is so familiar that it is taken for granted: we drink it, wash with it, boil it, freeze it and swim in it. **5.1.** _____ The reason for this is that water breaks all the rules. Think of what happens when you drop an ice cube into a drink. In front of you is a solid floating on its liquid. Solid wax doesn't float on melted wax; neither does solid butter float on melted butter. Water is the only liquid which behaves in this way.

Ice floats because water expands when it freezes. **5.2.** _____ In frozen lakes and rivers, the ice insulates the water below, keeping it a few degrees above freezing point. Because bodies of water freeze from the top down, fish, plants and other organisms will almost always have somewhere to escape during seasons of bitter cold. As a result, complex life has been able to survive and evolve despite successive ice ages.

Now, reflect on another peculiar feature of water. Think about how insects – such as water striders – can zip along the surface of a pond. **5.3.** _____ The hydrogen atoms of one water molecule are attracted to the oxygen atom of another molecule. Each water molecule can form up to four of these hydrogen bonds, and collectively, they give water a cohesiveness unique in liquids. This explains why water is a liquid on the surface of the Earth: the hydrogen bonds hold the molecules together in such a way that more energy than normal is needed to separate them.

It is hard to overemphasize the importance of this exceptional attraction between water's atoms. **5.4.** _____ In a similar fashion, plants suck water up from deep below the Earth's surface to nourish the leaves and branches that grow in the sunshine.

The information above reveals only some of the secrets of water. The structure of life's most basic substance – the reason for its specific properties – is still a major question in chemistry and physics.

Adapted from: www.theguardian.com

A. It enables water molecules to pull each other through the tiniest blood vessels in your body – often working against the force of gravity – carrying oxygen and nutrients to places that would otherwise be hard to reach.

B. However, this apparently ordinary substance confuses anyone who starts to consider its properties. And the more you reflect on it, the more puzzling it seems.

C. That is why water is not only attracted to itself but will stick to almost anything else it comes across.

D. They are prevented from falling into the depths by the water's surface tension, which is immense when compared with that of other liquids. This comes about because of the intriguing ability of water molecules to stick to each other.

E. The ability to interact with so many things is crucial to life. It means that a wide variety of nutrients can dissolve in water and be transported around our bodies. The basic molecules of life, for example DNA and proteins, wouldn't work without water.

F. This anomalous property of water may appear to be a small and inconsequential curiosity, but it has shaped our planet and the life that exists on it.

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TASK 7. (0–5)

Read the text. For questions 7.1.–7.5., choose the word or phrase which fits best in each gap. Circle the appropriate letter (A, B, C or D).

CHRISTIE'S OFFERS A MOON ROCK FOR $2.5 MILLION

Christie's auction house has posted a tantalizing online offer that is, **7.1.** _____, out of this world: a 29-pound hunk of moon rock, up for sale at a price of $2.5 million.

Lunar meteorites are known **7.2.** _____ the lunar surface by collisions with asteroids or comets. All of the Moon's large craters were created by such impacts. The meteorite being offered by Christie's was part of a huge meteorite shower which fell over the Western Sahara, Algeria and Mauritania. Battered as a result of passing through the Earth's atmosphere, meteorites like this one lack geological context; **7.3.** _____ in the case of moon rocks gathered by the Apollo missions scientists know precisely which part of the Moon they are from. That is the main difference between them.

"This particular moon rock is also far larger than any other lunar meteorite we've sold," says James Hyslop, the head of Science & Natural History for Christie's. "I've been lucky enough to handle a few lunar meteorites at Christie's over the years, but every time I see this specimen in the warehouse the sheer size of it **7.4.** _____. The experience of holding a piece of another world in your hands is something you never forget."

If you wish to make a **7.5.** _____ purchase, you might want to consider another sale at Christie's. The auction house is also looking for buyers for a collection of meteorites which costs just over $1 million.

Adapted from: https://www.christies.com

7.1.

- **A.** exactly to the letter
- **B.** quite literally
- **C.** word for word
- **D.** figuratively speaking

7.2.

- **A.** to being blasted off
- **B.** being blasted off
- **C.** to have been blasted off
- **D.** having been blasted off

7.3.

- **A.** contrary
- **B.** as opposed
- **C.** whereas
- **D.** much as

7.4.

- **A.** blows my mind
- **B.** suits my eyes
- **C.** picks my brain
- **D.** twists my arm

7.5.

- **A.** noticeably grander
- **B.** not as evident
- **C.** less frugal
- **D.** more modest

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TASK 8. (0–4)

Read the text. For questions 8.1.–8.4., use the word given in brackets to form a word that fits the gap. The text must be logical and correct in both grammar and spelling. Write the missing word in the space provided.

HOW DID CATS CONQUER THE WORLD

Thousands of years before cats managed to **8.1. (NUMBER)** _____ dogs by roughly 75 million across the globe, they were hopping continents with farmers, ancient mariners, and even Vikings. Although cats have been constant companions to humanity for thousands of years, scientists know **8.2. (REMARK)** _____ little about their origins and how they spread across the world. A study of DNA from the remains of more than 200 cats, dug up from Viking and Stone Age graves and extracted from Egyptian mummies, reveals that cats conquered the globe in two waves. During the first wave, the feline creatures travelled from the Middle East to the eastern Mediterranean. The ancient farmers, who were in **8.3. (DESPAIR)** _____ need of rodent control, encouraged the spread of cats.

The next wave – which occurred thousands of years later – started in ancient Egypt and moved in the direction of Northern Europe. Unlike the first wave, where cats spread via the farming communities, during the second wave the furry felines first appeared in urban settlements. Researchers believe that the Vikings brought cats home with them from their Mediterranean voyages. The **8.4. (ASSUME)** _____ underlying this belief are further confirmed by the presence of cats in Norse mythology. The Viking goddess Freyja for example is said to have travelled in a chariot pulled by two large cats.

Adapted from: https://www.britannica.com

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TASK 9. (0–5)

For questions 9.1.–9.5., complete the second sentence so that it is as similar in meaning as possible to the first sentence and it is correct in both grammar and spelling. Use the word given. Do not change the word given. Use up to six words including the word given.

9.1. The soil was so badly eroded that it was impossible for crops to grow there any more.

SUSTAIN

The soil was so badly eroded that it could no _____ _____.

9.2. I chose that area for my vacation as tourists rarely set foot there. I found it to be a true haven of peace and quiet.

BEATEN

I chose that vacation spot because it is _____ _____. I found it to be a true haven of peace and quiet.

9.3. Scientists believe that dinosaurs died out about 66 million years ago.

BELIEVED

Dinosaurs _____ about 66 million years ago.

9.4. Fiona suddenly realized that her situation was hopeless.

AWARE

Fiona suddenly _____ of the situation she was in.

9.5. She got really upset when her teacher didn't show enthusiasm for her idea.

LACK

The reason why she got so upset was _____ _____ for her idea.

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