

UNIT 6 NATURAL WONDERS 2

1. Read the following text and find the word that matches the definition:

Bioluminescence is a natural process where living organisms produce light. This happens because of a special chemical reaction in their bodies. The reaction involves a compound called *luciferin* and an enzyme called *luciferase*. When *luciferin* is exposed to oxygen, the enzyme helps start a reaction that produces light using chemical energy. Most people know that chemical energy can be released as heat. That's how the food we eat gets transformed into body heat. In bioluminescent organisms, that chemical energy can also be released in the form of light.

Many organisms can emit this light, such as fireflies, glow-worms, octopuses, and some types of fish. The color of the light can be blue, green, or yellow, depending on the species and the environment. Interestingly, some plants and fungi can also glow. For example, certain mushrooms, like the "foxfire" fungi, produce a soft green light. These bioluminescent fungi use their light to attract insects, which help spread their spores to new areas.

Bioluminescence is very useful for these organisms. Animals might use it to find food, communicate, or escape predators, while plants and fungi use it for reproduction. This amazing process shows how nature uses chemistry in clever ways to help organisms survive.

to send out something such as light, heat, sound, gas, etc. (**verb**): _____

be brought into contact with something/ someone (**adjective**): _____

a living thing, especially one that is extremely small (**noun**): _____

producing light inside its body by a chemical reaction (**adjective**): _____

a substance that is produced by all living things and that helps a chemical change happen or happen more quickly(**noun**): _____

a substance formed by a chemical reaction of two or more elements(**noun**): _____

a series of things that produce a change or development(**noun**): _____

Read the text and make inferences (suy luận) to answer the following questions:

Where do the majority of bioluminescent animals live? Why?

2. Read the following text and choose the correct answer:

A Journey Around the World

Last summer, I decided to take (1) _____ trip to see some of the most beautiful places in the world. First, I visited (2) _____ Eiffel Tower in the heart of Paris. This city is famous for (3) _____ art, food, and history. There were so (4) _____ people waiting to see the tower, but I was lucky to find a short line. (5) _____ of my friends, Sarah and John, could join me, but I made several new (6) _____ during my visit.

After France, I flew to South America to see (7) _____ Amazon Rainforest. That place was full of life, with thousands of animals and plants everywhere. (8) _____ of the trees there are taller than buildings! I didn't see any jaguars, but I saw monkeys swinging from (9) _____ trees. I couldn't imagine anything more exciting than exploring a forest like that.

Later, I traveled to (10) _____ United States to visit the Grand Canyon. That natural wonder was even more impressive than I imagined. Many people were there to enjoy the view, but (11) _____ of them had a better spot than me. I even shared my snacks with several kids who forgot to bring theirs.

Finally, I stopped in (12) _____ Alps, where I stayed in a small village. These mountains were covered in snow, and the air was so fresh. The locals told me stories about life in the area, and I learned that not (13) _____ finds mountain life easy. One of the farmers invited me to try making cheese, which was harder than I thought, but I loved every moment of it.

(14) _____ trip taught me that the world is full of amazing places and wonderful people. (15) _____ who loves adventure should explore as much as they can because there is always something new to discover.

1.

a. the	b. a	c. an	d. some
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2.

a. the	b. a	c. an	d. -
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3.

a. their	b. some	c. its	d. many
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4.

a. much	b. few	c. a lot of	d. many
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5.

a. Either	b. None	c. Both	d. Neither
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6.

a. some	b. friend	c. one	d. ones
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7.

a. the	b. our	c. -	d. a
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8.

a. Some	b. A little	c. Lot of	d. Both
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9.

a. that	b. those	c. this	d. all
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10.

a. many	b. -	c. the	d. all
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11.

a. much	b. either	c. none	d. all
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12.

a. many	b. the	c. some	d. -
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13.

a. everybody	b. somebody	c. anybody	d. nobody
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14.

a. These	b. Those	c. That	d. This
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15.

a. Person	b. Someone	c. Nobody	d. Anyone
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