

1. What is the primary source of energy for all organisms?

- A. The sun
- B. Food
- C. Water
- D. Oxygen

2. What is the role of energy in ecology?

- A. It is the driving force of all ecological processes
- B. It is necessary for the survival of all organisms
- C. It is the foundation of all food webs
- D. It is the source of all chemical reactions

3. How is energy used in ecosystems?

- A. It is used to power all ecological processes
- B. It is used to create new organisms
- C. It is used to maintain the existing ecosystem
- D. It is used to break down organic matter

4. What is the ultimate source of energy for all ecosystems?

- A. The sun
- B. Food
- C. Water
- D. Oxygen

5. How does energy flow through ecosystems?

- A. It is recycled through food webs
- B. It is transferred from one organism to another
- C. It is used up by ecological processes
- D. It is released into the environment

6. What is the role of energy in the environment?

- A. It is the driving force of all ecological processes
- B. It is necessary for the survival of all organisms
- C. It is the foundation of all food webs
- D. It is the source of all chemical reactions

7. How does energy flow through the environment?

- A. It is recycled through food webs
- B. It is transferred from one organism to another
- C. It is used up by ecological processes
- D. It is released into the environment

8. What is the role of energy in the biosphere?

- A. It is the driving force of all ecological processes
- B. It is necessary for the survival of all organisms
- C. It is the foundation of all food webs
- D. It is the source of all chemical reactions

9. How does energy flow through the biosphere?

- A. It is recycled through food webs
- B. It is transferred from one organism to another
- C. It is used up by ecological processes
- D. It is released into the environment

10. What is the role of energy in the universe?

- A. It is the driving force of all ecological processes
- B. It is necessary for the survival of all organisms
- C. It is the foundation of all food webs
- D. It is the source of all chemical reactions

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