

SELECT THE CORRECT ANSWER

1. What is an ecosystem?

- A. Only the living things in an area
- B. Only the non-living things in an area
- C. All the living and non-living things in an area and their interactions
- D. A large forest with many animal

2. What are biotic factors?

- A. Non-living components like water and soil
- B. Living components such as plants and animals
- C. Rocks and minerals
- D. Air and temperature

3. Which of the following is an abiotic factor?

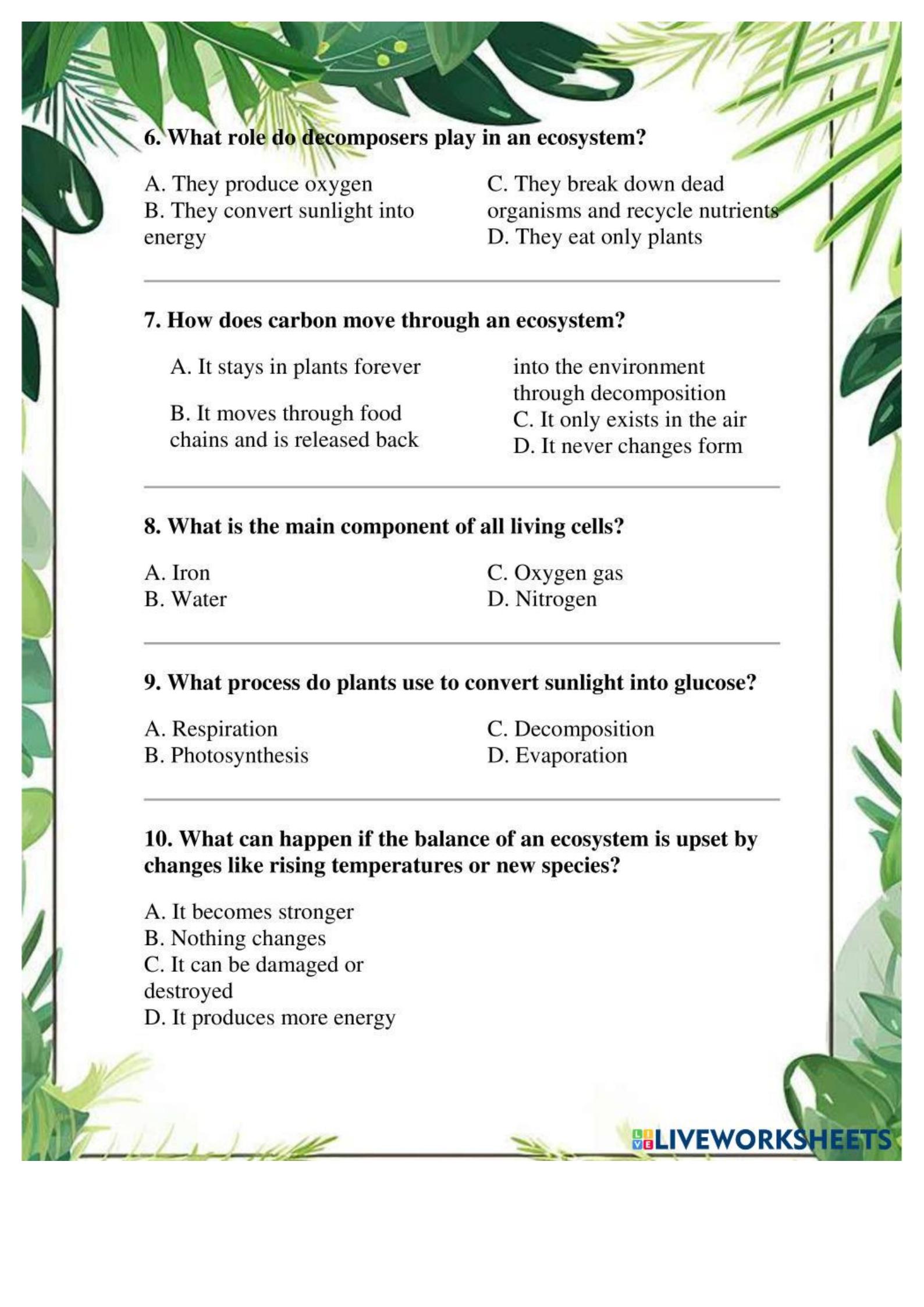
- A. Trees
- B. Fish
- C. Soil
- D. Fungi

4. How does energy enter an ecosystem?

- A. Through the wind
- B. When plants convert sunlight into chemical energy during photosynthesis
- C. When animals eat other animals
- D. Through water evaporation

5. What happens when living things die?

- A. Their bodies disappear completely
- B. They turn into rocks
- C. Decomposers break down their bodies, releasing matter back into the environment
- D. They become consumers



6. What role do decomposers play in an ecosystem?

- A. They produce oxygen
- B. They convert sunlight into energy
- C. They break down dead organisms and recycle nutrients
- D. They eat only plants

7. How does carbon move through an ecosystem?

- A. It stays in plants forever
- B. It moves through food chains and is released back into the environment through decomposition
- C. It only exists in the air
- D. It never changes form

8. What is the main component of all living cells?

- A. Iron
- B. Water
- C. Oxygen gas
- D. Nitrogen

9. What process do plants use to convert sunlight into glucose?

- A. Respiration
- B. Photosynthesis
- C. Decomposition
- D. Evaporation

10. What can happen if the balance of an ecosystem is upset by changes like rising temperatures or new species?

- A. It becomes stronger
- B. Nothing changes
- C. It can be damaged or destroyed
- D. It produces more energy