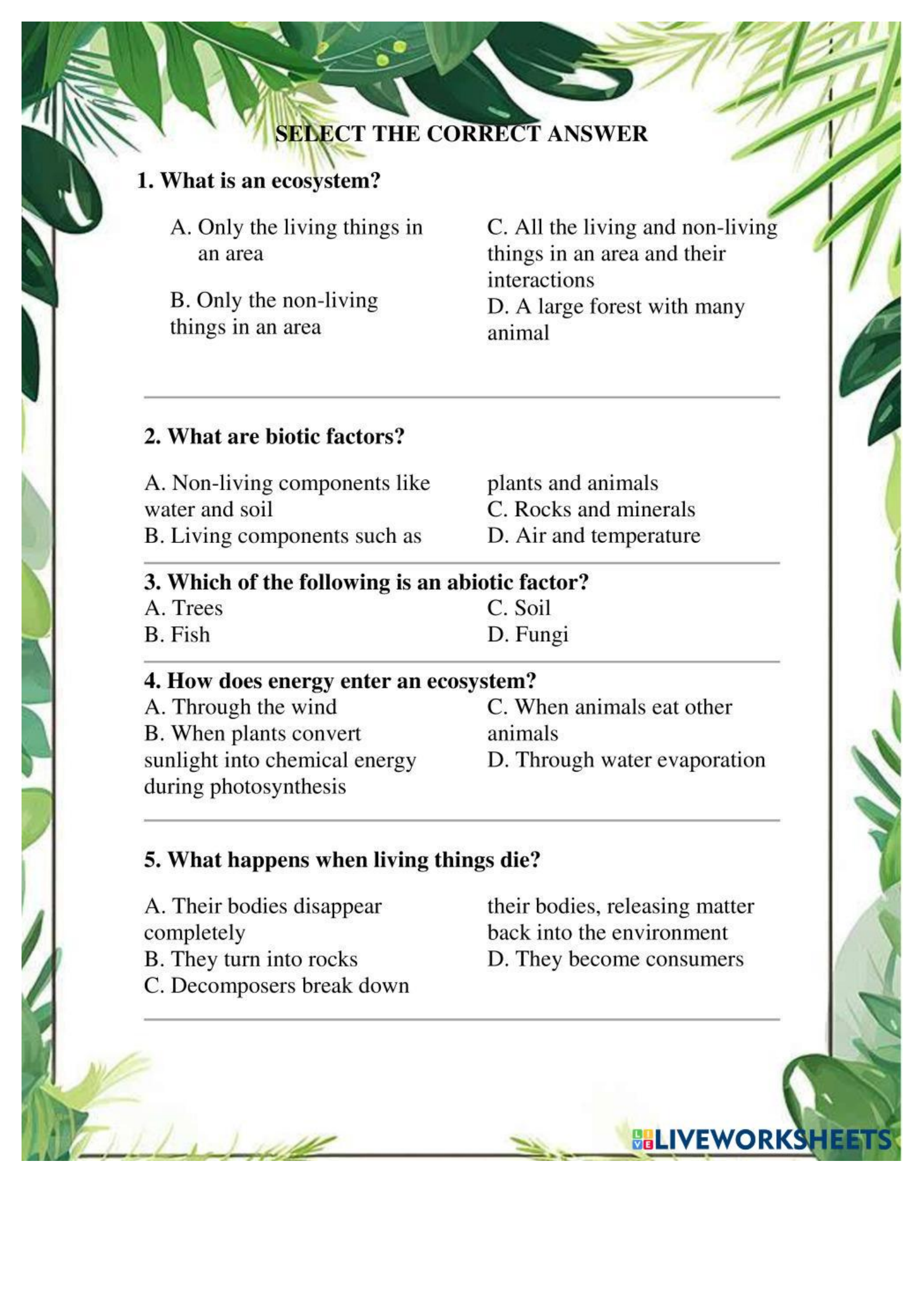




SELECT THE CORRECT ANSWER

1. What is an ecosystem?

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

2. What are biotic factors?

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

3. Which of the following is an abiotic factor?

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

4. How does energy enter an ecosystem?

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

5. What happens when living things die?

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

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