**Introduction to Ecology**

Multiple Choice

1. Name the study of living things, and their interactions with each other and the environment.
2. Ecology
3. Geology
4. Chemistry
5. Neurology
6. Define a habitat.
7. The place where an organism lives.
8. A collection of multiple environments.
9. A place where you learn bad habits.
10. The same thing as an environment.
11. Define an environment.
12. The factors surrounding an organism that affect its life.
13. The interactions an organism has with other organisms.
14. The plastic device you throw recyclable rubbish into.
15. The preferred food source of a particular organism.
16. Define an ecosystem.
17. Only the living parts of an environment, and how they affect one another.
18. All of the living and non-living environmental factors in an area and how they interact with each other.
19. Only the non-living parts of an environment, and how they affect one another.
20. All of the animals that live in a certain area.
21. True or false:

"Ecosystems and environments are the same thing."

1. True
2. False

Which is the correct answer?

1. **Circle the correct answer.**

Ecology is the study of **non-living things/living things** and their interactions with each other and the **atmosphere/ environment/geosphere**/

1. **Circle the correct answer.**

The green turtle (*Chelonia mydas*) is an example of an organism living within the Great Barrier Reef.

The tropical water of the Great Barrier Reef is the green turtle's **ecosystem/environment/habitat**.

Fill in the blanks

1. Use the following words to fill in the gaps.

**environment, habitat**

Clownfish (*amphiprion ocellaris*) are found in the Great Barrier Reef, where they are known to live alongside anemones. The reef is their \_\_\_\_\_\_\_\_\_\_\_\_\_- the place where the clownfish live. The reef and the anemones are part of their\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Use the following words to fill in the gaps.

**environment, interacting ecosystem, non-living**

An organism’s \_\_\_\_\_\_\_\_\_\_\_\_\_ consists of its surroundings, both living and non-living. An \_\_\_\_\_\_\_\_\_\_\_\_ is any environment that contains organisms \_\_\_\_\_\_\_\_\_\_\_\_\_\_ with each other and with the \_\_\_\_\_\_\_\_\_\_\_\_ parts of the environment.