Natural Habitat

Every living thing has a particular place in which it lives, and we call this place its **habitat**. A good habitat provides everything an **organism** needs to survive. It provides food and shelter, places for **breeding**or laying eggs, the right kind of climate, and so on. Every organism, or **species**, needs a particular type of **natural habitat**. For some species it could be deep in a forest, while for others it could be deep in the ocean. No matter what type of habitat a species needs, it will have to share it with other species who have adapted to the same kind of **natural environment**.

When many species share a particular habitat, some species will be food for other species, which in turn might be food for others even higher up the **food chain**. Food chains are just one of many relationship networks within a habitat that together form what we call an **ecosystem**. As such, every species becomes part of an ecosystem within its habitat. Lions, for example, live in habitats across the grasslands of central Africa. They are apex predators, which means they are at the top of the food chain in their ecosystem. The food chains that lions are part of include various grasses and other plants eaten by the animals that lions eat, such as zebras, buffaloes, and giraffes.

Questions

N1/ Give the definition of the underlined words.

N2/ Put each word into a coherent sentence.

* **Habitat** (noun): is the specific environment in which an organism, population, or community of organisms lives and interacts with its surroundings.

**Understanding habitats helps scientists to comprehend the needs of different species.**

* **Organism** (noun): a living thing, such as an animal, plant, or bacterium.

**-The study of organisms is a fundamental aspect of biology, and it involves understanding their structure, function, behavior, and interactions with their environment.**

**-Good soil is full of organisms, many of which are microorganisms too small to see.**

* **Breeding** (noun): the process by which organisms reproduce -

**A suitable habitat is essential for successful breeding**.

* **Ecosystem** (noun): complex system which includes all the living organisms (biotic factors) in a particular area, as well as the nonliving factors (abiotic factors) with which they interact.

**Our river's ecosystem is being destroyed by toxic factory waste.**

**Natural habitat** (noun): the environment or surroundings where a particular species of organism, plant, or animal, is naturally found and adapted to live.

- **The natural habitat of a polar bear would be the Arctic region, where it can thrive in cold temperatures, icy waters, and a diet primarily consisting of seals**

* **Natural environment** (noun): the environment or surroundings where a particular species of organism, plant, or animal, is naturally found and adapted to life.

**The conservation of the natural environment is essential for preserving biodiversity, maintaining ecosystem balance, and ensuring the overall health of our planet.**

* **Food chain** (noun): a linked series of relationships wherein one species is food for another, which in turn is food for another, and so on –

**Energy and nutrients are transferred through the food chain.**