


Grade-4

Biology

Ch-3 Lesson-1

What are the parts of ecosystem?


29/11/2020

Q1. Define the following terms:

1. **Ecosystem:** An ecosystem is made up of living and non-living parts in an environment that interact with each other.
2. **Population:** A population is all the members of one species that live within an area of an ecosystem.
3. **Community:** The different population that interact with each other in the same area form a community.
4. **Niche:** The specific role an organism has in its habitat is called its niche.
5. **Habitat:** The area or place where an organism lives in an ecosystem is called a habitat.

Q2. What are the living and non-living parts of an ecosystem?

A2. Living parts: Animals, plants, fungi, protists and bacteria.

Non-living parts: Air, water, soil, sunlight, climate and landforms.

Q3. Name five ecosystems.

A3. 1. Desert ecosystem

2. Grassland ecosystem

3. Tundra ecosystem

4. Forest ecosystem

5. Tropical rain forests ecosystem

Q4. Write about the following ecosystems.

A4. 1. Tundra: Tundra is cold and dry ecosystem. The ground beneath the surface is frozen all year long.

2. Grassland: Grasslands are covered with grasses and have few trees. They receive a medium amount of rainfall.

3. Tropical rain forests: Rain forests are always wet and get rain throughout the year.

Q5. Explain the differences between an organism's habitat and its niche.

A5. An organism's habitat is the area where it lives with other organisms within the ecosystem. Its niche is its job that includes the type of food it eats how it gets its food and which other species use the organism as food.