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Based on NCERT patterns

Environment

Ecosystem

Mode of nutrition in animals and plants

Autotrophic and Heterotrophic

Saprophytes and decomposers

Saprophytes are plants, fungi, and microorganisms that feed on the dead and decaying material.

Decomposers break down the organic matter or waste material and release nutrients into the soil. For example, bacteria, worms, slugs, and snails.

Abiotic components

Nonliving chemical and physical components of the environment like the soil, air, water, temperature, etc.

Biotic components

Living organisms of the environment like the plants, animals, microbes, and fungi.

Ecosystem

- Includes both biotic and abiotic components.
- In a given area, all the living things such as plants, animals and organisms interacting with each other, and also with their non-living environments, i.e., weather, earth, sun, soil, climate, atmosphere.

Trophic levels

It refers to the various levels in a food web as per the flow of energy.

The different trophic levels are -

- Producers (T1)
- Primary consumers (herbivores-T2)
- Secondary consumers (primary carnivores -T2)
- Tertiary consumers(Sec carnivores -T3)
- Quaternary consumers (Ter. carnivores T4) Decomposers