

# Home Assignment

HW  
7/8/2021

1) What is an ecosystem? How it balances the nature?

Ans - An ecosystem is a self-community of living organisms interacting with each other and their non-living environment.

In an ecosystem there are producers and consumers. The green plants are the producers which are the source of food. The consumers are other animals which eat or consume producers directly or indirectly. There are prey and predators among them. The predators consume prey to get the energy and maintain the balance.

2) Trophic levels of a food chain goes on decreasing from bottom to top. Why

Ans - In a trophic level, only 10% of its energy is passed to next level. So, as the energy passes it decreases. That's why at bottom there is the maximum and it decreases as it reach the top.

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