

What are ecosystems

Biotic are living factors like predation and competition.

Abiotic are non living factors like light and temperature.

Terminology

- The Habitat is a place where an organism normally lives. An ecosystem may contain many habitats.
- A Population is defined as all the organisms of one species in a particular habitat.
- A community is all the populations of different species living in the same place at the same time.
- A habitat is defined as the role of an organism within its environment. It is where an organism lives and what it does there.
- An ecosystem is the combination of all the biotic and abiotic factors in a particular area. Ecosystems are said to be dynamic.

1. Think

An ecosystem is the combination of biotic and abiotic factors in an area. I think that the school is also like an ecosystem as there are the abiotic features - sun light, energy. There are also biotic features in the school such as humans and vegetation. Hence, by definition, it is an ecosystem.

Symbiosis:

Long-term living together of unlike organism

Components of ecosystems - Symbiotic Relationships

Mutualism - Both organisms work together and both benefit

Parasitism - One organism benefits at the cost of harming another

Commensalism - One organism benefits and the other is unaffected