

Chapter 15

OUR ENVIRONMENT

Ecology:

It is the study of living organisms in relation to other living organisms (biotic factors) and abiotic environmental factors surrounding them.

Haeckel coined the term Ecology

Reiter – father of ecology

Prof. Ram deo mishra – father of Indian ecology

Ecosystem:

- It is defined as interaction between organisms and surrounding environment.
- It is considered as structural and functional unit of ecology.
- The term ecosystem was coined by A.G Tansley.

Types of Ecosystems:

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Natural Ecosystem

- It is a natural unit consisting of all plants, animals and microorganisms
- It is a place where plants and animals depend upon one another

Ex. Ponds, deserts, forests, grasslands etc



Artificial Ecosystem

- It is created by human beings
- The basic biotic and abiotic components present in the ecosystem will be decided by man

Ex. Aquariums



Components of Ecosystem:

Components of Ecosystem

