

Vidya Bhawan Balika Vidyapeeth Lakhisarai

Arun Kumar Gupta

Class

10th

Sub. Biology

Date:- 11.11.20

OUR ENVIRONMENT

Introduction

→ Everything that surrounds us is environment. It includes both living (biotic) and non-living (abiotic) components.

→ Interaction between these biotic and abiotic components form an ecosystem.

→ In an ecosystem living components depend on each other for their food which give rise to food chains and food webs in nature.

→ Human activities lead to environmental problems such as depletion of ozone layer and production of huge amount of garbage.

Ecosystem

→ All the interacting organisms in an area together with the non-living constituents of the environment form an ecosystem. E.g., forest, pond etc.

Types of ecosystem

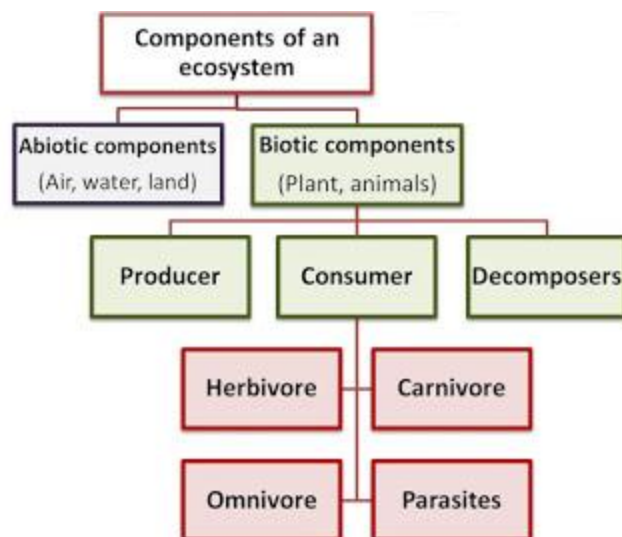
It is of two types

(i) Natural ecosystem: The ecosystem which exist in nature on its own.

Example: forest, lake, ocean.

(ii) Artificial ecosystem: Man-made ecosystems are called artificial ecosystem.

Example: crop field, aquarium, garden.



(i) Abiotic Components: All the non-living components such as air, water, land, light, temperature etc. form the abiotic components.

(ii) Biotic Components: All the living components such as plants, animals, bacteria, fungi etc. form the biotic components.