Biology

UNIT 6 – ENVIRONMENT

6.1 HABITAT

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Environment

- Environment is everything in the surrounding of an organism that could possibly influence it.

Habitat

- Habitat is an ecological or environmental area that is occupied by a particular species of animal, plant, or other type of organism.
- It is the natural address, where an organism can be found.

Cont'd

- There are two major types of habitat. These are terrestrial habitat and aquatic habitat.
- Aquatic habitat is an environment, which is characterized by organisms that live in water. It can be divided into two:

1. Fresh water
2. Marine water

Cont'd

- Terrestrial habitat is an environment, which is characterized by organisms that live on land.
- The habitat in which an organism lives can be affected by various natural and man-made factors.

These include:

1. Climatic change
2. Edaphic factor
3. Physiographic factor
4. Altitude
5. Deforestation
6. Air pollution

Population and Community

➢***Population is a group of living organisms of the same species that live in a particular area.***

➢Each population has its own requirements to live in a given habitat

such as:

✓Temperature,

✓Humidity, and

✓Food

➢It also needs to fulfill other factors that determine its existence and reproduction.

Cont'd

- The population of a certain species may be found distributed randomly, uniformly, or in a group form.
- ***Community is a group of populations that live together in a given area.***
- It includes:
- ✓Plants species, and
- ✓Animals species

Thank You !