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1st, paper 2(A).

Question no. 72 :- Abiotic and Biotic
ecosystem ko classify krte
hue sachitko varnon krte --?

Answer :-

Components of ecosystem :-

At any given point of time do you find yourself to be surrounded by nature, with all its beauty in the form of trees, plants, lakes, rivers, animals, insects etc.? So you think there is some form of contact or collaboration between the living and the nonliving components of ecosystem? Read along to know more.

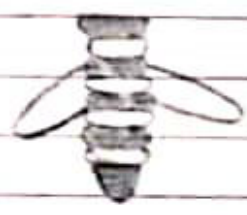
What is an ecosystem?

Living organisms seem to interact amongst themselves and with the physical environment. This, in short, can be called an

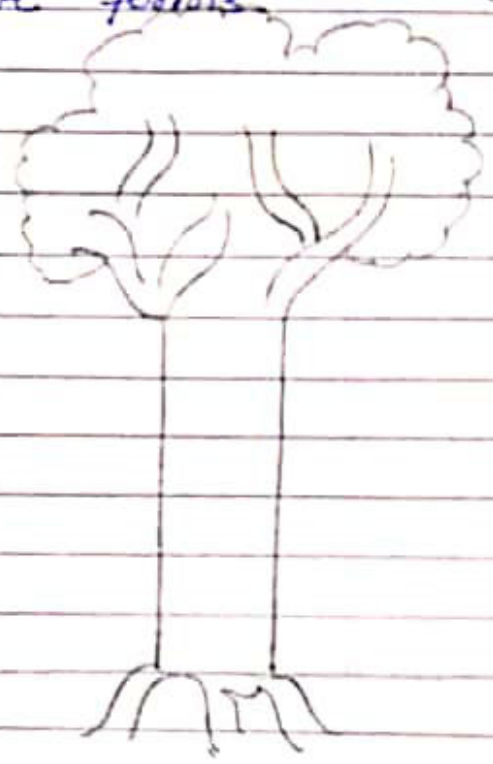
It all depends on the different components and the extent to which you want to define the space, to consider it an ecosystem. And hence to be able to learn more about them, ecosystems are generally divided into smaller forms.



BACTERIA



BEE

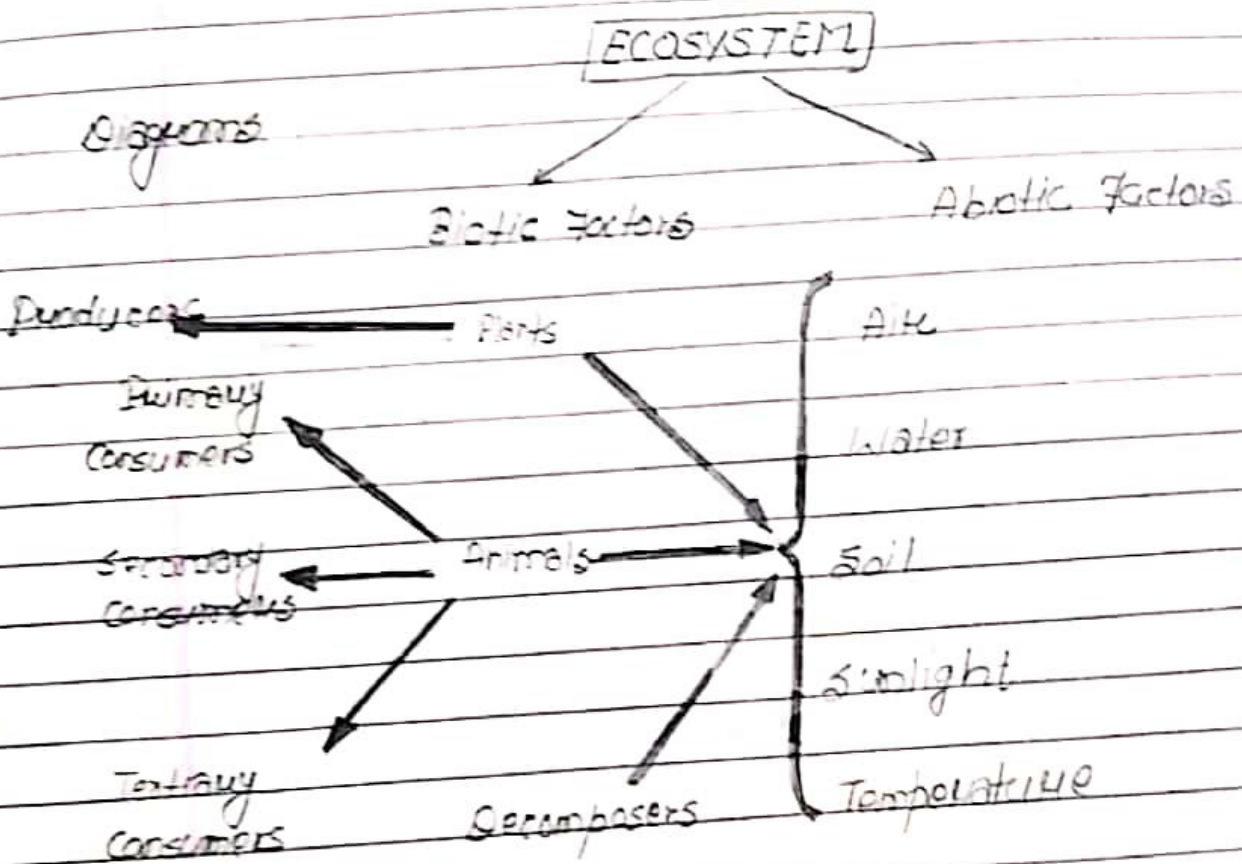


Biotic components : Living factors.

Biotic components of Ecosystem :-

The living components of an ecosystem are called the biotic components. Some of these factors include plants, animals, as well as, fungi and bacteria. These biotic components can be further classified, based on the energy

requirements source, producers, consumers, and decomposers are the three broad categories of biotic components

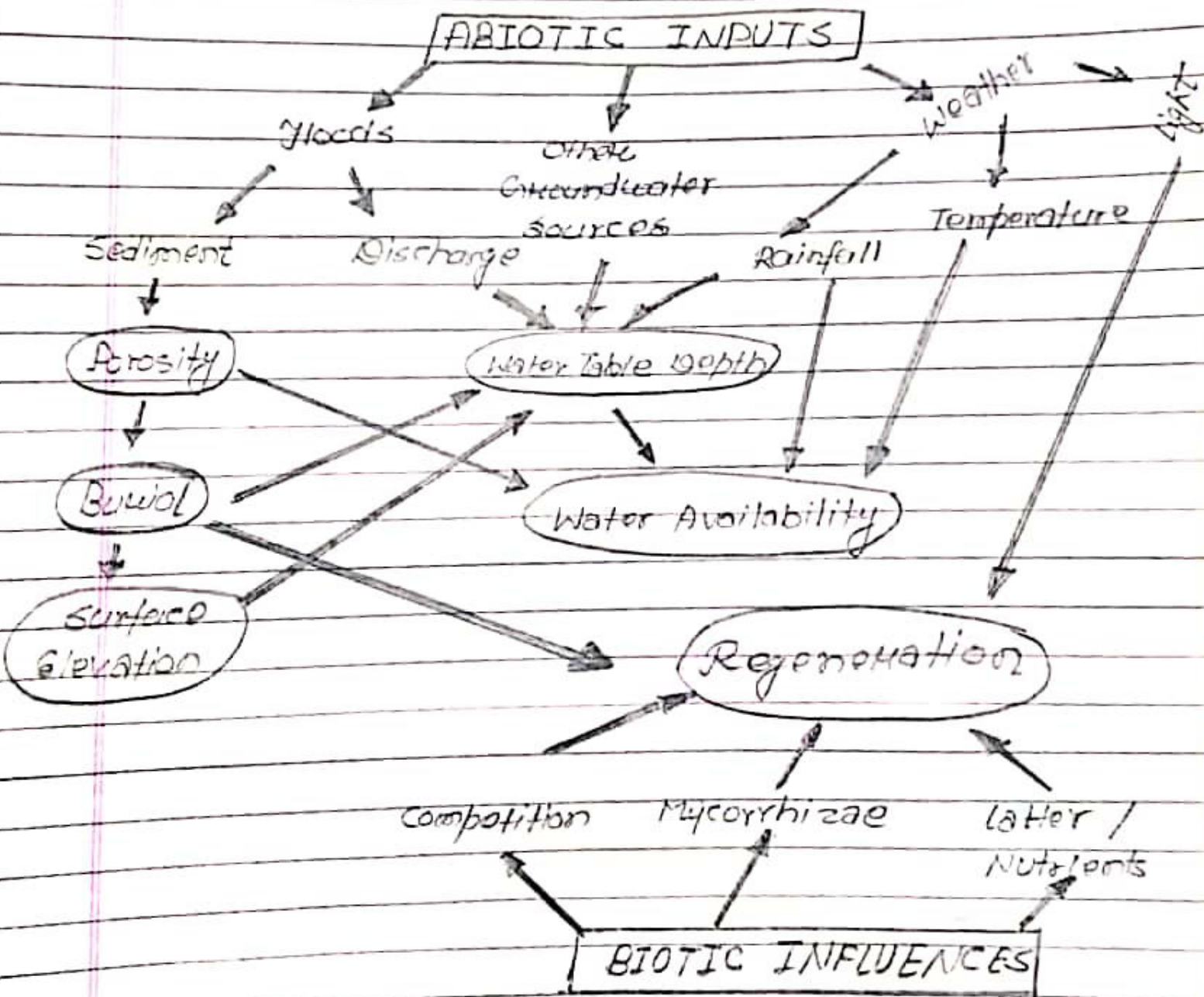


X-planation

- **Producers:** Producers are the plants in the ecosystem, which can generate their own energy requirement through photosynthesis, in the presence of sunlight and chlorophyll.

- **Consumers:** Consumers include herbivores, carnivores, and omnivores. The herbivores are the living organisms that feed on plants, carnivores etc.

Abiotic Components of Ecosystem :-
 Abiotic components are the physical and / or the chemical factors that act on the living organism at any part of their life. These are also called as the ecological factors.



The physical and chemical factors are characteristic of the environment.