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HONOURS PART I

CORE CONCEPT OF Paper-I
Group A - Algae

ECONOMIC IMPORTANCE OF ALGAE

Algae have been very useful in discovery of some of the steps in photosynthesis. About 90% of total photosynthesis in the world is carried on by algae. Algae also purify air by continuous liberation of oxygen. All organisms are directly or indirectly benefited from algae. Here some economic importance of algae are given:

1. Algae constitute the link of food chain - Both waters and salt contain an enormous

variety of algae which constitute the primary link of many food chains. Algae synthesize organic food stuffs, just as do the plants of the land. Fish and other aquatic forms of animal life are dependent directly or indirectly upon algae. Fish is important item of daily diet of animals and man.

2. Algae used for recreational purposes: Certain algae are grown in areas such as lakes and streams along with fish for recreational purposes.
3. Algae useful in fish culture - The Algae are utilized in fish culture.
4. Algae and water supplies: In summer season the phytoplankton in lakes ponds and water reservoirs may get extremely conspicuous. The water becomes dirty and forms greenish