

## Subject –Science (Study Material & Note)

### Question - Explain the importance of coral reefs

Coral reefs are a very important ecosystem in the ocean as well as a beautiful place. Coral reefs are like a temple to the oceans. The significance of these coral reefs in the ocean cannot be overstated. That is because they are such valuable resources.

Coral are made up of a number of tiny organisms called '**Buhubawa**'. Buhubawa create a calcium carbonate coating on hard corals. Many of these covers combine to form coral reefs and hundreds of hard coral habitus combine to form coral reefs. Corals are colored by single-called algae that live in their bodies.

The coral reefs are a rock that runs reefs to the shore, close to the shore. The coral reef, which is made up of millions of species, brings a unique beauty the ocean, which is a barrier between the coast and the sea due to its dense structure. Coral reefs protect the coast from erosion.

The beauty of the ocean floor, which is said to be divine, is under serious threat. It is a matter of great concern that these coral are under serious threat, especially from coral mining, agricultural and urban waste disposal, overfishing and dynamite blasting.

Coral reefs are the most valuable resource on the ocean floor. A coral reef is an important ecosystem that provides habitat and food for much other aquatic life, including fish. Coral provides a favorable environment for the breeding of these species and is beneficial to the fishing industry. Coral reefs from a barrier near the shore, which act as a barrier to prevent coastal erosion. Coral reefs act as a breakwater that minimizes the damage caused by tsunami-like conditions.

Coral reefs are a beautiful ecosystem and can generate a large amount of foreign exchange for the tourism industry. It is also used as a chemical to reduce solid acidity. Coral reefs are needed to make medicine for various diseases related to cancer and leukemia.

Coastal erosion can make the coastal region insecure. Due to this dams have to be built to protect the coast. To incur a large expense for it take place. But coral reefs are naturally formed so there is no need to incur such costs.

These facts show that coral reefs are an invaluable resource and it is the duty of all the inhabitants of the world to protect them.

