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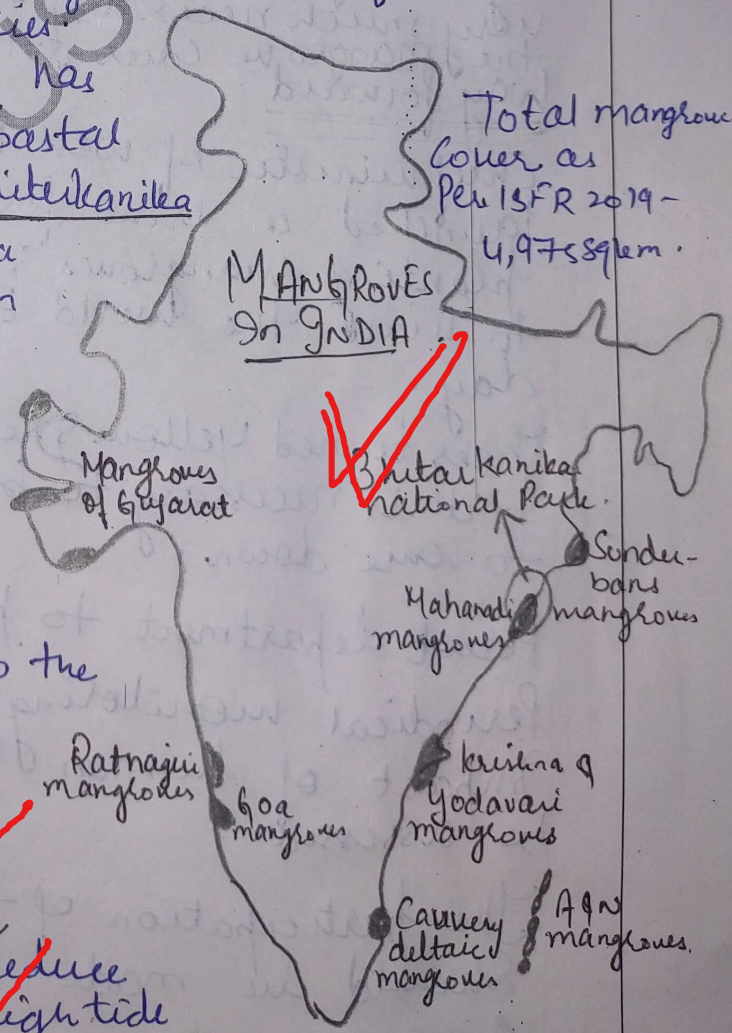
Q During recent Amphan cyclone, significance of mangroves was realised by Coastal Indian States. Critically analyse the approach in management of mangrove forest in India.

The powerful cyclone Amphan that struck India & Bangladesh passed through the vast mangrove forests of Sundarban delta causing 28% of Sundarbans damaged.

Mangroves are the plant communities occuring in intertidal zones along the coasts of tropical & subtropical countries.

The tropical cyclone has triggered damage in coastal parts but Bhitarkanika national park in odisha & adjoining hamlets in Kendrapara districts due to mangrove cover acting as protective barrier to natural nature fury.



Give protection to the coastline & minimize disasters.

Importance of mangroves

- Store CO2 than most of forests
- act as shock absorbers, serve as breeding grounds for fishes & crustaceans.
- reduce high tide & waves & prevent soil erosion

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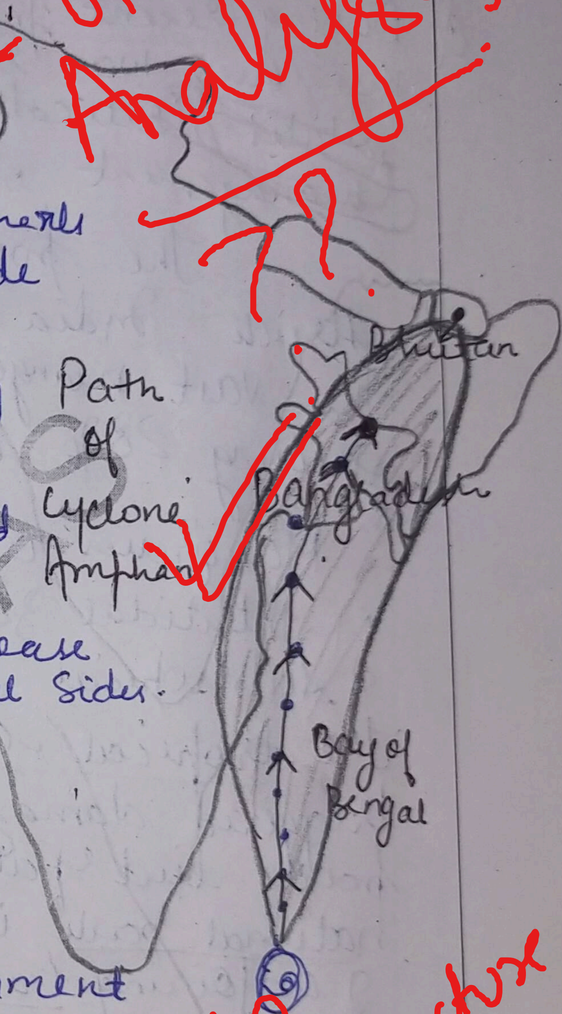
Mangroves are intermediate vegetation b/w land & sea that grow in O_2 deficient waterlogged soils which have H_2S & create unique environments which ecological niche for wide variety of organisms.

Critically Analyse ??



Mangroves not only reduce wind speed but breaks the waves during a storm surge caused by a cyclone. So, it becomes very much necessary to increase the mangrove cover for coastal sides.

Way forward

Chief minister of West Bengal launched a drive for planting mangroves & trees to mark the World Environment day.

Trees turned yellow & red after cyclone due to salinity so it is necessary to bring the salinity of soil to come down.

Forest department to plant 3.5 cr mangroves.

Periodical monitoring of mangrove forest & impact of human & environment needs to be assessed.

The participation of the local community should be made compulsory for conservation & management.

- write in proper structure.

only flow is problem, content is not.

→ good answer

m → 3/10

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