

- a) What are the components of the Environment?
- b) Why is ecological energy flow important in the Ecosystem?
- c) Why is oil pollution an important issue in Marine Pollution?
- d) What is meant by a hazardous waste?
- e) Define Biodiversity. Why is it important?
- f) List any four ecological benefits of coral reefs.
- g) What are causative pollutants which lead to ozone depletion?
- h) Define Air Quality Index.
- i) List any two mitigation measures of the 'Increasing Sea Level'.
- j) Mention any two major points of discussion in 'Paris Treaty'.

SECTION-B

2. Discuss the strategy for natural resource consumption from sustainable development perspective.
3. Discuss the Carbon cycle and explain the issue of Global Warming.
4. List the major pollutants encountered in ship dismantling yards.
5. Write a short notes on :
 - a) Land pollution
 - b) Water logging and salinity
6. Explain briefly 4R's concept of Waste Management.

SECTION-C

7. List and explain the major considerations to be made for a coastal developmental project. Mention and explain the provisions of Indian laws related to coastal development.
8. Explain the following :
 - a) Clean Technology
 - b) Waste treatment methods for ships
9.
 - a) Discuss the steps involved in environmental impact assessment.
 - b) Explain and contrast between precautionary principle and polluter pays principle.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.