

Please check whether you have got the right question paper.

- N.B:**
1. **All questions are compulsory**
 2. **Draw neat labeled diagrams wherever necessary.**
 3. **Figures to the right indicate full marks.**

- Q.1** What are the different sources of oil spill? Explain its impact on Marine ecology **12**
OR
- Q.1** Describe briefly the different types of pollutants with references to industrial effluents **12**
- Q.2** What are green house gases? Discuss their role in global warming **12**
OR
- Q.2** Give a detailed account of Kyoto protocol **12**
- Q.3** Discuss the various characteristics of a population. Add a note on population dynamics. **12**
OR
- Q.3** What are ecological niches? Describe the different types of niches studied by you. **12**
- Q.4** Enumerate the activities that are permissible along the coasts according to the norms set by the coastal zone management **12**
OR
- Q.4** Discuss the following **12**
- i. Protection of mangroves
 - ii. Rehabilitation of degraded mangroves
- Q.5** Write short notes on **any three** of the following **12**
- a. BOD
 - b. Causes of Eutrophication
 - c. Ozone hole
 - d. Effects of UV radiation on climate change
 - e. Mangrove habitat
 - f. commensalism