



(d) Always changing

- 1-d. The major photochemical oxidant is (CO4) 1
- (a) Hydrogen peroxide
  - (b) Ozone
  - (c) Nitrogen di oxide
  - (d) PAN
- 1-e. Wild life Protection Act in India was enacted on (CO5) 1
- (a) 1972
  - (b) 1987
  - (c) 1989
  - (d) 1990

2. Attempt all parts:-

- 2.a. Define the term biomagnifications? (CO1) 2
- 2.b. “Water harvesting system is an effective measure to reduce the problem of water scarcity.”  
Justify the statement. (CO2) 2
- 2.c. Write down the stages of succession. (CO3) 2
- 2.d. Describe the causes of soil pollution . (CO4) 2
- 2.e. Name the Protocol countries agreed to phase out hydro chlorofluorocarbons (HCFCs).  
(CO5) 2

## SECTION B

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3. Answer any three of the following:-

- 3-a. Discuss the biotic and abiotic components of grassland ecosystem. (CO1) 5
- 3-b. Differentiate between conventional and non-conventional energy resources with suitable  
examples. (CO2) 5
- 3.c. Write short notes on extinction and endangered species . Give examples each (CO3) 5
- 3.d. Describe the different methods of solid waste disposal. (CO4) 5
- 3.e. Briefly discuss the salient features of Environmental protection act. (CO5) 5

## SECTION C

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4. Answer any one of the following:-

- 4-a. Explain pyramid of energy is always upright triangle.(CO1) 4
- 4-b. Discuss the impact of modern agriculture on the environment.(CO1) 4

5. Answer any one of the following:-

- 5-a. Discuss the limitations of solar energy and wind energy.(CO2) 4
- 5-b. How high fluoride concentration in ground water affect human life? (CO2) 4

6. Answer any one of the following:-

- 6-a. Discuss the advantages and disadvantages of In situ and Ex situ conservation method of biodiversity. (CO3) 4
- 6-b. Discuss the importance of biodiversity regarding direct and indirect values. (CO3) 4

7. Answer any one of the following:-

- 7-a. Write down the control measures of air and water pollution. (CO4) 4
- 7-b. Give some examples where the stone (Marble) work is corroded by acid. (CO4) 4

8. Answer any one of the following:-

- 8-a. Discuss the strategy adopted by Government of India for the development of women education. (CO5) 4
- 8-b. What is EIA ?Explain the involve steps in environmental impact assessment. (CO5) 4