

ENVIRONMENTAL EDUCATION**(Two hours)***Answers to this Paper must be written on the paper provided separately.**You will **not** be allowed to write during the first 15 minutes.**This time is to be spent in reading the question paper.**The time given at the head of this Paper is the time allowed for writing the answers.*

*Attempt **all** questions from **Section A** and **any four** questions from **Section B**.**The intended marks for questions or parts of questions are given in brackets [].*

SECTION A (40 Marks)*Attempt **all** questions from this Section***Question 1**

- (a) What is Biopiracy? [2]
- (b) State any *two* advantages of Mangroves. [2]
- (c) Mention any *two* ways by which social forestry is useful to us. [2]
- (d) Mention any *two* methods of disposing solid waste. [2]
- (e) List any *two* effects associated with adulterated food. [2]

Question 2

- (a) List any *two* indigenous methods of soil conservation. [2]
- (b) What is the aim of the Silent Valley Movement? [2]
- (c) What is a semi arid ecosystem? [2]
- (d) What are endangered species? [2]
- (e) Mention *two* aims of the Ganga Action Plan. [2]

Question 3

- (a) Which gas is the main constituent of biogas? Give *one* advantage of using this gas. [2]
- (b) Mention any *two* effects of El Nino. [2]
- (c) Mention any *two* sources of water pollution. [2]

This paper consists of 3 printed pages 1 blank page.

- (d) What is farmyard manure? [2]
- (e) What are percolation pits? [2]

Question 4

- (a) State *one* advantage and one disadvantage of captive breeding. [2]
- (b) Mention any *two* effects of Ozone depletion. [2]
- (c) How do forests maintain climate stability? [2]
- (d) What is biomass? [2]
- (e) Mention any *two* methods of biological pest control. [2]

SECTION B (40 Marks)

Attempt any four questions from this Section

Question 5

- (a) Discuss any *two* methods of rainwater harvesting. [4]
- (b) Explain any *three* causes and *three* consequences of eutrophication. [6]

Question 6

- (a) Define *ecotourism*. Why should the government encourage ecotourism? [4]
- (b) Write short notes on:
 - (i) The effects of Biomagnification
 - (ii) Joint Forest Management [6]

Question 7

- (a) Write briefly on any *two* methods, which can be applied to resolve the energy crisis in both, rural and urban India. [4]
- (b) What is meant by offshore drilling? Mention the environmental effects of offshore drilling. [6]

Question 8

- (a) What is the relevance of the practices of the Warli tribe in today's world? [4]



- (b) 'Sukhomajri is a successful model of community participation for ecological restoration.'

Give a brief background of the problems faced by the people of Sukhomajri and the steps taken by the community for ecological restoration.

[6]

Question 9

- (a) What was *Beej Bachao Andolan*? Explain. [4]
- (b) Discuss the reasons for encouraging sustainable use of resources? [6]

Question 10

- (a) *Oil spills have an adverse impact on marine life*. Explain. [4]
- (b) Write briefly about the various rights of the consumer under the Consumer Protection Act? [6]