



**RABINDRA BHARATI UNIVERSITY  
CENTRE FOR DISTANCE AND ONLINE EDUCATION  
ASSIGNMENT FOR INTERNAL ASSESSMENT  
ENVIRONMENTAL STUDIES  
[SEMESTER I, 2023-2024 (CBCS mode)]  
M.A. SEMESTER I EXAMINATION 2023**

**Instructions regarding Internal Assessment preparation and submission:**

- i. All answers should be **hand written**;
- ii. **Internal assessment should be arranged as follows:**
  - a. Cover page (to be downloaded from website);
  - b. Copy of ID card;
  - c. Question paper
  - d. Contents
  - e. Answer of any *one* question for **each** of Courses C.C. 1.1 – 1.5
  - f. **IAs to be submitted to respective LSCs on or before date specified at the university website.**

**No IA submission will be accepted after the specified date.**



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**C.C. 1.1: Society, Development and Ecology**

**Q1. Answer any one from the following:** (1 × 10 = 10)

- Describe the different stages of ecological succession with suitable example. [10]
- Define food chain. Explain the types of food chain. Briefly discuss food web with suitable examples. [2+4+4]
- Briefly discuss any energy flow model of an ecosystem. [10]

**C.C. 1.2: Environmental Pollutions I**

**Q2. Answer any one from the following:** (1 × 10 = 10)

- What is acid rain? What are its adverse effects? Describe the basic chemical reactions of acid rain with equations. [2+3+5]
- What are the advantages of rainwater harvesting? Name the various components of roof top rainwater harvesting system. [4+6]
- Discuss the physicochemical characteristics of water. "Water is a universal solvent" – Explain. [6+4]

**C.C. 1.3: Natural Resources and Environment**

**Q3. Answer any one from the following:** (1 × 10 = 10)

- Briefly discuss the major five food groups. State the climatic conditions required for paddy cultivation. [5+5]
- What are the applications of solar energy? State the advantages and disadvantages of solar energy. [5+5]
- Write short notes on: i. Photovoltaics ii. Biogas [5+5]

**C.C. 1.4: Environmental Politics**

**Q4. Answer any one from the following:** (1 × 10 = 10)

- Discuss critically the role of developing countries in finalising the Framework Convention on Climate Change. [10]
- Write short notes on: (a) Environmental diplomacy; (b) West Phalian system [5+5]
- Give an account of the developments on different environmental issues in UN conference held in Rio de Janeiro, 1992. [10]

**C.C. 1.5: Environmental Policies, Laws and Regulations**

**Q5. Answer any one from the following:** (1 × 10 = 10)

- Write a brief note on The Environment (Protection) Act, 1986. [10]
- Highlight the main objectives of the National Environmental Policy of 2006. What were its major provisions and in what ways those have been implemented in the country? [6+4]
- Write short notes on: i. Responsibilities of the State Pollution Control Board ii. National Green Tribunal. [5+5]