



**RABINDRA BHARATI UNIVERSITY
CENTRE FOR DISTANCE AND ONLINE EDUCATION
ASSIGNMENT FOR INTERNAL ASSESSMENT
ENVIRONMENTAL STUDIES
[SEMESTER II, 2021-2022 (CBCS mode)]
M.A. SEMESTER II EXAMINATION 2022**

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. 2.1 – 2.5**



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C.C. 2.1: Wetland, marine, hill ecology and environmental forestry

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

- a. What are the major features of Ramsar Convention? Discuss wetland management in India. [5+5]
- b. Write a short note on (a) Forest Community (b) Ecological Succession [5+5]
- c. Briefly discuss 'Joint Forest Management' in India. [10]

C.C. 2.2: Environmental Pollutions II

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

- a. Discuss different strategies for remedying marine pollution. [10]
- b. What are the causes, effects and preventive measures of thermal pollution? [10]
- c. What are the inorganic components of soil? Write a short note on distribution of soil organic matter. [5+5]

C.C. 2.3: Environmental Geology and Remote Sensing

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

- a. Why is it necessary to understand sea-floor spreading and paleomagnetism to study the Continental Drift Theory? [10]
- b. Describe the important physical properties of minerals. Enlist the identifying characteristics of the following minerals: Calcite, Hematite, Galena, Quartz. [2+8]
- c. Briefly discuss the applications of RS and GIS in environmental management. [10]

C.C. 2.4: Practical in Environmental Studies

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

- a. How would you estimate the Na & K value of a water sample using flame photometer? [10]
- b. Determine the TDS and TSS of a given water sample. [10]
- c. What is the principle of soil pH measurement? What is the importance of soil electrical conductivity and how it is estimated? [5+5]

C.C. 2.5: Environmental Economics and Statistics

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

- a. Discuss the different types of EKC's for analysing environmental issues. [10]
- b. Briefly state some of the official policies for environmental protection as adopted by GoI? [10]
- c. Differentiate between a bar graph and a histogram. Describe the different types of bar graph. [4+6]