



**RABINDRA BHARATI UNIVERSITY
CENTRE FOR DISTANCE AND ONLINE EDUCATION
ASSIGNMENT FOR INTERNAL ASSESSMENT
ENVIRONMENTAL STUDIES
[SEMESTER III, 2021-2022 (CBCS mode)]
M.A. SEMESTER III 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
- iii. Answer any *one* question for each of **Courses C.C. 3.1 – 3.3 and C.E.C 3.1 – 3.2.**



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C.C. 3.1: Sustainable Development

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

- a. Briefly discuss the indicators of sustainable development. [10]
- b. What do you mean by reclamation of wastelands? Explain the objectives of wasteland reclamation. [5+5=10]
- c. Describe different aspects of National Parks, Sanctuaries and Biosphere Reserves with suitable Indian examples. [10]

C.C. 3.2: Hydrology and Water Resources

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

- a. What is rainwater harvesting? What are the advantages of rainwater harvesting? Name the various components of roof top rainwater harvesting system. [2+3+5=10]
- b. What are the sustainable Forest Policies in India? Discuss about 'Indian National Forest Policies', their salient features, their role in Forest Conservation. [3+7=10]
- c. Explain with diagram the detailed categorization of Coastal Regulation Zones (CRZ) and its regulation norms as specified in the CRZ Notification 2019. [10]

C.C. 3.3: Atmosphere and Global Climate Scenario

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

- a. Explain in brief Köppen Climatic Classification System with suitable example. [10]
- b. What are anti-cyclones? State the major differences between tropical and extra tropical cyclones? Discuss the stages of a tropical cyclone formation. [2+4+4=10]
- c. How can coral reefs serve as a record of climate change? What are the impacts of climate change on coral reef ecosystem? [5+5=10]

C.E.C. 3.1: Environmental Management I

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

- a. Briefly discuss the impacts of population on global warming and climate change. [10]
- b. Discuss the National Mineral Policy of India with reference to the mining sector. Why is ferric minerals important in Indian economic growth? [5+5=10]
- c. Write short notes on: [5+5=10]
(i) Forest laws in relation to tribal land conflict; (ii) Vector borne diseases.

C.E.C. 3.2: Environmental Management II

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

- a. What is Environmental Impact Statement (EIS)? What amendments have been introduced in the new draft EIA Notification 2020? [5+5=10]
- b. Describe the procedure for an environmental audit. Explain how an environmental audit is different from financial audit? [5+5=10]
- c. What is Environmental Management Plan (EMP)? Why EMP is required? What are the objectives of EMP? [2+3+5=10]