RABINDRA BHARATI UNIVERSITY
CENTRE FOR DISTANCE AND ONLINE EDUCATION
ASSIGNMENT FOR INTERNAL ASSESSMENT
ENVIRONMENTAL STUDIES
[SEMESTER II, 2022-2023 (CBCS mode)]
M.A. SEMESTER II 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. 2.1 – 2.5**

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

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

a. State the causes of urbanization in India. Briefly discuss the impacts of urbanization. [5+5]
b. Write down the importance of coral reefs. Mention the threats faced by coral reefs. What is coral bleaching? [3+5+2]
c. Write short notes on: (i) Forest types of India; (ii) Sacred groves. [5+5]

C.C. 2.2: Environmental Pollutions II

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

a. What is visual pollution? Enlist the causes of visual pollution. What are the effects of such pollution? How can this pollution be prevented? [2+4+2+2]
b. Briefly discuss the methods practiced for disposal of industrial solid wastes. [10]
c. Write short notes on: (i) Applications of important industrial wastes; (ii) Control of Soil Pollution.
[5+5]

C.C. 2.3: Environmental Geology and Remote Sensing

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

a. Describe the different landforms produced by mountain glaciers with supporting diagrams. [10]
b. Describe the erosional features produced by glaciers. [10]
c. Write a short note on: (i) Tropical cyclone; (ii) GIS in environmental management. [5+5]

C.C. 2.4: Practical in Environmental Studies

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

a. What is chromatography? Discuss different types of chromatography in brief. [2+8]
b. What is Biochemical Oxygen Demand (BOD)? How is the BOD of a water sample determined? Why is dilution needed for the estimation of BOD? [2+6+2]
c. Write a short note on principle and inferences of: (i) Gram Staining; (ii) Soil pH. [5+5]

C.C. 2.5: Environmental Economics and Statistics

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

a. What are the characteristics of public goods? Explain the Polluter Pays Principle. State the merits and demerits of Pigovian Taxation. [2+3+5]
b. State the features of underdevelopment. Briefly discuss the common characteristics of underdeveloped countries. [2+8]
c. Write a short note on: (i) Coase Theorem; (ii) Frequency polygon and ogives. [5+5]