7. Write short notes on any **three** of the following :

(a) Environmental Damage

(b) Tradable Allowance System

(c) Pigouvian Tax

(d) IPAT Identity (6×3=18)

[This question paper contains 4 printed pages.]

Your Roll No..............

Sr. No. of Question Paper : 6150 **J**

Unique Paper Code : 2922103603

Name of the Paper : Environmental Economics

Name of the Course : **B.A. (Hons) Business Economics (NEP)**

Semester : VI

Duration : 3 Hours Maximum Marks : 90

<u>Instructions for Candidates</u>

1. Write your Roll No. on the top immediately on receipt of this question paper.

2. Attempt any **FIVE** questions.

3. Illustrate your answer with suitable diagrams, wherever required.

1. (a) Explain the major objectives of Environmental Economics. Discuss the Materials Balance Model that illustrates the interaction between economic activity and the natural environment. (9)

   (b) Briefly explain the concept of Sustainable Development as a global objective. (9)

2. (a) What are the causes of ozone depletion? Discuss the global initiatives and agreements aimed at reducing greenhouse gas emissions. (9)

   (b) How can public goods markets be modelled as a form of market failure? (9)

3. (a) Explain the Environmental Kuznets Curve (EKC). Discuss the three major perspectives on its shape and interpretation. (9)

   (b) What are the three types of environmental standards? Evaluate whether these standards are allocatively efficient ? (9)

4. The Coase Theorem suggests that under certain conditions, the allocation of property rights can lead to bargaining among affected parties and result in an efficient outcome. Explain the theorem and its implications for environmental policy. (18)

5. (a) What are the three basic types of standards used in environmental control policy? How does the Command-and-Control approach function as a widely adopted strategy to curb pollution? (9)

   (b) Explain the role of deposit-refund systems as a market-based policy instrument for pollution control. (9)

6. What are the major issues associated with climate change? Discuss various international agreements designed to address these challenges. (18)