

5608

- (b) Households and firms are the main decision-makers in the economy. Describe how their choices contribute to environmental damage. 9

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[This question paper contains 4 printed pages]

**Your Roll No.** : .....

**Sl. No. of Q. Paper** : **5608** **I**

Unique Paper Code : 2924000024

Name of the Paper : Environmental  
Economics and  
Climate Change

Name of the Course : **B.A (H) Business  
Economics (GE)**

Semester : II/IV/VI/VIII

**Time : 3 Hours** **Maximum Marks : 90**

**Instructions for Candidates :**

- (a) Write your Roll No. on the top immediately on receipt of this question paper.
- (b) Attempt **all** parts of a particular question together.
- (c) Attempt any **five** questions. **All** questions carry equal marks.

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

6×3=18

- (a) Role of Environmental Economics
- (b) Environment Daly Curve hypothesis

P.T.O.

- (c) Effect of climate change on Food Security in India
- (d) India's climate policy (NAPCC)
- 2.** (a) Recycling is often promoted as a solution to environmental problems. Using the materials balance model, explain why recycling is only a temporary measure. 9
- (b) Critically assess the usefulness of the Environmental Kuznets Curve as a framework for understanding the relationship between economic growth and environmental quality. 9
- 3.** "Economic growth is both a cause and solution to environmental degradation." Critically evaluate using suitable examples. Explain why achieving zero pollution is neither feasible nor desirable from an economic standpoint.  
12+6=18
- 4.** Discuss the economic and social costs of climate change with special reference to a developing or emerging economy. What sectors are most vulnerable to climate-related risks? Explain how low-carbon development strategies can simultaneously address environmental and economic objectives. 18

- 5.** (a) Critically evaluate the effectiveness of international climate agreements (Kyoto Protocol, Paris Agreement) in addressing global emissions. 9
- (b) Discuss the institutional structure and functioning of the IPCC. 9
- 6.** Discuss the concept of climate change and global warming. Explain the greenhouse effect, its natural function, and how human activities have intensified it. Describe the key provisions of the Kyoto Protocol and critically evaluate the challenges involved in achieving international cooperation to address climate change. 18
- 7.** (a) What is the problem of ozone depletion? Explain the scientific basis of ozone depletion, identify the major chemical substances responsible for it, and describe the international policy response through the Montreal Protocol and its subsequent amendments. 9