

- (b) Evaluate the impact of renewable energy and green technologies on long-term economic growth and environmental conservation. (9)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4713 J

Unique Paper Code : 2924000024

Name of the Paper : Environmental Economics and Climate Change

Name of the Course : **B.A. (Hons.) Business Economics (BBE), UGCF-GÈ**

Semester : IV/VI

Duration : 3 Hours Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. This paper contains 7 questions.
3. Attempt any 5 questions.
4. Answers may be written either in English or Hindi, but the same medium should be used throughout the paper.

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1. Write Short Notes on the following (any three):
 - i) Concept of a adaptation and mitigation in the context of Climate change
 - ii) Anthropogenic reasons of climate change
 - iii) Objectives and submission of India's National Action plan on Climate Change (NAPCC).
 - iv) Global warming and climate change

(6×3=18)
2. State the relationship between the "Circular Flow Model" and "Materials Balance Model". Assume a case of a state X which is heavily polluted and therefore damaging the environment. What agenda the state will set to address the issue? (18)
3. Analyse Kuznets, Brundtland, and Environment Daly Curve. How these three theories are different? In the light of these theories discuss the relationship between economic growth and environment degradation. (18)

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4. Analyse the major reasons for environmental degradation, including population growth, technological advancement, and GDP growth. How do these factors impact the balance between environment and economic growth? (18)
5. What are the major drivers of climate change? Discuss the global impacts of climate change, including global warming, ozone depletion, and biodiversity loss. (18)
6. Evaluate the effects of climate change on India's agriculture, biodiversity, coastal vulnerability, rural livelihoods, and food security. Suggest possible mitigation strategies. (18)
7. (a) Examine how industrialization and urbanization have influenced economic growth and environmental degradation. Suggest possible mitigation strategies. (9)

P.T.O.