

**M.Sc. (Final) Examination, 2001**  
**ENVIRONMENTAL SCIENCES**  
**Paper II**  
**(Natural Hazards, Global Environmental Changes**  
**And Impact Assessment)**

Time: Three Hours  
Maximum Marks: 100

*Attempt **four** questions in all, selecting  
at least **two** questions from each section.  
All questions carry equal marks.*

**SECTION A**

1. Describe the gases both Natural and Anthropogenic which absorb and re-emit infra-red radiations.
2. What is warming in nature? Discuss the causes and consequences of global warming.
3. Describe the status of pollution threat to Taj-Mahal and Ganges Water.
4. Write brief account of
  - (A) Ozone depletion and its impact on living beings.
  - (B) Differences between famine and desertification.

**SECTION B**

5. Describe the methods used in the assessment of Noise and Air pollutions. Provide some details about the permissible limits of hydro-carbons emitted by motor vehicles (Cars and Scooters).
6. Write an essay on the economics of biological environment.
7. What are the possible factors causing soil degradations in Agriculture? Discuss the various measures to curb such effects.
8. Short notes on
  - (A) Cultural environment.
  - (B) Problems associated with modern agriculture.