

**M. Sc. (Final) Examination, 2001**

**BOTANY**

**Paper-IV (G)**

**(Pollution Biology)**

Time—Three Hours  
Maximum Marks—100

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

**SECTION A**

1. Describe the nature, causes and effects of air pollution.
2. What is green-house effect? Describe its impact on global environment.
3. What are sources of water contamination? What steps would you take to control it?
4. Write short notes on the following
  - (i) Drinking water-borne disease.
  - (ii) Organo-chemicals and Agro-chemicals.
5. Describe Air and Water Pollution Control Act.

**SECTION B**

6. Solid waste disposal is a serious problem. How Vermitechnology can solve this problem?
7. What is noise pollution? What are its effects on man? Describe legal measure to control it.
8. Write an essay on environmental pollution and role of judiciary in India.
9. Write short notes on the following:
  - (i) Population's role in environmental degradation.
  - (ii) Marine Pollution.