

  
**Final Year Examination of the  
Three -Year Degree Course, 2001  
(Faculty of Science)  
ENVIRONMENTAL BIOLOGY  
(Pollution Ecology)  
Paper-II**

Time : 3 Hours

Maximum Marks : 50

The candidates are requested to attempt **FIVE** questions in all taking  
at least **ONE** question from each unit.

All questions carry equal marks.

**UNIT-I**

1. What is green house effect? Describe causes and consequences of green house effect on our environment. 10
2. Write brief notes on the following: 5+5  
(A) Air Quality Standards  
(B) SO<sub>2</sub> pollution -its source and effects on environment.

**UNIT-II**

3. Describe physical and biological parameters used in assessment of air-pollution in the environment. 10
4. Identify major problems of environmental pollution in Rajasthan and discuss possible measures to combat them. 10

**UNIT-III**

5. Describe a case study of water polluting industry of your area and suggest methods to solve this problem. 10
6. What is Safe drinking water? What are different parameters which determine quality of drinking water? Describe different methods used for treatment of water to make it Safe for drinking. 10

#### UNIT-IV

7. Write brief notes on the source and control of following factors contributing in land pollution:- 2.5+2.5+2.5+2.5

- (A) Herbicides.
- (B) Pesticides
- (C) Mining Wastes.
- (D) Chemical Fertilizers.

8. What is difference between ionising and non-ionising radiations? Describe their role in environmental pollution with special reference to their effects on human beings 10

#### UNIT-V

9. Write short notes on the following : 5+5

- (A) Sources of Oil-Spills and modern methods for their management.
- (B) Noise pollution and human health.

10. Describe different sources of thermal pollution contributing to environmental hazards. Suggest methods for control of thermal pollution. 10