

**M.Sc. DEGREE I SEMESTER EXAMINATION IN
ENVIRONMENTAL TECHNOLOGY
JANUARY 2003**

ENVIRONMENTAL BIOLOGY

Time : 3 Hours

Maximum Marks: 50

I. Answer ANY SIX questions:-

(6 x 2 = 12)

1. What are secondary pollutants?
2. Define Integrated Pest Management
3. Ionising radiations.
4. Exponential growth of population.
5. Fossil fuels.
6. Global warming.
7. Niche.
8. Water cycle.

II. Answer ANY SIX questions:-

(6 x 3 = 18)

1. Biological significance of nitrogen cycle.
2. Environmental waste disposal.
3. Biodiversity conservation.
4. Biotic community.
5. Carrying capacity.
6. Cost benefit analysis of ecological processes.
7. Importance of environmental education.
8. Biota of estuaries.

III. Answer ANY TWO questions:-

(2 x 5 = 10)

1. Give an account on the legal aspects of control of environmental pollution.
2. Importance and need for conservation of mangrove ecosystem.
3. Major categories of ground water pollution and methods of purification.

(Turn Over)

IV. Answer ANY ONE question:-

(1 x 10 = 10)

- 1. Give a brief account on the effects of over exploitation of biological resources.**
- 2. Impact of pesticide application on human welfare.**
- 3. Need for updating environmental laws.**
