

**ENVIRONMENTAL AND ROAD SAFETY AWARENESS**

**Paper-C**

(Common for B.Sc. Industrial Microbiology and B.Sc. Bio-Tech. and  
B.Sc. Bio-Infomatics Semester-IV)

**Time Allowed : Three Hours**

**Maximum Marks : 70**

**SECTION-A**

**Note :** Do any two questions. All questions will carry equal marks.

- I. What is the role of an individual in conservation of natural resources ?
- II. Define Biosphere. Discuss each sphere with suitable examples and explanation.
- III. What do you mean by threats to biodiversity ? What are its hierarchical levels ?
- IV. Write in detail mineral resources in India, their uses and harmful effect of their over exploitation. (10×2=20)

**SECTION-B**

**Note :** Do any two questions. All questions will carry equal marks.

- V. What is the concept behind road safety education to public ?
- VI. (a) Define Soil pollution and Marine pollution by giving one example of each.  
(b) What are the causes of Water pollution ?
- VII. What do you mean by Disaster management ? What are safety measures governments take for helping people during any natural disaster ?
- VIII. What are the causes, effects and control measures of Soil and Water pollution ? (10×2=20)

**SECTION-C**

**IX.** All questions are compulsory and carry equal marks.

- (a) Define Natural Resources with example.
- (b) What is Rain water harvesting ?
- (c) What is Ecosystem ?
- (d) How an individual is responsible for causing Soil pollution ?
- (e) What is Disaster management ?
- (f) What do you mean by Marine pollution ?
- (g) Name the factors responsible for Air pollution.
- (h) Differentiate between Endangered and Endemic species.
- (i) Name nuclear hazards and their control measures in brief.
- (j) Illustrate the concept of Road safety awareness in India.
- (k) How a person can obtain Driving Licence ?
- (l) What is the role of First-aid in road accident to save a life ?
- (m) Define Environmental Protection Act.
- (n) Name the major Hot Spots of Biodiversity in India.
- (o) What is Sustainable development ? (2×15=30)