

**1059**

**B. Voc. (Food Processing and Preservation)**  
**Fourth Semester**  
**GC-401: Environment Studies**  
**(Common to all B. Voc.)**

**Time allowed: 3 Hours**

**Max. Marks: 80**

**NOTE:** Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Answer the following:-

- a) Write a short note on lithosphere
- b) Write difference between renewable and non-renewable resources
- c) Define briefly the concept of ecology
- d) Define hotspots
- e) Define air pollution
- f) Discuss global warming
- g) Primary pollutant
- h) Describe the concept of global warming (8x2)

**UNIT – I**

- II. Discuss the concept of biosphere. Describe the types of ecosystems (16)
- III. What are natural resources? Discuss their types, importance and conservation? (16)

**UNIT – II**

- IV. Discuss concept of sustainable development? What is the importance of national parks? (16)
- V. a) What is the importance of biosphere reserves and wildlife sanctuaries in preservation of biodiversity?  
b) Describe briefly concept of national parks. (10,6)

**UNIT – III**

- VI. What are natural and anthropogenic sources of pollution? Discuss the sources of marine pollution. (16)
- VII. a) Discuss the source and consequence of radioactive and thermal pollution.  
b) Describe the concept of acid rain and its impacts. (10,6)

**UNIT – IV**

- VIII. a) Explain with example the reasons and impact of ozone depletion.  
b) Discuss briefly environmental conservation strategies and projects in India?(2x8)
- IX. a) Describe in detail the Ganga action plan and Yamuna action plan.  
b) Discuss environmental laws in India and their importance. (10,6)

x-x-x