

B.Sc. (Part-II) (CBCS Pattern) Semester-IV  
**USENVT08 - Environmental Science Paper-II - Forest & Wildlife**

P. Pages : 2

Time : Three Hours



**GUG/S/25/12009**

Max. Marks : 50

- 
- Notes : 1. All questions are compulsory and carry equal marks.  
2. Illustrate the answers with suitable diagrams and examples.

1. Discuss methods of forest measurements. 10

**OR**

a) Explain types and causes of forest fires. 5

b) Describe forest as an ecosystem. 5

2. Explain nursery techniques w. r. t. nursery layout and vermicompost preparation. 10

**OR**

a) Discuss National Forest Policy of India. 5

b) Explain Forest (Conservation) Act, 1980. 5

3. Discuss the causes of wildlife destruction. 10

**OR**

a) Explain Wildlife (Protection) Act, 1972. 5

b) Describe categories of threatened species of wildlife. 5

4. Explain the role of international NGOs in environmental protection. 10

**OR**

a) Describe role of people's participation at national and grass root level. 5

b) Write about Centre for Science and Environment. 5

5. Answer in brief **any ten**. 10

a) Define forest science.

b) Explain the effects of air pollution on forest.

c) What is remote sensing?

d) Briefly explain silviculture.

- e) Give general concept of tree improvement.
- f) In which month Van Mohotsav is celebrated?
- g) Define wildlife.
- h) Give example of endangered animals in India.
- i) Explain in-situ conservation.
- j) Write full form of UNESCO.
- k) Give examples of NTFP.
- 1) Who is known as water man of India?

\*\*\*\*\*