



# CBCS SCHEME

21CV654

## Sixth Semester B.E. Degree Examination, June/July 2024 Conservation of Natural Resources

Time: 3 hrs.

Max. Marks: 100

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*

### Module-1

- 1 a. How do you understand the "Land as a Resource"? Explain different types of lands. (10 Marks)  
b. Define conservation of lands. Discuss various methods in detail. (10 Marks)

OR

- 2 a. What is soil health? Explain ecological and economic importance of soil health. (10 Marks)  
b. Explain the principles of sustainable land management. (10 Marks)

### Module-2

- 3 a. Explain briefly Global Water Resources and Indian Water Resources. (10 Marks)  
b. Discuss about Himalayan and Peninsular components of National River Linking Project (NRLP). (10 Marks)

OR

- 4 a. Evaluate the advantages and limitations of inter linking of rivers in our country. (10 Marks)  
b. What is sea water ingress? Explain its effects and preventive measures. (10 Marks)

### Module-3

- 5 a. Define air pollution. Explain sources and classification of air pollutants. (10 Marks)  
b. Explain effects of air pollution on human health and economy of country. (10 Marks)

OR

- 6 a. Explain the various air pollution control equipment. (08 Marks)  
b. Explain briefly about National Ambient Air Quality Standards (NAAQS). (06 Marks)  
c. Describe causes and impact of air pollution on Ozone layer. (06 Marks)

### Module-4

- 7 a. What you mean by Bio-diversity? Explain its importance. (10 Marks)  
b. Briefly explain factors responsible for causing threats to biodiversity. (10 Marks)

OR

- 8 a. Explain different methods of conservation of biodiversity. (10 Marks)  
b. Write short notes on:  
(i) Biotic and Abiotic Components (10 Marks)  
(ii) Lotic and Lentic Components

### Module-5

- 9 a. Define Global Warming. Discuss its causes and effects. (10 Marks)  
b. How does Global Climate change affect the biodiversity? (10 Marks)

OR

- 10 a. What is the purpose of EIA? Explain stages involved in EIA. (10 Marks)  
b. Explain Environmental Clearance. List the projects which are require Environmental Clearance in India. (10 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.