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CBCS SCHEME

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BCV755B

# Seventh Semester B.E./B.Tech. Degree Examination, June/July 2026
## Conservation of Natural Resources

Time: 3 hrs. Max. Marks: 100

***Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.***
***2. M : Marks , L: Bloom's level , C: Course outcomes.***

| | | Module – 1 | M | L | C |
|---|---|---|---|---|---|
| Q.1 | a. | Define Conservation of lands. Explain different types of land. | 10 | L2 | CO1 |
| | b. | Discuss the ecological and economic importance of soil. | 10 | L2 | CO1 |
| | | **OR** | | | |
| Q.2 | a. | Explain the impact of soil degradation on agriculture and food security. | 10 | L2 | CO1 |
| | b. | Enumerate the principles for sustainable land use planning. | 10 | L2 | CO1 |
| | | **Module – 2** | | | |
| Q.3 | a. | Discuss briefly about water deficit and water surplus basins of India. | 10 | L2 | CO2 |
| | b. | Explain briefly global water resource and Indian water resource. | 10 | L2 | CO2 |
| | | **OR** | | | |
| Q.4 | a. | Discuss about Himalayan and Peninsular component of National river linking project. | 10 | L2 | CO2 |
| | b. | What is sea water ingress? Explain brief the various problems and solution of it. | 10 | L2 | CO2 |
| | | **Module – 3** | | | |
| Q.5 | a. | Define Air pollution. Explain the source and classification of air pollutants. | 10 | L2 | CO3 |
| | b. | Explain effect of air pollution on human health and economy of country. | 10 | L2 | CO3 |
| | | **OR** | | | |
| Q.6 | a. | List the various air pollution control equipment. With a neat sketch, explain Filter bag house or Bag filter. | 10 | L2 | CO3 |
| | b. | Explain the cause and impact of Ozone depletion. | 10 | L2 | CO3 |
| | | **Module – 4** | | | |
| Q.7 | a. | What is Biodiversity? Explain the importance of Biodiversity. | 10 | L2 | CO4 |
| | b. | Discuss about the Ecological restoration for conservation of biodiversity. | 10 | L2 | CO4 |
| | | **OR** | | | |

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| **Q.8** | **a.** | Define Ecosystem. List and explain the different types of ecosystem. | **10** | **L2** | **CO4** |
| | **b.** | Briefly discuss :<br>i) Lentic and Lotic Ecosystem<br>ii) Biotic and Abiotic components. | **10** | **L2** | **CO4** |
| **Module – 5** | | | | | |
| **Q.9** | **a.** | What is meant by Global warming? Discuss its causes and effect. | **10** | **L2** | **CO5** |
| | **b.** | Briefly explain the impact of global warming in Biodiversity. | **10** | **L2** | **CO5** |
| **OR** | | | | | |
| **Q.10** | **a.** | Define EIA. Explain the importance and stages involved in EIA. | **10** | **L2** | **CO5** |
| | **b.** | Explain the importance of EIA in implementing project like thermal power plant. | **10** | **L2** | **CO5** |

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