

TUTOR MARKED ASSIGNMENT
MED-006: Natural Resource Management: Physical and Biotic

Course Code: MED -006
Assignment Code: MED -006/TMA/2025
Maximum Marks: 100

Note: * This assignment is based on the entire course.

* All questions are compulsory. Marks for the questions are shown within brackets on the right hand side.

* Please answer in your own words; do not copy from the course material.

1. (a) Explain various types of fertile soils in the Indian context. (5)
(b) Give a brief account of major rivers of India. (5)
2. (a) List the adverse effects of soil salinity and alkalinity. (5)
(b) Describe water resources and problems associated with them in the Indian scenario. (5)
3. (a) Discuss the importance of solar energy giving its advantages. (5)
(b) What is rock cycle? Briefly explain three types of rocks. (5)
4. (a) List various strategies which can be used to conserve water. (5)
(b) What is species richness? Briefly explain its various types. (5)
5. (a) Discuss important features of Tundra biome. (5)
(b) Describe various zones of a lake biome. (5)
6. (a) Explain cultural and religious values of biodiversity giving suitable examples. (5)
(b) Discuss the importance of biodiversity in providing plant and animal food. (5)
7. (a) How does biodiversity help in maintenance of soil, air and water quality? Explain. (5)
(b) Explain various factors causing habitat loss. (5)
8. (a) What are the causes of extinction of species? Discuss briefly. (5)
(b) What is species based approach of conserving biodiversity? Also give its disadvantages. (5)
9. (a) Discuss the main characteristics of biosphere reserves. (5)
(b) Explain the social and economic strategies of conserving biodiversity. (5)
10. (a) Define buffer zones. Discuss their importance in protecting biodiversity. (5)
(b) What is CITES? Give its important aspects. (5)