

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

Course Code: MED -006  
Assignment Code: MED -006/TMA/2026  
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.

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1. (a) Explain renewable and non-renewable resources giving suitable examples. (5)  
(b) Give a brief account of physiogeographic zones of India. (5)
2. (a) Distinguish between soil erosion and soil degradation. (5)  
(b) Describe various horizons of soil profile. (5)
3. (a) Discuss various types of fossil fuels. (5)  
(b) Why is biomass a versatile fuel? Briefly explain. (5)
4. (a) Discuss the causes and effects of deforestation. (5)  
(b) List various strategies of conservation of natural resources. (5)
5. (a) Discuss important features genetic diversity. (5)  
(b) Describe alpha richness and give its characteristics. (5)
6. (a) Describe the wildlife of the Trans-Himalayas zone giving suitable examples. (5)  
(b) List the five main communities of the coastal wildlife. (5)
7. (a) Give a brief account of the non-consumptive value of biodiversity. (5)  
(b) What is extractive use value of biodiversity? Also give its two types. (5)
8. (a) Explain wood as a product and its characteristics. (5)  
(b) Describe the medicine and drugs obtained from biodiversity giving suitable examples. (5)
9. (a) Discuss the over exploitation of resources. (5)  
(b) Explain the advantages and disadvantages of the habitat based resources. (5)
10. (a) Discuss the role and types of the economic incentives for conserving the biodiversity. (5)  
(b) What is Biosafety act? Give its important aspects. (5)