

**2023**  
**B.A./B.Sc.**  
**Fifth Semester**  
DISCIPLINE SPECIFIC ELECTIVE – 2  
**BOTANY**  
*Course Code: BOD 5.21*  
(Natural Resources Management)

*Total Mark: 70*  
*Time: 3 hours*

*Pass Mark: 28*

*Answer five questions, taking one from each unit.*

**UNIT-I**

1. What is a natural resource? Give an account on abiotic natural resources with example. 2+12=14
2. Enumerate the economic and ecological approaches of sustainable agriculture. 14

**UNIT-II**

3. Give an account in the threats and management strategies for rivers, lakes and watershed. 14
4. Describe the different causes of land degradation and the methods of prevention. 14

**UNIT-III**

5. Describe the importance of biodiversity. What are the causes of biodiversity erosion? 7+7=14
6. Write an account of national biodiversity action plan. 14

**UNIT-IV**

7. Describe the importance of forest and causes of depletion of forests. 7+7=14

8. Give an account on renewable energy. What are its advantages and disadvantages? 7+7=14

### UNIT-V

9. Discuss the role of EIA in environmental management. 14
10. Give an account of ecological footprint with reference to carbon footprint. 14
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