

2022
B.A./B.Sc.
Fifth Semester
DISCIPLINE SPECIFIC ELECTIVE – 2
BOTANY
Course Code: BOD 5.21
(Natural Resource Management)

Total Mark: 70

Pass Mark: 28

Time: 3 hours

Answer five questions, taking one from each unit.

UNIT-I

1. (a) Give an account on the different types of natural resources with example. 10
(b) Give an account on four sustainable farming methods. 4
2. Is jhum cultivation practice in Nagaland a prerequisite for sustaining local food security? Justify your answer with reasons. 14

UNIT-II

3. Give an account on the threats and management strategies for agricultural land and marine water resources. 7+7=14
4. Give an account on the various threats and management strategies to mitigate soil degradation. 7+7=14

UNIT-III

5. Define biodiversity. Discuss its threats and management strategies. 14
6. Write short notes on the following: 7×2=14
 - (a) Intellectual property rights
 - (b) Convention on biological diversity

UNIT-IV

7. Give a detailed account on depletion and management strategies of forests. 14
8. Differentiate between renewable and non-renewable energy. What are the advantages and disadvantages of using renewable energy? 4+10=14

UNIT-V

9. Discuss the role and importance of GIS in resource management. 14
 10. Give a detailed account on different types of wastes and its management. 14
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