

2021
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. Do you think jhum cultivation is a sustainable way of farming? Justify your answer with reasons. 14
2. Discuss four sustainable agriculture methods. How do these methods strive to help the environment? 4+10=14

UNIT-II

3. What are the various ways in which land resources can be used? Discuss the impact of soil degradation on land resources. 6+8=14
4. Why is water an important resource? Discuss various threats and management strategies of water resource. 4+10=14

UNIT-III

5. What are the various types of biological resources? Discuss its significance and its management strategies. 4+4+4=12
6. Is bioprospecting a boost or a threat for indigenous people? Justify your answer with reasons. 14

UNIT-IV

7. Give a detailed account on forest products. How do you distinguish between the two broad categories of forest products? 12+2=14
8. Give a brief account on ecological services provided by forests. Outline the forest cover of Nagaland according to IFSR 2019? 6+8=14

UNIT-V

9. What is ecological footprint? Describe it in detail with reference to the major component of the ecological footprint? 2+12=14
10. What is EIA? Discuss the flow of the process and state why it is important. 10+4=14
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