

B.Sc. Semester-V Examination, 2022-23**BOTANY [Honours]**

Course ID : 51316 Course Code : SH/BOT/503/DSE-1

Course Title : Natural Resource Management

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**

1. Answer any **five** of the following questions: $1 \times 5 = 5$
- What is a patent?
 - Define forest.
 - Write the definition of bioprospecting.
 - Why is land considered as a major resource?
 - Define wetland.
 - What is ecosystem service?
 - Write full form of UNEP.

UNIT-II

2. Answer any **two** of the following questions: $5 \times 2 = 10$
- What are the natural capitals? Mention the economic approaches for sustainable utilization of natural capitals. $2+3$
 - Write characters of equatorial evergreen forests and write its economic utilization. $2+3$
 - How can we get energy from water resources? 5
 - Answer in brief (any **two**): $2 \frac{1}{2} \times 2 = 5$
 - Aquifer
 - Ecological foot print
 - GIS in resource managements

UNIT-III

3. Answer any **one** of the following questions: $10 \times 1 = 10$
- Write short notes on any **two**: $5 \times 2 = 10$
 - Natural resource accounting
 - Waste management
 - Estuarine resources
 - Sea weeds as resources
 - Define biodiversity. Write the significance of biodiversity. What are the management strategies to conserve biodiversity? Distinguish between Red data book and Green data book. $2+2+4+2=10$