

B.Sc. Semester-II Examination, 2022-23**ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 21812 Course Code : SH/ENV/202/C-4

Course Title : Land and Soil Conservation and 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:

1×5=5

- What is soil conservation?
- What is the importance of soil fertility?
- What are the main factors for soil acidity?
- What are the components of soil humus?
- What is the importance of soil nutrients?
- Define Desertification.
- Define Salinization.
- What is soil resistance?

UNIT-II2. Answer any **two** of the following questions: 5×2=10

- What are the costs of land degradation?
- What is habitat loss? What is the loss of biodiversity? 2+3
- Write note on soil temperature and soil colloids.
- Explain on soil texture and soil water holding capacity. $2\frac{1}{2}+2\frac{1}{2}$

UNIT-III3. Answer any **one** of the following questions: 10×1=10

- Explain on formation and classification of soil. 3+7
- What is soil degradation? Discuss the causes of soil degradation. 2+8
