

B.Sc. 2nd Semester (Honours) Examination, 2021-22

ENVIRONMENTAL SCIENCE

Course ID: 21812

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

Course Title: Land and Soil Conservation and Management

Time: 1 hr 15 min.

Full Marks: 25

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

1. Answer any five questions from the followings: 1 X 5= 5

- a) What is the main element for soil health?
- b) What is the importance of soil moisture?
- c) Define soil acidity.
- d) What is humus?
- e) What is soil nutrient?
- f) What are the main causes of desertification?
- g) Define salinization.
- h) Mention the importance of land policy?

2. Answer any two questions from the followings: 5 X 2= 10

- a) What is the ecological and economic importance of soil?
- b) Why land is a resource? What is impact of soil loss?
- c) What are the impacts of soil loss and degradation?
- d) Explain integrating land degradation assessment into conservation.

3. Answer any one question from the followings: 10 X 1= 10

- a) Explain the need for soil conservation and restoration of soil fertility.
- b) Discuss the development of soil profile. What is the importance of soil profile? 4+6