

B.Sc. Semester-V Examination, 2022-23**ENVIRONMENTAL SCIENCE [Programme]**

Course ID : 51810 Course Code : SP/ENV/504/SEC-3

Course Title : Soil Conservation, Management and Ecotourism

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.*1. Answer any **five** of the following questions:

1×5=5

- a) What is the importance soil organic matter?
- b) What are colloids?
- c) Define humus?
- d) What is the role of ecotourism in economy?
- e) What is pedology?
- f) What is soil resistance?
- g) What are the environmental importances of land degradation?
- h) What is soil architecture?

2. Answer any **two** of the following questions:

5×2=10

- a) What is the importance of soil profile?
- b) Write down the concept of soil fertility.
- c) Write on classification of soil.
- d) What are chemical properties of soil?

3. Answer any **one** of the following questions:

10×1=10

- a) Discuss on the role of data analysis in land use planning and participatory land degradation assessment. 5+5
- b) What is the acidity and alkalinity of soil? What is the concept of soil holding capacity? 6+4