

**U.G. 6th Semester Examination - 2021**

**GEOGRAPHY**

**[PROGRAMME]**

**Skill Enhancement Course (SEC)**

**Course Code : GEO-G-SEC-P-04A**

**(Collection, Mapping and Interpretation of  
Pedological Data)**

**[NEW SYLLABUS under CBCS]**

**[PRACTICAL]**

Full Marks : 40

Time : 4 Hours

*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 **two** questions from the following:

15×2=30

- a) Give the concept of ternary diagram. How do you use a ternary diagram to read the soil texture? 5+10=15
- b) What are the procedures of soil sample collection? Describe the steps of processing and storage of a soil sample. 5+10=15

- c) Define soil pH. Discuss the role of soil pH and organic matter in plant growth.

5+10=15

- d) Bring out the significances of soil mapping. State the procedure of estimation of NPK availability using soil kit. 5+10=15

2. Laboratory Notebook and viva voce. 5+5=10

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