

OLLSCOIL na hÉIREANN, GAILLIMH
THE NATIONAL UNIVERSITY of IRELAND, GALWAY

SEMESTER I EXAMINATIONS, 2000-2001

B.A. DEGREE EXAMINATION

GEOGRAPHY

TA369 Soil Geography

Weight 1: 2.5 ECTS

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Time allowed: 1.5 hours

Use a separate answer book for this Paper

Answer two questions

1. List the main factors governing soil development. In the case of 3 zonal soils **and** 1 azonal soil explain their formation, development and geographical distribution.
2. Write notes on soil texture, soil structure and soil moisture in relation to climate and geology. Illustrate how peat and mineral soils differ in the above properties and mention their significance.
3. Discuss the fertility of soils in relation to weathering, parent material and organic matter using 3 important soils in the world.
4. Write a geographical essay on the soils of Ireland with reference to their origin, formation processes, and classification and nature.
5. Write an essay on the influence of human activities on soils with reference to the classification of anthrosols, soil modification by agriculture, constructed soils, soil degradation and soil pollution.