

OLLSCOIL na hÉIREANN, GAILLIMH
NATIONAL UNIVERSITY OF IRELAND, GALWAY

SEMESTER 2 EXAMINATIONS, 2000-2001

SECOND UNIVERSITY EXAMINATION IN ARTS

GEOGRAPHY

TI 220 Soils and Biogeography

Weight: 5 ECTS

Professor R. A. Dodgshon
Dr O. Mc Cann
Professor U. Strohmayer

Time allowed: 3 hours

Answer **FOUR** questions. **Two** from SECTION A and **two** from SECTION B

SECTION A

1. Discuss Zonal Soils with particular reference to:

Either

(a) Soils of the Mediterranean regions.

Or

(b) Soils of tropical regions.

2. Write an account of halomorphic soils.
3. Soils of differing regions have different characteristics and different inputs. Discuss how soils can help to infer a past climate. Illustrate your answer.
4. Discuss the processes which control soil profile development.

SECTION B

5. Discuss how communities have come into being, taking into account specific requirements, competition and inhibition.
6. Discuss the bioclimatic regions of:
Either
(a) Mediterranean and temperate forest biomes.
Or
(b) Arid and tropical biomes.
7. Discuss the human impact upon vegetation.
8. Examine the effects of soil erosion, taking into account the causes, the effects and remedial efforts.