

UNIVERSITY OF NEWCASTLE UPON TYNE

Department of Geography

Second Year Class Examination - 1972

2H (Arts and Science) students should answer THREE questions, not more than ONE from any one Section.

Answers should be approximately 2,000 words in length.

Completed scripts must be returned to Mrs Whitehouse not later than 5 p.m. on FRIDAY 16 JUNE.

Section A : Economic Geography

1. Drawing examples from one country and illustrating your answer with appropriate data, consider the extent to which new port handling techniques favoured the concentration of traffic into a smaller number of ports during the 1960s.

2. EITHER (a) Define "growth" services and discuss their contribution to changing patterns of population distribution.

OR (b) "Regionalization for all its defects is probably the most efficient form of description of areal differences." (GRIGG) With this in mind outline some of the major problems encountered in the construction of a typological classification of agricultural systems.

3. In what ways have recent developments in behavioural analysis been an addition to and an improvement on normative economic theory in the analysis of land use location patterns?

Section B : British Isles

1. In the light of past trends within the British Isles what are probable consequences of the U.K. and Eire joining the Common Market on the distribution of manufacturing industry.

2. EITHER (a) Using published material including Government statistics discuss the relationship between unemployment and migration during the post-war period.

OR (b) Discuss in detail the efficacy of the various strategies adopted to combat the slow growth of employment in Britain's problem regions.

3. Using (a) 1966 election results; (b) 1966 Census Data (Parliamentary Constituency Tables); (c) appropriate statistical techniques (e.g. multiple regression analysis) - attempt to explain the spatial pattern of votes for one party in an area of your choice within the U.K.

### Section C : Physical Geography

1. Consider the role of "process" studies in geomorphological research.
2. "By its central position within the great circulations of energy and matter of the human ecosystem, the soil embodies the most fundamental geographical relationships." Elucidate, illustrate and discuss this statement.
3. Examine the topographical diversity of areas beyond the Pleistocene glacial margin in Europe in the light of climatogenetic concepts.
4. For any one region or sub-region of the British Isles prepare maps and diagrams from available meteorological data to show the range of weather effect upon (a) surface rocks (this includes walls and buildings) OR (b) human activity (this can include hobbies as well as occupations).

### Section D : Africa

1. "Unfortunately, regional texts on African geography produced over the last two decades have tended to feature broad, and occasionally misleading, generalisations of environmental factors and land-use patterns on the continent". (B. FLOYD) Critically discuss the implications of this viewpoint for agriculture.
2. You have been invited to contribute a chapter on some major African region to a book of comparative studies in overseas settlement. Produce an outline plan for your essay, discuss the major thematic and methodological issues which might be involved and outline the main secondary sources available to you.
3. Write a short review article on progress in geographical research over the decade 1961-71 in ONE of the following fields affecting tropical Africa:  
EITHER Central Places,  
OR applied geomorphology,  
OR decolonisation.

### Section E : Urban Geography

1. Construct a reasoned evaluation of the relevance of classical models of urban spatial structure in aiding an understanding of the internal structure of carefully selected New Towns in Great Britain.
2. With reference to a single nation evaluate the role of Central Place Theory in understanding the spatial pattern of settlement.
3. To what extent do cultural differences between nations hinder the development of internationally applicable models of urban spatial behaviour?