

Ollscoil na hÉireann, Gaillimh
National University of Ireland, Galway
Semester II Examinations 2000
Second University Examination in Arts
Geography

TA 239/256 – Climatic Change
Unit Value: 2/1

Professor R. Dodgshon
Professor M. Ó Cinnéide

Time allowed: 1.5 hours

Use a separate answer-book for this Section

Answer two questions

1. Outline the climate of the Pleistocene in Northwestern Europe and assess the extent to which the astronomical theory provides an adequate explanation of the observed principal fluctuations.
2. Outline and explain the increases in the concentration of greenhouse gases that are taking place in the atmosphere and the temperature changes that have been predicted as a consequence of these increases.
3. Examine the effects of urbanisation on city climates.
4. Outline the climate record since the Cambrian and any explanatory theory of the principal fluctuations in that record.