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Ollscoil na hÉireann, Gaillimh  
National University of Ireland, Galway  
Summer Examinations 2000 (repeat)

Third University Examinations in Arts (Economic and Social Studies)  
TI 272 Environment and Development

Prof. R. Dodgshon  
Prof. M. Ó Cinnéide  
Dr. Séamus Grimes

Time allowed: 3 hours

Answer any four questions

1. Write an explanatory account of the principal changes in the gaseous composition of the atmosphere since the beginning of the Industrial Revolution.
2. Discuss the likely climatic consequences of the enhanced 'greenhouse' effects of the atmosphere.
3. Discuss the phenomenon of acid rain.
4. What is understood by the phenomenon known as El Niño and what other global climatic events are being linked to it?
5. Describe briefly the principal features of the equatorial rainforests and examine the causes and consequences of their destruction.
6. Discuss the interrelationships between desertification and human activity.
7. Extinct and vanishing species are of great concern. Discuss critically.
8. Discuss the fundamental causes of the environmental crises facing mankind and outline some basic principals for managing the earth in a sustainable manner.