

2530024

THE UNIVERSITY *of York*

Degree Examination 2004

ENVIRONMENT DEPARTMENT

BSc in Environment, Economics and Ecology, Part II

WILDLIFE CONSERVATION AND MANAGEMENT

Time allowed: **two hours**

Answer **TWO** questions out of **FOUR**

*Pay adequate attention to spelling, punctuation and grammar, so that your answers can be readily understood*

- 1 Write a project proposal indicating how you would approach a three-year study to assess the ecological and economic impact of deer in the UK. Your answer should include sections on the (1) background and rationale for the study, (2) specific objectives to be addressed and (3) the methods to be used.
- 2 Why is the concept of thresholds important in wildlife conservation and management? Illustrate your answer with reference to specific examples.
- 3 Discuss, using examples, why an understanding of spatial heterogeneity is important in the conservation and management of wild vertebrate populations.
- 4 To what extent can an understanding of economics contribute to the conservation and management of wild vertebrates?