

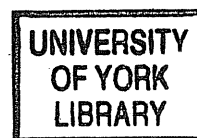
THE UNIVERSITY *of York*

Degree Examination 2005

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 conduct a 3-year feasibility study into the re-establishment of lynx in the UK. Your answer should include sections on (1) the ecological background and rationale for the study, (2) specific objectives to be addressed and the (3) methods to be used.
2. Discuss, with the use of specific case studies, the ecological and economic costs of alien vertebrates in Britain.
3. Discuss, using examples, how epidemiological models can contribute to our understanding of wildlife diseases.
4. To what extent does the successful conservation of wild vertebrate populations depend on an accurate diagnosis of the reasons for decline? Illustrate your answer with specific examples.