

THE UNIVERSITY *of York*

Degree Examination 2007

ENVIRONMENT DEPARTMENT

**MSc Marine Environmental Management
MSc Environmental Science & Management
MSc Environmental Economics & Environmental Management
MSc Environmental Economics**

BIODIVERSITY AND CONSERVATION BIOLOGY

Time allowed: **two hours**

Answer **ANY TWO** questions

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

1. Discuss the relevance of the theory of island biogeography to biodiversity conservation.

2. Are marine species less at risk of extinction than terrestrial ones?

3. Is a hotspots approach to conservation really the 'silver bullet' for saving the earth's biodiversity?

4. Discuss the assertion that there are more species in the tropics, comparing the evidence from both marine and terrestrial systems.