

THE UNIVERSITY *of York*

Degree Examination 2007

ENVIRONMENT DEPARTMENT

MSc Marine Environmental Management

MSc Environmental Science & Management

MSc Environmental Economics & Environmental Management

PROTECTED AREAS: DESIGN, IMPLEMENTATION AND MANAGEMENT

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 some of the factors you would take into account in designing a new protected area. You can choose to discuss either a marine or terrestrial protected area.
2. Discuss some of the reasons why protected areas may fail to achieve their conservation objectives.
3. Why is connectivity – that is, the movement or dispersal of animals, plants and their propagules – important to sustaining biodiversity in protected areas?
4. Discuss the role of networks of protected areas to sustaining biodiversity. In your opinion, are they sufficient to maintain biodiversity on this planet? Explain the reasoning behind your answer.