

THE UNIVERSITY *of York*

Degree Examination 2007

ENVIRONMENT DEPARTMENT

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

MARINE ECOSYSTEMS

Time allowed: **two hours**

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

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

Question 1

Describe, with examples, characteristics of deep-sea ecosystems that render them highly vulnerable to human impacts. Discuss the main threats facing deep sea ecosystems.

Question 2

Explain, using examples drawn from at least two different marine or coastal ecosystems, how physical processes interact with biological processes to structure these ecosystems.

Question 3

Describe, with examples, some of the main effects of fishing on marine ecosystems.

Question 4

Is there a future for tropical coral reefs?