



**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?