

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

FISHERIES ECOLOGY & 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. Explain why single species management of fisheries so often fails.
2. Discuss the options available to fishery managers for controlling fishing mortality. In your answer, explore some of the advantages and disadvantages of the methods you describe.
3. Discuss some of the major underlying causes of fishery declines over the last 25 years.
4. Describe some of the major changes in exploited fish populations and the structure of marine ecosystems over the last hundred years. Discuss the underlying causes of these changes.