

## REPORT ON EXAMINATIONS

### M Sc in Mathematical Modelling and Scientific Computing 2010/11

#### Part I

##### A. Statistics

##### (1) Numbers and percentages in each class/category

Class	Number				%			
	2010/11	2009/10	2008/9	2007/8	2010/11	2009/10	2008/9	2007/8
Distinction	6	9	5	7	40	42.9	27.8	23.3
Pass	9	12	13	22	60	57.1	72.2	73.3
Fail	0	0	0	1	0	0	0	3.3
Incomplete	0	0	0	0	0	0	0	0

##### (2) Vivas

All candidates were examined viva voce. Their performances ranged from good to excellent, and this performance was a credit to the year.

##### (3) Marking of scripts

Examinations were given in Weeks 0 of Hilary and Trinity Terms 2011, single-marked by assessors followed by finalisation of marks by the Examiners. Special Topics and Practicals were single-marked by Assessors, and then check marked by the examiners, with again finalisation of marks. All dissertations were read and marked by at least two examiners.

##### B. New examining methods and procedures

None.

##### C. Changes in examining methods etc which the examiners would wish the faculty/department and the divisional board to consider

None.

##### D. How are candidates made aware of conventions?

The conventions are posted on the course web site and are included in the course handbook. The Course Director discusses these with the candidates and the candidates are reminded of this by email on several occasions during the year.

## **Part II**

### **A. General comments on the examination**

None.

### **B. Equal opportunities issues and gender breakdown**

There were 9 male and 6 female candidates; 4 males and 5 females passed; 5 males and 1 female were awarded distinctions.

### **C. Candidates' performance in each part of the examination**

This course administers examinations internally in January and April, with each student sitting between 2 and 4 papers depending on their particular circumstances. Both sets of examinations are split into Paper A (mathematical modelling) and Paper B (numerical analysis). Both examinations went smoothly this year with a good distribution of marks between high failure and distinction ranges. Performance on the practical classes and Special Topics ranged from good to excellent. The dissertations and vivas also ranged from good to excellent in standard.

### **D. Special Cases**

None.

### **E. Names of members of the board of examiners**

Dr Raphael Hauser (Chair)  
Dr Andreas Muench  
Dr Mason Porter  
Dr Ian Sobey  
Prof Stephen O'Brien (External)