

HONOUR MODERATIONS IN MATHEMATICS TRINITY TERM 2009

Notice to Candidates

To: First year students in Mathematics and Mathematics & Statistics

Timetable

This year's Honour Moderations in Mathematics will take place as follows:

Monday 22 nd June at 14.30	Pure Mathematics I
Tuesday 23 rd June at 14.30	Applied Mathematics I
Wednesday 24 th June at 14.30	Pure Mathematics II
Thursday 25 th June at 14.30	Applied Mathematics II

The examinations will all be held at **Ewert House, Summertown**.

You should arrive at least 10 minutes before the start of each paper.

Format of Examination Papers

There are four Honour Moderations papers:

- Pure Mathematics I
- Pure Mathematics II
- Applied Mathematics I
- Applied Mathematics II

Each paper has eight questions and you should submit answers to five questions. You should not submit answers to more than five questions. Each question is marked out of 20 and is divided into two or three parts. The marks available for each part will be given on the examination paper.

The paper Applied Mathematics I is divided into two sections i) calculus of one variable and dynamics and ii) calculus of two or more variables and probability. There will be four questions on each section and you should submit answers to five questions in total and not more than three questions from either section.

For each examination you should complete a front cover sheet which will be provided with the answer booklets.

Full particulars of the syllabus and examination content are to be found in the Handbook for the Undergraduate Mathematics courses; full regulations governing the examinations are to be found in the Examination Decrees and Regulations 2008.

Conduct of Examinations

You must bring your university card with you and display the card photo side up throughout each examination. You may take your writing equipment into the examination room and your individual timetable sent to you by the Examination Schools, provided you have not written on it or otherwise modified it. Nothing else may be taken into the examination room, unless you have permission from the Proctors. Please note that mobile phones may not be taken into the examination room.

There will be a label on each desk bearing your name but not your candidate number. Desks are arranged alphabetically. On reaching your desk you should check that the correct question paper has been provided but should not open the paper until the invigilator instructs you to do so.

You should begin each question in a new answer booklet and write your candidate number on each booklet. You should hand in your answer booklets in numerical order and write the numbers of all the questions to be marked on the front cover sheet. If you answer fewer than five questions you must submit an empty answer booklet for each unanswered question so that you still submit five answer

booklets in total. You should cross out all rough working and any working you do not want to be marked. Booklets containing rough work should be handed in with your answer booklets.

You may not leave the examination room except with the permission of the invigilator. Candidates are not permitted to leave during the first 30 minutes nor the last 30 minutes of an examination. You may take your question paper with you at the end of the examination but no other paper may be removed from the examination room.

An Examiner will be present for the first 30 minutes of each examination to whom queries about the paper can be addressed.

Candidate Number

Your candidate number will be on the individual timetable sent to you by the Examination Schools. Please note that your candidate number is not the same as your student self service ID number which is printed on your university card. If you forget your candidate number you will be given the opportunity to ask one of the invigilators what it is. Please do not write down a number if you think it may be incorrect.

Calculators

The use of calculators will not be permitted in these examinations.

Marking of Papers

Marking schemes for the questions should aim to ensure that the following qualitative criteria hold:

17–20 marks a completely or almost completely correct answer to the whole question.

13–16 marks standard material substantially correct plus substantial progress on the other parts of the question.

7–12 marks standard material substantially correct and some minor progress on the other parts of the question.

0–6 marks for elementary, accessible material.

This should be regarded as a guide conveying the intentions of the Moderators.

Standardised Marks

Marks for each individual examination will be reported in university standardised form (USM):

- a First Class performance (on that paper) is indicated by a mark of 70 to 100;
- a Second Class performance (on that paper) is indicated by a mark of 50 to 69;
- a Third Class performance (on that paper) is indicated by a mark of 40 to 49;
- a Pass performance (on that paper) is indicated by a mark of 30 to 39;
- a Fail performance (on that paper) is indicated by a mark of 0 to 29.

Classification

The standardised marks for written papers and marks for Maple projects (MM) will be averaged according to the following two formulae:

$$Av_1 = \frac{PMI + PMII + AMI + AMII + \frac{1}{4}MM}{4\frac{1}{4}},$$

$$Av_2 = \frac{PMI + PMII + AMI + AMII}{4},$$

rounded up to a whole number.

Classes will be awarded according to the following conventions (these are revised for 2008/9):

First class: $Av_1 \geq 70$ and $Av_2 \geq 70$

Second class: $50 \leq Av_1 < 70$

or

$Av_1 \geq 70$ and $Av_2 < 70$

Third class: $40 \leq Av_1 < 50$ and $Av_2 \geq 40$

or

$40 \leq Av_2 < 50$

Pass: $30 \leq Av_2 < 40$

Fail: $Av_2 < 30$

In addition to this, it should be noted that no student shall be awarded a Pass or Honours unless they score at least 30 on each paper.

Notification of Results

The Moderators hope to finalise the class and pass lists by Tuesday 14th July. After 14th July, to find out your results you may log on to the Student Self Service at www.ox.ac.uk/current_students, for which you should have a student self service user ID (printed on your university card) and password. The Examination Schools have decided that from this year, display lists will no longer be posted. Neither Schools staff nor Mathematical Institute staff can give results over the telephone. The USM marks on all your papers will be made available to the Senior Tutor of your college, who will arrange for them to be communicated to you. It takes several days after the Moderators have determined candidate's classifications for marks reports to be sent to candidates.

Audrey Curnock
Chairman of Moderators