

# Oxford University Final Honour Schools Trinity Term 2011

## Mathematics and Statistics Part A: Second Notice to Candidates

- The First Notice to Candidates, which was sent to you in Hilary Term, can be found on the web at [http://www.stats.ox.ac.uk/current\\_students/bammath/examinations](http://www.stats.ox.ac.uk/current_students/bammath/examinations)
- The examination timetable has now been published and candidates will be sent a copy of their individual timetable. Note that examinations will be held in week 9, Monday 27 June to Thursday 30 June 2011, Ewert House, Ewert Place, Summertown. Papers commence at 9.30 am.
- This notice is principally concerned with what you should, and should not, bring to the examination, and with arrangements at Ewert House. Note in particular that: **You must bring your University Card to all the examinations, and you must display it on your desk with the photo showing. 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. This contains your candidate number.**
- Neither calculators nor statistical or other tables are permitted in these examinations.
- Mobile phones are not permitted inside the examination room.
- Candidates are permitted to take non-carbonated water in a clear spill-proof bottle into the examination room.
- Desks will be arranged in numerical order. Seating charts will be displayed throughout the reception areas as well as outside individual examination rooms and will show candidate and desk numbers. On reaching your desk you would check that the correct question paper has been provided but should not open the paper until the invigilator declares the start of the examination.

Dr D Steinsaltz  
Chairman of Part A Examiners  
Department of Statistics  
27 May 2011

cc Senior Maths Tutors  
Senior Tutors

# Part A 2011 Mathematics and Statistics

## Handing-in of Papers in Part A

Some of this material was contained in the First Notice.

On paper AC1 there are three sections each containing three questions. You should attempt all **nine** questions. **Start each section in a new booklet.** Start a new page for each question. For each section, attach the answers to questions from that section together to make a bundle and indicate on the front sheet the numbers of questions in that bundle. You should hand in three separate bundles. Your candidate number must be written on the front page of each answer booklet and be clearly legible.

On paper AC2 there are three sections each containing three questions. You may hand in attempts to any number of questions. Answers to four questions will count towards the total mark for the paper: the best answer from each section together with the next best remaining answer. **Start a new booklet for each question.** For each section, attach the answers to questions from that section together to make a bundle and indicate on the front sheet the numbers of questions in that bundle. You should hand in three separate bundles. Your candidate number must be written on the front page of each answer booklet and be clearly legible.

The options papers AS1 and AS2 each contain questions arranged in 17 sections. Each section is labeled by a letter according to the following scheme:

|   |                        |   |                          |
|---|------------------------|---|--------------------------|
| A | Introduction to Fields | J | Quantum Theory           |
| B | Group Theory           | K | Fluid Dynamics and Waves |
| C | Number Theory          | M | Probability              |
| D | Integration            | O | Statistics               |
| E | Topology               | P | Numerical Analysis       |
| F | Multivariable Calculus | R | Graph Theory             |
| G | Calculus of Variations | S | Simulation               |
| H | Classical Mechanics    | T | Linear Programming       |
|   |                        | U | Statistical Programming  |

You may submit answers to as many question as you wish on AS1 and on AS2. **Start a new booklet for each question.**

For paper AS1, **the best 5 answers on Probability and Statistics, and the best 4 answers on other sections,** will be counted towards the mark for this paper.

For paper AS2, **the best 2 answers on Probability and Statistics, and the best 2 other answers** (which may include further answers on Probability and Statistics), will be counted towards the mark for this paper.

At the end of each examination, **make a separate bundle from the answers to each section, and hand them in as separate bundles.** Your candidate number must be written on the front page of each answer booklet and be clearly legible.

These details will be repeated in the Examination Hall.

## **Notification of Results**

The examiners hope to finalise results by Tuesday 19 July. After 19 July, to find out your results you may log on to Student Self Service at [www.ox.ac.uk/current\\_students](http://www.ox.ac.uk/current_students), for which you should have a student self-service user ID and password.

Neither Examination Schools staff, nor Department of Statistics 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.