

Oxford University Final Honour Schools
Trinity Term 2007

Mathematics and Statistics Part A:
Second Notice to Candidates

- The First Notice to Candidates, which was sent to you in March, can be found on the web at http://www.stats.ox.ac.uk/current_students/bammath/examinations
- As you should now know, the examination will be held on Thursday and Friday of week 9 in Trinity Term, June 21st and 22nd 2007, in Ewert House, Ewert Place, Summertown.
- 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.**

J. L. Marchini
Chairman of Part A Examiners
Department of Statistics
May 2nd 2007

cc Senior Maths Tutors
Senior Tutors

Part A 2007 Mathematics and Statistics

University cards, calculators, tables and mobile phones

An important University requirement is that: **You must bring your University Card to all examinations, and you must display it on your desk.**

Neither calculators nor statistical or other tables are permitted in these examinations.

Mobile phones are not permitted inside the examination room.

Handing-in of Papers in Part A

Some of this material was contained in the First Circular.

On paper AC1 there are three sections each containing three questions. You should attempt all **nine** questions and at the end of the examination, using the treasury tags provided, make a separate bundle from the answers to each section, and **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 should attempt a maximum of **five** questions and at the end of the 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. The best **four** answers make up the raw mark for this paper.

The options papers AS1 and AS2 each contain questions arranged in 16 sections. Each section is labeled by a letter according to the following scheme:

A	Groups in action	J	Electromagnetism
B	Introduction to Fields	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	Combinatorial Optimization
H	Classical Mechanics	T	Linear Programming

There will be 25 questions in total on paper AS1, 3 on Probability, 3 on Statistics, and otherwise 1 for each 8 lecture course and 2 for each 16 lecture course. Candidates may hand in answers to at most 10 questions, at least 5 of which should be on Probability and Statistics, and at least 4 of which should be on Options. 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.

There will be 23 questions on paper AS2, 1 for each 8 lecture course and 2 for each 16 lecture course. Candidates may hand in answers to at most 5 questions, at least 2 of which should be on Probability and Statistics. 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.