

Examiners' Report  
 Final Honour School of Mathematics and Philosophy Part C  
 Trinity Term 2015

**Part I**

**A. STATISTICS**

- **Numbers and percentages in each class.**

See Table 1, page 1.

- **Numbers of vivas and effects of vivas on classes of result.**

Not applicable.

- **Marking of scripts.**

All Philosophy scripts, essays and theses were double-marked. All Mathematics scripts were, as is the normal practice, single-marked according to carefully checked model solutions and a pre-defined marking scheme which is closely adhered to.

A comprehensive independent checking procedure is also followed. (See the Mathematics Part C report for details.)

Mathematics dissertations were also double-marked.

Table 1: Numbers in each class

	Number					Percentages %				
	2015	(2014)	(2013)	(2012)	(2011)	2015	(2014)	(2013)	(2012)	(2011)
I	4	(4)	(11)	(9)	(6)	40	(40)	(52.38)	(42.86)	(46.15)
II.1	5	(6)	(9)	(10)	(6)	50	(60)	(42.86)	(47.62)	(46.15)
II.2	1	(0)	(1)	(2)	(1)	10	(0)	(4.76)	(9.52)	(7.69)
III	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
F	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
Total	10	(10)	(21)	(21)	(13)	100	(100)	(100)	(100)	(100)

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

There was an increase in the number of Mathematics units that candidates offering only Mathematics units or a combination of Mathematics and Philosophy units were required to take. Candidates had to offer one of the following four combinations:

- (a) 8 units in Mathematics;
- (b) 6 units in Mathematics and 1 unit in Philosophy;
- (c) 3 units in Mathematics and 2 units in Philosophy;
- (d) 3 units in Philosophy.

## **C. Changes in examining methods and procedures currently under discussion or contemplated for the future**

None.

## **D. Notice of examination conventions for candidates**

The candidates were given details of the examining conventions in the notices that were sent out by the examiners.

These are available on-line at <https://www.maths.ox.ac.uk/members/students/undergraduate-courses/examinations-assessments>.

## Part II

### A. General Comments on the Examination

The examiners are very grateful to James Knight in the Philosophy Centre and Helen Lowe, Waldemar Schlackow and Charlotte Turner-Smith in the Mathematical Institute for their enormous help at all stages in the conduct of this examination. We are grateful also to examiners and assessors in Philosophy and in Mathematics who set papers and marked scripts and theses of candidates in this examination.

The internal examiners are grateful to the external examiners Alexei Skorobogatov (Mathematics) and Walter Dean (Philosophy) for generously performing their special roles in this process.

### Prizes

The following prizes were awarded:

Gibbs Prize (performance in Mathematics papers): Raffael Singer (Lady Margaret Hall)  
Gibbs Prize (performance in Philosophy papers): Josef Bolt (St Anne's College)

### B. Equal opportunities issues and breakdown of the results by gender

Table 2, page 3 shows percentages of male and female candidates for each class of the degree.

Table 2: Breakdown of results by gender

Class	Total		Male		Female	
	Number	%	Number	%	Number	%
I	4	40	3	42.86	1	33.33
II.1	5	50	3	42.86	2	66.67
II.2	1	10	1	14.29	0	0
III	0	0	0	0	0	0
P	0	0	0	0	0	0
F	0	0	0	0	0	0
Total	10	100	7	100	3	100

### C. Detailed numbers on candidates' performance in each part of the exam

See Table 3, page 4 for the number of candidates taking each Mathematics paper, together with statistics for the raw marks (average and standard deviation), and USMs (average and standard deviation) attained on each paper by this cohort. All papers listed are units except the Mathematics Dissertation, which is a double unit. The total maximum raw marks for a unit is 50 whilst the USMs are scaled to a maximum of 100. In accordance with University

Table 3: Statistics by paper (Mathematics papers)

Paper	Number of Candidates	AvgRaw	StdevRaw	Avg USM	StdevUSM
C1.1	3	-	-	-	-
C1.2	2	-	-	-	-
C1.3	1	-	-	-	-
C1.4	4	-	-	-	-
C2.2	2	-	-	-	-
C2.4	2	-	-	-	-
C2.5	1	-	-	-	-
C2.6	3	-	-	-	-
C3.1	2	-	-	-	-
C3.2	1	-	-	-	-
C3.4	3	-	-	-	-
C3.6	1	-	-	-	-
C3.7	1	-	-	-	-
C8.3	1	-	-	-	-
CCD Mathematics Dissertation	3	-	-	-	-

guidelines, statistics are not given for papers where the number of candidates was five or fewer. This year this applied to all papers.

See Table 4, page 5 for the number of candidates taking each Philosophy paper, together with statistics for the USMs (average and standard deviation) attained in the examination and the extended essay in each subject by this cohort.

In accordance with University guidelines, statistics are not given for papers where the number of candidates was five or fewer. This year this applied to all papers.

Table 4: Statistics by paper (Philosophy papers)

Paper	Number of Candidates	Avg USM	StDev USM
103 Ethics Exam	2	-	-
103 Ethics Essay	2	-	-
104 Philosophy of Mind Exam	1	-	-
104 Philosophy of Mind Essay	1	-	-
112 The Philosophy of Kant Exam	1	-	-
112 The Philosophy of Kant Essay	1	-	-
114 Theory of Politics Exam	2	-	-
114 Theory of Politics Essay	2	-	-
115 Plato: Republic (in translation)	1	-	-
115 Plato: Republic (in translation)	1	-	-
116 Aristotle, <i>Nicomachean Ethics</i> Exam	1	-	-
116 Aristotle, <i>Nicomachean Ethics</i> Essay	1	-	-
118 The Later Philosophy of Wittgenstein Exam	2	-	-
118 The Later Philosophy of Wittgenstein Essay	2	-	-
125 Philosophy of Cognitive Science Exam	1	-	-
125 Philosophy of Cognitive Science Essay	1	-	-
127 Philosophical Logic Exam	3	-	-
127 Philosophical Logic Essay	3	-	-
180 The Original Authorities for the Rise of Modern Logic Exam	1	-	-
180 The Original Authorities for the Rise of Modern Logic Essay	1	-	-
PT Thesis in Philosophy	3	-	-

## **D. Recommendations for Next Year's Examiners and Joint Committee for Mathematics and Philosophy**

This year the Proctors issued a statement about persistent noise from building work at University College, which affected a number of papers:

<https://www.admin.ox.ac.uk/proctors/2015examinations/>

The examiners urge the University and Colleges not to allow noise from building work to interfere with examinations.

## **E. Comments on sections and on individual questions**

See reports from Mathematics examiners and from Philosophy examiners.

## **F. Comments on performance of identifiable individuals**

*Removed from the public version of the report.*

## **G. Names of members of the Board of Examiners**

Mathematics

Prof. A Dancer

Prof. Y Kremnizer

Prof. A Skorobogatov (external)

Philosophy

Prof. W Dean (external)

Prof. O Magidor

Prof. J Studd (Chair)