

Examiners' Report

Final Honour School of Mathematics and Philosophy Part C

Trinity Term 2014

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 %				
	2014	(2013)	(2012)	(2011)	(2010)	2014	(2013)	(2012)	(2011)	(2010)
I	4	(11)	(9)	(6)	(7)	40	(52.38)	(42.86)	(46.15)	(43.75)
II.1	6	(9)	(10)	(6)	(8)	60	(42.86)	(47.62)	(46.15)	(50)
II.2	0	(1)	(2)	(1)	(1)	0	(4.76)	(9.52)	(7.69)	(6.25)
III	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
P	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
F	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
Total	10	(21)	(21)	(13)	(16)	100	(100)	(100)	(100)	(100)

B. New examining methods and procedures

There were none.

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

For examination in 2015, the option to offer 8 units in Mathematics, as for Part C Mathematics, comes into effect. Candidates will be able to choose to do one of the following:

- (a) offer 8 units in Mathematics
- (b) offer 6 units in Mathematics and 1 subject in Philosophy
- (c) offer 3 units in Mathematics and 2 subjects in Philosophy
- (d) offer 3 subjects in Philosophy

The classification rules will be adjusted accordingly.

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/examination-conventions>.

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 Andrew Thomason (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): Jinquan Chen (Magdalen College)
Gibbs Prize (performance in Philosophy papers): Jinquan Chen (Magdalen 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	4	66.67	0	0
II.1	6	60	2	33.33	4	100
II.2	0	0	0	0	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	6	60	4	40

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
C1.1a	3	-	-	-	-
C1.1b	2	-	-	-	-
C1.2a	1	-	-	-	-
C1.2b	2	-	-	-	-
C2.1a	2	-	-	-	-
C2.1b	1	-	-	-	-
C2.2a	1	-	-	-	-
C2.3b	1	-	-	-	-
C3.1a	2	-	-	-	-
C3.2b	3	-	-	-	-
C11.1a	1	-	-	-	-
CD Mathematics Dissertation	1	-	-	-	-
CCS1 Categories, Proofs and Processes	1	-	-	-	-

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	1	-	-
103 Ethics Essay	1	-	-
104 Philosophy of Mind Exam	1	-	-
104 Philosophy of Mind Essay	1	-	-
107 Philosophy of Religion Exam	1	-	-
107 Philosophy of Religion Essay	1	-	-
109 Aesthetics and Philosophy of Criticism Exam	2	-	-
109 Aesthetics and Philosophy of Criticism Essay	2	-	-
113 Post-Kantian Philosophy Exam	3	-	-
113 Post-Kantian Philosophy Essay	3	-	-
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	-	-
117 Frege, Russell, and Wittgenstein	1	-	-
117 Frege, Russell, and Wittgenstein	1	-	-
118 The Later Philosophy of Wittgenstein Exam	2	-	-
118 The Later Philosophy of Wittgenstein Essay	2	-	-
120 Intermediate Philosophy of Physics Exam	1	-	-
120 Intermediate Philosophy of Physics Essay	1	-	-
124 Philosophy of Science Exam	4	-	-
124 Philosophy of Science Essay	4	-	-
180 The Original Authorities for the Rise of Modern Logic Exam	1	-	-
180 The Original Authorities for the Rise of Modern Logic Essay	1	-	-

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

The examiners would like to highlight the importance of reminding students that substantial repetition between examination essays and written examination papers is prohibited by the examination regulations and that any such repetition will be penalised.

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 (Chairman)

Prof. A Thomason (external)

Prof. J Wilson

Philosophy

Prof. W Dean (external)

Prof. O Magidor

Prof. J Studd