

Examiners' Report: Final Honour School of Mathematics & Philosophy Part B Trinity Term 2012

November 8, 2012

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, after which the two markers consult in order to agree a mark between them. If the two markers are unable after discussion to agree a mark, the mark is decided by a third examiner, within the range of the two initial marks. All Mathematics scripts were, as is the normal practice, single-marked according to carefully checked model solutions and a pre-defined marking scheme closely adhered to. A comprehensive independent checking

Table 1: Numbers in each class

	Number					Percentages %				
	2012	(2011)	2010	(2009)	(2008)	2012	2011	2010	(2009)	(2008)
I	9	(8)	(6)	(7)	(7)	39.13	(33.33)	(31.6)	(35)	(32)
II.1	13	(15)	(10)	(12)	(13)	56.52	(62.50)	(52.6)	(60)	(59)
II.2	0	(1)	(3)	(0)	(2)	0	(4.17)	(15.8)	(0)	(9)
III	1	(0)	(0)	(1)	(0)	4.35	(0)	(0)	(5)	(0)
P	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
F	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
Total	23	(24)	(19)	(20)	(22)	100	(100)	(100)	(100)	(100)

procedure is also followed. (See the Mathematics Part B report for details). BE extended essays and coursework for O1 History of Mathematics were blind double marked

B. New examining methods and procedures

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

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/notices/undergrad/part-b>

Part II

Section 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 Iain Gordon (Mathematics) and Øystein Linnebo (Philosophy) for generously performing their special roles in this process.

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.

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. It should be noted that the total raw marks for a half unit are 50 whilst the USMs are scaled to a maximum of 100.

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 on each paper by this cohort.

Table 2: Breakdown of results by gender

Class	Total		Male		Female	
	Number	%	Number	%	Number	%
I	9	39.13	6	40	3	37.5
II.1	13	56.52	8	53.33	5	62.5
II.2	0	0	0	0	0	0
III	1	4.35	1	6.67	0	0
P	0	0	0	0	0	0
F	0	0	0	0	0	0
Total	23	100	15	100	8	100

Section D: Comments on sections and on individual questions

See reports from Mathematics Examiners and from Philosophy Examiners.

E. Names of members of the Board of Examiners

Prof. Harvey Brown (Chair)
 Prof. Cornelia Drutu
 Prof. Iain Gordon
 Dr Øystein Linnebo
 Prof. Hilary Priestley
 Prof. Gonzalo Rodriguez-Pereyra
 Dr Christopher Timpson

Table 3: Statistics by paper (Mathematics papers)

Paper	Number of Candidates	AvgRaw	StdevRaw	Avg USM	StdevUSM
B1a	23	28.65	7.99	68.39	9.59
B1b	23	34.39	8.9	66.3	10.99
B2a	4	29	9.93	61.5	17.25
B2b	4	24	5.94	63.5	5.92
B3a	2				
B3b	2				
B3.1a	6	29.67	9.18	62.33	12.19
B4a	6	33.67	6.02	68.5	6.22
B4b	4	25.75	4.5	60.75	5.25
B9a	15	31.2	8.48	63.73	10.24
B9b	9	29.89	10.43	60.11	13.74
B10a	2				
B10b	2				
B11a	2				
BE Essay	1	-	-		-
O1	1	-	-		-
N1a	1	-	-		-
N1b	1	-	-		-
OCS3a	1	-	-		-
OCS4a	1	-	-		-

Table 4: Statistics by paper (Philosophy papers)

Paper	Number of Candidates	Avg USM	StDev USM
101 History of Philosophy	8	66.13	5
102 Knowledge and Reality	15	66.33	4.61
103 Ethics	4	67.75	3.69
104 Philosophy of Mind	3		
107 Philosophy of Religion	1		
108 The Philosophy of Logic and Language Exam	7	68.43	3.41
109 Aesthetics and Philosophy of Criticism Exam	3		
110 Medieval Philosophy: Aquinas	1		
113 Post-Kantian Philosophy	2		
114 Theory of Politics	1		
115 Plato: Republic	3		
117 Frege, Russell and Wittgenstein	3		
118 The Later Philosophy of Wittgenstein	3		
122 Philosophy of Mathematics	23	65.61	5.32
124 Philosophy of Science	2		
125 Philosophy of Cognitive Science	2		
Thesis	1		