

Examiners' Report
 Final Honour School of Mathematics and Philosophy Part C
 Trinity Term 2021

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. The mathematics dissertations and mini-projects were double-marked. All Mathematics examination 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.)

Table 1: Numbers in each class

	Number					Percentages %				
	2021	(2020)	(2019)	(2018)	(2017)	2021	(2020)	(2019)	(2018)	(2017)
I	6	(6)	(6)	(8)	(6)	50	(75)	(66.67)	(72.73)	(54.55)
II.1	4	(2)	(2)	(3)	(5)	33.33	(25)	(22.22)	(27.27)	(45.45)
II.2	2	(0)	(0)	(0)	(0)	16.67	(0)	(0)	(0)	(7.14)
III	0	(0)	(1)	(0)	(0)	0	(0)	(11.11)	(0)	(0)
F	0	(0)	(0)	(0)	(0)	0	(0)	(0)	(0)	(0)
Total	12	(8)	(9)	(11)	(11)	100	(100)	(100)	(100)	(100)

B. New examining methods and procedure in the 2020 examinations

In light of the ongoing Covid 19 pandemic, the University changed the examinations to an open-book format and rolled out a new online examinations platform. An additional 30 minutes was added on to the exam duration to allow candidate the technical time to download and submit their examination papers via Inspera.

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

The department intends to hold in person exams in Trinity Term 2022.

D. Notice of examination conventions for candidates

The first notice to candidates was issued on 26th February 2021 and the second notice on 30th April 2021. These contain details of the examinations and assessments.

All notices and the examination conventions for 2020 examinations are on-line at <http://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 Barbara Galinska, Waldemar Schlackow and Charlotte Turner-Smith in the Mathematical Institute for their enormous help at all stages in the conduct of this examination. We would also like to thank Elle Styler, and the rest of the Academic Administration Team for all their work during the busy exam period. 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 Prof James Robinson (Mathematics) and Professor Karim Thebault (Philosophy) for generously performing their special roles in this process.

B. Equality and Diversity issues and breakdown of the results by gender

Table 2, page 4 shows percentages of male and female candidates for each class of the degree.

Table 2: Breakdown of results by gender

Class	Number								
	2021			2020			2019		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
I	2	4	6	2	4	6	1	5	6
II.1	2	2	4	1	1	2	1	1	2
II.2	1	1	2	0	0	0	0	0	0
III	0	0	0	0	0	0	0	1	1
F	0	0	0	0	0	0	0	0	0
Total	5	7	12	3	5	8	2	7	9

Class	Percentage								
	2021			2020			2019		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
I	40	57.14	48.57	66.67	80	73.34	50	71.43	66.67
II.1	2	2	2	33.33	20	26.67	50	14.29	22.22
II.2	1	1	1	0	0	0	0	0	0
III	0	0	0	0	0	0	0	14.29	11.11
F	0	0	0	0	0	0	0	0	0
Total	100	100	100	100	100	100	100	100	100

Table 3: Statistics by paper (Mathematics papers)

Paper	Number of Candidates	AvgRaw	StdevRaw	Avg USM	StdevUSM
C1.1	8	31.5	6.7	63.5	9.15
C1.2	6	35.33	6.56	68.33	6.31
C1.4	6	17.17	6.31	63	6.99

Table 4: Statistics by paper (Philosophy papers)

Paper	Number of Candidates	Avg USM	StDev USM
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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 guidelines, statistics are not given for papers where the number of candidates was five or fewer.

See Table 4, page 4 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 Philosophy papers.

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

There were none.

E. Comments on sections and on individual questions

See reports from Mathematics examiners and from Philosophy examiners.

F. Names of members of the Board of Examiners

Mathematics

Prof. Damian Rossler (Chair)

Prof. Luc Nguyen (Internal)

Prof. James Robinson (External Examiner)

Philosophy

Prof. James Robinson (External)

Prof. Simon Saunders

Prof. Peter Millican