

Examiners' Report: FHS Mathematics and Philosophy Part A Trinity Term 2019

November 21, 2019

Part I

A Statistics

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

See Table 1, page 1.

Table 1: Numbers in each class

Range	Numbers					Percentages %				
	2019	2018	2017	2016	2015	2019	2018	2017	2016	2015
70–100	4	0	4	6	4	26.67	0	30.77	46.15	26.67
60–69	4	11	4	6	8	26.67	73.33	30.77	46.15	53.33
50–59	6	4	5	1	1	40	26.67	38.46	7.69	6.67
40–49	1	0	0	0	1	6.67	0	0	0	6.67
30–39	0	0	0	0	0	0	0	0	0	0
0–29	0	0	0	0	1	0	0	0	0	6.67
Total	15	15	13	13	15	100	(100)	(100)	(100)	(100)

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

Not applicable.

- **Marking of scripts.**

The same system of checking was used as in all parts of FHS Mathematics. There are no Philosophy papers in FHS Part A in Mathematics & Philosophy.

- **Numbers taking each paper.**

See table 3 on page 4

B. New examining methods and procedures

There were no changes to examining methods or procedures in 2018–19.

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

None.

D. Notice of examination conventions for candidates

The first notice to candidates was issued on 19th February 2019 and the second notice on the 9th May 2019.

These can be found at <https://www.maths.ox.ac.uk/members/students/undergraduate-courses/ba-master-mathematics/examinations-assessments/examination-20>, and contain details of the examinations and assessments. The course handbook contains the web link to the full examination conventions and all candidates are issued with this at induction in their first year.

All notices and examination conventions are on-line at <https://www.maths.ox.ac.uk/members/students/undergraduate-courses/examinations-assessments/examination-conventions>.

1 Part II

A. General Comments on the Examination

Timetable

The examinations began on Monday 17th June and ended on Friday 28th June.

Mitigating Circumstances Notices to Examiners

A sub-set of the Examiners (the ‘Mitigating Circumstances Panel’) attended a pre-board meeting to band the seriousness of the individual notices. The outcome of this meeting was relayed to the Examiners at the final exam board, who gave careful regard to each case, scrutinised the relevant candidates’ marks and agreed actions as appropriate. See Section E for further detail.

Determination of University Standardised Marks

For the papers that are common with Mathematics, the examiners followed the standard procedure for converting raw marks to University Standardized Marks (USM), and used the same scaling functions as applied for candidates in Mathematics.

Recommendations for Next Year’s Examiners and Teaching Committee

There are no recommendations specific to Mathematics & Philosophy. General recommendations are made in the report on the Mathematics Part A examination.

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

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

Table 2: Breakdown of results by gender

Class	Number								
	2019			2018			2017		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
70–100	1	3	4	0	0	0	0	4	4
60–69	1	3	4	5	6	11	1	3	4
50–59	4	2	6	2	2	4	1	4	5
40–49	0	1	1	0	0	0	0	0	0
30–39	0	0	0	0	0	0	0	0	0
0–29	0	0	0	0	0	0	0	0	0
Total	6	9	15	7	8	15	2	11	13

Class	Percentage								
	2019			2018			2017		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
70–100	16.67	33.33	26.67	0	0	0	0	36.36	30.77
60–69	16.67	33.33	26.67	71.43	75	73.33	50	27.27	30.77
50–59	66.67	22.22	40	28.57	25	26.67	50	36.36	38.46
40–49	0	11.11	6.67	0	0	0	0	0	0
30–39	0	0	0	0	0	0	0	0	0
0–29	0	0	0	0	0	0	0	0	0
Total	100	100	100	100	100	100	100	100	100

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

Table 3 on pages 4 gives the statistics for each paper of the examination.

Table 3: Overall statistics for each paper

Paper	Candidates	average Raw	sdRaw	average USM	sdUSM
A0	15	29.6	8.14	63.2	13.49
A2	15	62.47	19.51	63.67	11.69
A3	6	29.83	9.06	61	13.13
A4	4	-	-	-	-
A5	8	35.5	8.09	67.5	10
A8	5	-	-	-	-
ASO	7	26.57	7.63	62	7.35

D. Comments on papers and individual questions

There are no questions specific to Mathematics and Philosophy. Comments on all papers are made in the report on the Mathematics Part A examination.

E. Comments on performance of identifiable individuals

This section has been redacted from the public report.

F. Names of members of the Board of Examiners

- **Examiners:**

Prof Fernando Alday (chair)
Dr Neil. Laws
Prof. Derek Moulton
Prof. Nikolay Nikolov
Prof. Zhongmin Qian
Prof Jelena Grbic (External Examiner)

- **Assessors:**

Prof. Charles Batty
Dr Joshua Bull
Dr Richard Earl
Prof. Ben Green
Prof Heather Harrington
Prof. Sam Howison
Prof. Peter Keevash
Prof. Philip Maini
Dr Carlo Meneghelli
Prof. Panos Papazoglou
Prof. Balazs Szendroi
Prof. Ulrike Tillmann
Prof. Andy Wathen
Dr Matthias Winkel