

Examiners' Report: FHS Mathematics and Philosophy Part A; Trinity Term 2016

October 20, 2016

Part I

A Statistics

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

See Table 1, page 1.

Table 1: Numbers in each class

Range	Numbers					Percentages %				
	2016	2015	2014	2013	2012	2016	2015	2014	2013	2012
70–100	6	4	4	6	5	46.15	26.67	25	37.5	27.78
60–69	6	8	10	4	6	46.15	53.33	62.5	25	33.33
50–59	1	1	1	3	6	7.69	6.67	6.25	18.75	33.33
40–49	0	1	1	3	1	0	6.67	6.25	18.75	5.56
30–39	0	0	0	0	0	0	0	0	0	0
0–29	0	1	0	0	0	0	6.67	0	0	0
Total	13	15	16	16	18	(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

The new Part A examination structure was introduced in 2013/14.

The FHS Mathematics Part A paper A1 was split in 2016. Algebra 1 was examined in paper A0 and Differential Equations 1 was examined in paper A1. This meant it was no longer necessary to have a separate paper A1(CP) for the joint schools, as the full cohort now took A0.

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 17th February 2016 and the second notice on the 3rd May 2016.

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 Tuesday 14th June at 2.30pm and ended on Wednesday 22nd June at 11.00am.

Medical certificates and other special circumstances

A sub-set of the Examiners attended a pre-board meeting to band the seriousness of circumstances for each application of factors affecting performance received from the Proctors' office. 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.

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

Table 2, page 3 shows the performances of candidates broken down by gender.

Table 2: Breakdown of results by gender

Range	Total		Male		Female	
	Number	%	Number	%	Number	%
70–100	6	46.15	4	40	-	-
60–69	6	46.15	5	50	-	-
50–59	1	7.69	1	10	-	-
40–49	0	0	0	0	-	-
30–39	0	0	0	0	-	-
0–29	0	0	0	0	-	-
Total	13	100	10	100	3	-

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	13	31.92	7.4	70.62	7.92
A2	13	56.08	14.37	69.62	8.87
A3	8	30.75	6.27	67.25	8.1
A4	3	-	-	-	-
A5	9	32	8.12	65.67	11.73
A8	4	-	-	-	-
ASO	2	-	-	-	-

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

Removed from public version of the report.

F. Names of members of the Board of Examiners

Dr Robin Knight (Chair), Prof. Christopher Douglas, Prof. Sarah Waters, Prof Ulrike Tillmann, Dr Martyn Quick (External Examiner).

Assessors: Dr Jennifer Balakrishnan, Prof Ruth Baker, Prof. Andrew Dancer, Prof Cornelia Drutu, Dr Richard Earl, Prof Peter Keevash, Prof Philip Maini, Prof. James Martin, Prof Lionel Mason, Prof. Kevin McGerty, Prof. Zhongmin Qian.