

# Examiners' Report: FHS Mathematics and Philosophy Part A; Trinity Term 2017

October 26, 2017

## Part I

### A Statistics

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

See Table 1, page 1.

Table 1: Numbers in each class

Range	Numbers						Percentages %					
	2017	2016	2015	2014	2013	2012	2017	2016	2015	2014	2013	2012
70–100	4	6	4	4	6	5	30.77	46.15	26.67	25	37.5	27.78
60–69	4	6	8	10	4	6	30.77	46.15	53.33	62.5	25	33.33
50–59	5	1	1	1	3	6	38.46	7.69	6.67	6.25	18.75	33.33
40–49	0	0	1	1	3	1	0	0	6.67	6.25	18.75	5.56
30–39	0	0	0	0	0	0	0	0	0	0	0	0
0–29	0	0	1	0	0	0	0	0	6.67	0	0	0
Total	13	13	15	16	16	18	100	(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 2 on page 4

## **B. New examining methods and procedures**

There were no changes to examining methods or procedures in 2016–17.

## **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 16th February 2017 and the second notice on the 8th May 2017.

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 13th June and ended on Wednesday 21st June.

#### **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 factors affecting performance application received. 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. Equality and Diversity issues and breakdown of the results by gender**

*This data is not included in the public report as some of the cohorts contain fewer than 6 candidates.*

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

Table 2 on pages 4 gives the statistics for each paper of the examination. In accordance with University guidelines, statistics are not given for papers where the number of candidates was five or fewer.

### **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.

Table 2: Overall statistics for each paper

Paper	Candidates	average Raw	sdRaw	average USM	sdUSM
A0	13	27.38	7.48	62.85	9.76
A2	13	65.15	9.25	63.23	5.89
A3	9	29.11	7.37	64.56	9.19
A4	2	-	-	-	-
A5	10	34	5.89	69.1	7.42
A8	3	-	-	-	-
ASO	2	-	-	-	-

## E. Comments on performance of identifiable individuals

*Removed from the public version of the report.*

## F. Names of members of the Board of Examiners

- **Examiners:**

Dr Robin Knight  
 Dr Neil. Laws  
 Prof. Alex Scott  
 Prof. Ulrike Tillmann  
 Prof. Sarah Waters (Chair)  
 Dr Martyn Quick (External Examiner)

- **Assessors:**

Prof. Ruth Baker  
 Prof. Christopher Beem  
 Dr Richard Earl  
 Prof. Ben Green  
 Prof. Peter Keevash  
 Prof. Philip Maini  
 Prof. James Martin  
 Prof. Lionel Mason  
 Prof. Panos Papazoglou  
 Prof. Zhongmin Qian  
 Prof. James Sparks  
 Prof. Endre Suli  
 Prof. Balazs Szendroi