

# Examiners' Report: FHS Mathematics and Philosophy Part A Trinity Term 2018

November 5, 2018

## Part I

### A Statistics

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

See Table 1, page 1.

Table 1: Numbers in each class

Range	Numbers					Percentages %				
	2018	2017	2016	2015	2014	2018	2017	2016	2015	2014
70–100	0	4	6	4	4	0	30.77	46.15	26.67	25
60–69	11	4	6	8	10	73.33	30.77	46.15	53.33	62.5
50–59	4	5	1	1	1	26.67	38.46	7.69	6.67	6.25
40–49	0	0	0	1	1	0	0	0	6.67	6.25
30–39	0	0	0	0	0	0	0	0	0	0
0–29	0	0	0	1	0	0	0	0	6.67	0
Total	15	13	13	15	16	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 2017–18.

## **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 12th February 2018 and the second notice on the 8th May 2018.

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 12th June and ended on Wednesday 20th 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**

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								
	2018			2017			2016		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
70–100	0	0	0	0	4	4	2	4	6
60–69	5	6	11	1	3	4	1	5	6
50–59	2	2	4	1	4	5	0	1	1
40–49	0	0	0	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	7	8	15	2	11	13	3	10	13

  

Class	Percentage								
	2018			2017			2016		
	Female	Male	Total	Female	Male	Total	Female	Male	Total
70–100	0	0	0	0	36.36	30.77	66.67	40	46.15
60–69	71.43	75	73.33	50	27.27	30.77	33.33	50	46.15
50–59	28.57	25	26.67	50	36.36	38.46	0	10	7.69
40–49	0	0	0	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	29.13	5.26	65.47	4.73
A2	15	45.13	11.5	60	8.04
A3	9	28.56	7	59.78	8.14
A4	2	-	-	-	-
A5	7	32.86	8.17	65.14	7.38
A8	8	36.25	6.07	66.62	8.65
ASO	4	-	-	-	-

### 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**

- **Examiners:**

Prof Fernando Alday (chair)  
Dr Neil. Laws  
Prof. Derek Moulton  
Prof. Nikolay Nikolov  
Prof. Ulrike Tillmann  
Dr Martyn Quick (External Examiner)

- **Assessors:**

Prof. Ruth Baker  
Prof. Charles Batty  
Prof. Christopher Beem  
Dr Richard Earl  
Prof. Ben Green  
Prof. Peter Keevash  
Prof. Jan Kristensen  
Prof. Philip Maini  
Prof. Lionel Mason  
Prof. Derek Moulton  
Prof. Panos Papazoglou  
Dr Matthias Winkel