

Examiners' Report
Oxford Masters in Mathematical Sciences (OMMS)
Trinity Term 2019

Please note that the 2018-2019 academic year was the first year the course was running, thus, there is no previous data.

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 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. The Mathematics dissertations and mini-projects were double-marked. A comprehensive independent checking procedure is also followed. (See the Mathematics Part C report for details.)

Table 1: Numbers in each class

	Number	Percentages %
	2019	2019
Distinction	16	50.0
Merit	6	18.8
Pass	9	28.1
Fail	1	3.1
Total	32	100

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

None.

C. Notice of examination conventions for candidates

The first notice to candidates was issued on 1st February 2019 and the second notice on 1st May 2019. These contain details of the examinations and assessments.

All notice and the examination conventions for 2019 are available on-line at:

<https://www.maths.ox.ac.uk/members/students/postgraduate-courses/omms-part-c/examinations-and-assessments/part-c-and-omms>.

Part II

A. General Comments on the Examination

The examiners are very grateful to Gemma Proctor, 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 the Academic Administration Team for all their work during the busy exam period. We are grateful also to examiners and assessors 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. Richard Jozsa, Dr Jon Woolf and Prof. Christophe Andrieu, for generously performing their special roles in this process.

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

See Table 2, page 3 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.

Table 2: Statistics by paper (Mathematics papers)

Paper	Number of Candidates	AvgRaw	StdevRaw	AvgUSM	StdevUSM
C1.1	-	-	-	-	-
C1.2	-	-	-	-	-
C1.3	-	-	-	-	-
C1.4	-	-	-	-	-
C2.1	-	-	-	-	-
C2.2	-	-	-	-	-
C2.3	-	-	-	-	-
C2.4	-	-	-	-	-
C2.5	-	-	-	-	-
C2.6	-	-	-	-	-
C2.7	7	26.43	9.54	58	19.27
C3.1	-	-	-	-	-
C3.2	-	-	-	-	-
C3.3	7	34.57	5.71	71	6.73
C3.4	-	-	-	-	-
C3.5	-	-	-	-	-
C3.7	-	-	-	-	-

Paper	Number of Candidates	AvgRaw	StdevRaw	AvgUSM	StdevUSM
C3.8	-	-	-	-	-
C3.9	-	-	-	-	-
C3.10	-	-	-	-	-
C4.1	-	-	-	-	-
C4.3	-	-	-	-	-
C4.4	-	-	-	-	-
C4.6	-	-	-	-	-
C4.8	-	-	-	-	-
C5.1	7	181.4	6.09	56	7.81
C5.2	-	-	-	-	-
C5.4	11	-	-	69.18	6.13
C5.5	7	23.29	5.47	62.14	3.53
C5.6	-	-	-	-	-
C5.7	-	-	-	-	-
C5.9	-	-	-	-	-
C5.10	8	-	-	61.38	12.44
C5.11	6	20.83	6.85	55.33	7.55
C5.12	-	-	-	-	-
C6.1	10	27.8	8.79	61	10.77
C6.2	7	27.14	9.35	62.43	7.98
C6.3	-	-	-	-	-
C6.4	-	-	-	-	-
C6.5	-	-	-	-	-
C7.1	-	-	-	-	-
C7.4	-	-	-	-	-
C7.5	-	-	-	-	-
C7.6	-	-	-	-	-
C8.1	-	-	-	-	-
C8.2	-	-	-	-	-
C8.3	-	-	-	-	-
C8.4	-	-	-	-	-
SC1	7	36.57	6.02	66.43	4.58
SC2	9	33.22	9.26	65	9.04
SC4	-	-	-	-	-
SC5	-	-	-	-	-
SC6	7	29.71	12.72	69.86	15.76
SC7	-	-	-	-	-
SC8	-	-	-	-	-
SC9	-	-	-	-	-
SC10	-	-	-	-	-
CCS1	-	-	-	-	-
CCS2	-	-	-	-	-
CCS3	-	-	-	-	-
CCD	31	-	-	71.68	10.72
COD	-	-	-	-	-

D. Recommendations for Next Year's Examiners and OMMS Supervisory Committee

None

E. Comments on sections and on individual questions

See reports from Mathematics examiners.

F. Names of members of the Board of Examiners

Internal Examiners:

Prof. G-Q Chen

Prof. P Dellar

Prof. M Kim

Prof. M Lackenby (Chair)

Prof. J Martin

Prof. G Nicholls

Prof. H Oberhauser

External Examiners:

Prof. C Andrieu

Prof. R Jozsa

Dr J Woolf