# CAMBRIDGE UNIVERSITY REPORTER

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#### NOTICES

#### Calendar

25 November, Saturday. Congregation of the Regent House at 2 p.m. (see p. 142).

29 November, Wednesday. End of third quarter of Michaelmas Term.

1 December, Friday. Full Term ends.

5 December, *Tuesday*. Discussion at 2 p.m. in the Senate-House (see below).

19 December, Tuesday. Michaelmas Term ends.

Discussions (at 2 p.m.)

Congregations

5 December

25 November, Saturday at 2 p.m.

## Discussion on Tuesday, 5 December 2017

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 105), as well as all students in the University and all employees of the University and Colleges, to attend a Discussion in the Senate-House on Tuesday, 5 December 2017 at 2 p.m., for the discussion of:

- 1. Topic of concern to the University: the University's investments (see *Reporter*, 6484, 2017–18, p. 108).
- 2. Report of the Council, dated 20 November 2017, on building works at the ADC Theatre (p. 140).

Further information on Discussions, including details on format and attendance, is provided at https://www.governance.cam.ac.uk/governance/decision-making/discussions/.

## Election to the University Council in class (a): Heads of Colleges

20 November 2017

The Vice-Chancellor gives notice that a bye-election is to be held to fill a casual vacancy on the Council in class (a) (Heads of Colleges) under Statute A IV 2, following Mr Laing's decision to step down with effect from 31 December 2017.

The Council is the principal executive and policy-making body of the University. It has general responsibility for the administration of the University, for defining its mission, for the planning of its work, and for the management of its resources. The Council deals with relations between the University and the Colleges, and conducts negotiations with outside bodies on many matters (other than those relating directly to the educational and research programmes of the University, which are dealt with on its behalf by the General Board of the Faculties). It is responsible for the appointment or nomination of certain members of internal and external bodies, and for many student matters (excluding the selection of entrants, which is a College concern). Further information about the Council is available to members of the University on the Council website (https://www.governance.cam.ac.uk/committees/council/). Questions about its work can be addressed to the Registrary by emailing registrary@admin.cam.ac.uk.

## Duties and responsibilities of Council members

Council membership offers a particularly rewarding and demanding experience. The University is both an exempt charity, and a corporation established by common law. As such, Council members are both charity trustees of the University and, effectively, its corporate directors. They have associated legal responsibilities and duties, and are required to promote the interests of the University and act with integrity, care, and prudence.

It is strongly recommended that those considering standing for nomination review the Handbook for Members of the Council, which sets out the Council's primary responsibilities. Section 1 of the Handbook provides advice and guidance to members of Council on their legal and other responsibilities. The Handbook is available to members of the University to download from the bottom of the Council webpage at https://www.governance.cam.ac.uk/committees/council/handbook-2017/. Potential nominees might also wish to familiarize themselves with the key aspects of the University's *Statutes and Ordinances* (http://www.admin.cam.ac.uk/univ/so/), the most recent Budget and Allocations Report (*Reporter*, 6469, 2016–17, p. 604), and the Annual Report and Financial Statements (*Reporter*, 6448, 2016–17, p. 201).

Further useful information is provided by HEFCE (http://www.hefce.ac.uk/reg/charityreg/), and the Charity Commission (https://www.gov.uk/government/publications/the-essential-trustee-what-you-need-to-know-cc3). This information includes details of the extent of a charity trustee's personal liability. Instances of personal liability are rare and unlikely to occur, providing trustees act honestly, prudently, in good faith, and in the best interests of the University, and in compliance with legislation and the University's governing documents. Nonetheless, it is important for nominees to recognize and accept the obligations that Council membership would confer upon them.

<sup>&</sup>lt;sup>1</sup> The University has charitable status but is exempt from the statutory requirement which otherwise obliges a charity to register with the Charity Commission. HEFCE is the principal regulator of the University as regards its compliance with its legal obligations in exercising control and management of its administration as a charity.

#### Nomination procedure and election timetable

In order to be eligible, a candidate for election to the Council must be nominated on a paper sent to the Vice-Chancellor at the Old Schools so as to be received not later than **12 noon on Friday, 8 December 2017**. The nomination paper must contain (a) a statement signed by two members of the Regent House, nominating the candidate for election and specifying the class in which he or she is nominated, and (b) a statement signed by the candidate certifying that he or she consents to be so nominated. The candidate is also required to provide a statement of her or his *curriculum vitae* by the same date (see below).

The Vice-Chancellor would be obliged if nominations could be delivered to the Registrary in the Old Schools during office hours. Nominations will be published on the Senate-House Noticeboard as they are received; the complete list of nominations will be published in the *Reporter* on Wednesday, 13 December 2017.

In accordance with the regulations governing the election (*Statutes and Ordinances*, p. 112), each person nominated for election is required to send to the Registrary, not later than 12 noon on Friday, 8 December 2017, a statement of her or his *curriculum vitae* for distribution to members of the Regent House with the voting papers. It is suggested that such a statement should be of not more than 500 words in length, and that it should cover the following points:

- the candidate's present position in the University;
- · previous posts held, whether in Cambridge or in other universities or outside the university system, with dates;
- the candidate's reasons for standing for election, and the experience and skills they would bring to the role;
- a note of the candidate's particular interests within the field of University business.

If the election is contested, it will be conducted by ballot under the Single Transferable Vote regulations. Online voting will open at 10 a.m. on Monday, 8 January 2018 and close at 5 p.m. on Thursday, 18 January 2018. Hard-copy voting papers and supporting materials will be distributed not later than Monday, 8 January 2018 to those who opted by 2 November 2017 to vote on paper; the last date for the return of voting papers will be **5 p.m. on Thursday, 18 January 2018**.

## **Ballot of the Regent House: Voting now open**

The following ballot is currently open for voting by members of the Regent House:

• Election to the Board of Scrutiny of one candidate in class (c)(i): a person who has been a member of the Regent House for not more than ten years on 1 October 2018.

Voting information, including candidate statements, is available online at https://www.governance.cam.ac.uk/ballots/voting/Pages/BoS-MT2017.aspx [Raven only]. Voting closes at 5 p.m. on Thursday, 30 November 2017.

## VACANCIES, APPOINTMENTS, ETC.

## **Vacancies in the University**

A full list of current vacancies can be found at http://www.jobs.cam.ac.uk.

Clinical Lecturer in Geriatric Medicine (with an interest in stroke) in the Department of Medicine (fixed-term); salary: £32,478–£57,444; closing date: 18 December 2017; further details: http://www.jobs.cam.ac.uk/job/15760; quote reference: RC14021

The University values diversity and is committed to equality of opportunity.

The University has a responsibility to ensure that all employees are eligible to live and work in the UK.

## EVENTS, COURSES, ETC.

## Announcement of lectures, seminars, etc.

The University offers a large number of lectures, seminars, and other events, many of which are free of charge, to members of the University and others who are interested. Details can be found on individual Faculty, Department, and institution websites, on the What's On website (http://www.admin.cam.ac.uk/whatson/), and on Talks.cam (http://www.talks.cam.ac.uk/).

Brief details of upcoming events are given below.

Spanish and Portuguese Norman MacColl Symposium and Annual Lecture: *Building films:* conversations with Brazilian filmmaker Kleber Mendonça Filho, including a lecture and Q&A with Kleber Mendonça Filho, Brazilian filmmaker, at 2 p.m. on Saturday, 25 November 2017, in Room SG1, CRASSH, Alison Richard Building, 7 West Road. Attendance is free but registration is required.

http://www.latin-american. cam.ac.uk/sites/default/ files/building\_films\_ programme 3.pdf

#### NOTICES BY THE GENERAL BOARD

## Senior Academic Promotions, 1 October 2018 exercise: Committees

The General Board has appointed the following as members of its Senior Academic Promotions Committee and Sub-Committees for the 1 October 2018 Senior Academic Promotions exercise.

The Vice-Chancellor Professor Stephen Toope (Chair)

Professor Liba Chaia Taub (Arts and Humanities)

Professor Elizabeth Ann Howlett Hall (Biological and Medical Sciences)

Professor Koen Alexander Steemers (Humanities and Social Sciences)

Professor Ian Hugh White (Physical Sciences)

Professor Jeremy Keith Morris Sanders (Technology) (TBC)

Externals

Professor Christopher Carey (University College London) (Arts and Humanities)

Professor Moira Whyte (University of Edinburgh) (Biological and Medical Sciences)

Professor Louise Gullifer (University of Oxford) (Humanities and Social Sciences)

Professor Alison Etheridge (University of Oxford) (Physical Sciences)

Professor Rebecca Cheung (University of Edinburgh) (Technology)

#### GENERAL BOARD'S SUB-COMMITTEES

Arts and Humanities Professor Liba Chaia Taub (Chair)

Professor Wendy Margaret Bennett
Professor Judith Margaret Lieu
Professor Simon David Goldhill
Professor Martin John Millett
Professor Johan Jacob van de Ven
Professor Christopher Carey (External)

Biological and Medical Sciences Professor Elizabeth Ann Howlett Hall (Chair)

Professor Matthew James Allen Professor Fiona Jane Gilbert Professor Beverley Jane Glover Professor Abigail Lesley Fowden Professor Rebecca Mary Kilner Professor Patrick Henry Maxwell Professor Moira Whyte (External)

Humanities and Social Sciences Professor Koen Alexander Steemers (Chair)

Professor Philip Michael Allmendinger Professor David James Reynolds Professor Martin Kenneth Jones Professor Kaivan Dara Munshi Professor Anna Frances Vignoles Professor Louise Gullifer (External)

Physical Sciences Professor Ian Hugh White (Chair)

Professor Simon Conway-Morris

Professor Paul Kingsley Townsend (TBC)

Professor Serena Michelle Best Professor Alan Lindsay Greer Professor Michael Christopher Payne Professor Alison Etheridge (External) Technology Professor Jeremy Keith Morris Sanders (Chair)

Professor Ann Alicia Copestake
Professor John Stephen Dennis
Professor Vikram Sudhir Deshpande
Professor Richard William Prager
Professor Jaideep Charles Prabhu
Professor Rebecca Cheung (External)

#### **FACULTY PROMOTION COMMITTEES**

#### 1. School of Arts and Humanities

Faculty or other institution

Combined Faculty Promotions Committee One: Architecture and History of Art, English, Music, Philosophy, and Divinity Members appointed

Professor Francois Andre Penz (Chair)
Professor Susan Smith (GB Member)
Professor Maire Ni Mhaonaigh
Professor Garth Lowther Fowden
Professor Nicholas John Marston
Professor Peter Leslie de Bolla
Professor John Francis Kerrigan
Professor Caroline Alexandra Van Eck
Professor Michael David Potter
Dr Peter John Harland (Secretary)

Combined Faculty Promotions Committee Two: Classics, Modern and Medieval Languages, and

Classics, Modern and Medieval Languages, and Asian and Middle Eastern Studies

Professor Geoffrey Allan Khan (Chair)

Professor Susan Kathleen Rankin (GB Member)

Professor Sven Mikael Adolphson Professor Gabor Sandor Betegh Professor Steven Rowland Boldy Professor William E. Burgwinkle Professor Winifred Mary Beard Professor Emma Fiona Wilsonbe Professor Ianthi Maria Tsimpli Ms Nadya Mullen (Secretary)

## 2. School of the Biological Sciences

Faculty or other institution

**Biology and Veterinary Medicine** 

Members appointed

Professor Beverley Jane Glover (*Chair*)
Professor Anna Philpott (GB Member)
Professor Mark Henry Johnson
Professor William Anthony Harris
Professor Paul Martin Brakefield
Professor John Michael Edwardson

Professor Gerard Ian Evan

Professor Anne Carla Ferguson-Smith

Professor Alison Gail Smith Professor Geoffrey Lilley Smith Professor James Lionel Norman Wood Ms Catharine Jane Butler (Secretary)

#### 3. School of Clinical Medicine

Faculty or other institution Members appointed

Clinical Medicine Professor Peter Brian Jones (Chair)

Professor Christine Jannette Watson (GB Member)

Professor Andrew William McCaskie Professor Patrick Francis Chinnery

Professor John Danesh

Professor Richard James Gilbertson

Professor Gillian Griffiths Professor Kay-Tee Khaw

Professor Eamonn Richard Maher Professor Sir Stephen O'Rahilly

Professor Susan Ozanne

Professor Sylvia Therese Richardson Professor Kenneth George Campbell Smith

Dr Litsa Maria Biggs (Secretary)

## 4. School of the Humanities and Social Sciences

Faculty or other institution Members appointed

**Economics** Professor Sanjeev Goyal (*Chair*)

Professor Pauline Margaret Rose (GB Member)

Professor Giancarlo Corsetti Professor Christopher John Harris Professor Oliver Bruce Linton Professor Sheilagh Catheren Ogilvie Ms Emma Louise Newman (Secretary)

**Education** Professor Susan Lee Robertson (*Chair*)

Professor Loraine Ruth Renata Gelsthorpe (GB Member)

Professor Geoffrey Francis Hayward Professor Pauline Margaret Rose Professor Keith Stephen Taber

Professor Johannes Dominicus Hyacinthus Maria Vermunt

Ms Kate Marie-Josephine Allen (Secretary)

**History** Professor Peter Mandler (*Chair*)

Professor Marie Louise Stig Sorensen (GB Member)

Professor John Hugh Arnold
Professor Gareth Meredith Austin
Professor Saul Herman Dubow
Professor Mary Rachel Laven
Professor Timothy Norman Harper
Dr Elizabeth Haresnape (Secretary)

Human, Social, and Political Sciences, and the Department of History and Philosophy of Science Professor Simon John Schaffer (Chair)

Professor Loraine Ruth Renata Gelsthorpe (GB Member)

Professor Marc Weller Professor Susan Banks Bayly Professor John Ernest Robb

Professor John Brookshire Thompson Ms Suzanne Frances Adcock (Secretary) Law, Land Economy, and Criminology

Professor Ronald Leonard Martin (Chair and GB Member)

Professor Catherine Sarah Barnard Professor Mark Christopher Elliot Professor Richard Griffith Fentiman Professor Christine Diana Gray

Professor Loraine Ruth Renata Gelsthorpe

Professor Colin Martyn Lizieri Professor Martin John Dixon

Professor Peter Tyler

Ms Laura Clare Smethurst (Secretary)

## 5. School of the Physical Sciences

Faculty or other institution Members appointed

Earth Sciences and Geography Professor Simon Anthony Turner Redfern (Chair)

Professor Henrietta Miriam Ottoline Levser (GB Member)

Professor Nicholas James Butterfield Professor Michael Allan Carpenter

Professor Matthew Gandy Professor Michael Hulme Professor Ashit Hariprasad Amin Professor Christine Susanna Lane Professor Andrew William Woods

Dr Adam Nigel Strange (Secretary)

**Mathematics** Professor Peter Howard Haynes (Chair)

Professor Catherine Jane Clarke (GB Member)

Professor John Alexander David Aston

Professor Natalia G. Berloff Professor Richard John Samworth

Professor Ivan Smith

Professor Harvey Stephen Reall Professor Gabriel Pedro Paternain

Professor Nigel Peake Professor David Tong Ms Hannah Fox (Secretary)

**Physics and Chemistry** Professor Gerard Francis Gilmore (Chair)

Professor Marian Barbara Holness (GB Member)

Professor Jonathan Russell Nitschke Professor Mark Giffard Blamire Professor Catherine Jane Clarke Professor Richard Gerard McMahon Professor Christopher Allim Haniff Professor Christopher Alexander Hunter Professor Michael Andrew Parker

Professor John Adrian Pyle Professor Henning Sirringhaus Professor Ruth Elizabeth Cameron

Ms Mary Howe (Secretary)

## 6. School of Technology

Faculty or other institution Members appointed

**Business and Management** Professor Jochen Heiko Runde (*Chair*)

Professor Nicola Susan Clayton (GB Member)

Professor Christoph Hubert Loch Professor Michael Gerald Pollitt Dr Sucheta Subhash Nadkarni Professor Michael Ian Barrett Professor Stylianos Kavadias Ms Julie Brown (Secretary)

Computer Science and Technology Professor Simon William Moore (Chair)

Professor Sabine Bahn (GB Member)

Professor Cecilia Mascolo Professor Andrew Hopper Professor John Gustav Daugman

Professor Anuj Dawar

Ms Caroline Anne Stewart (Secretary)

Engineering, and

Chemical Engineering and Biotechnology

Professor David Anthony Cardwell (*Chair*) Professor Valerie Gibson (GB Member)

Professor William Joseph Byrne Professor Robert Stewart Cant

Professor Geoffrey Dillwyn Moggridge

Professor Jochen Axel Zeitler
Professor Simon David Guest
Professor Robin Stewart Langley
Dr Timothy Herbert Warren Minshall
Professor Sir Mark Edward Welland

Ms Sally Dorothy Winton Collins-Taylor (Secretary)

## REGULATIONS FOR EXAMINATIONS

## **History and Modern Languages Tripos**

(Statutes and Ordinances, p. 343)

## With immediate effect

The General Board, on the recommendation of the Faculty Board of Modern and Medieval Languages, has approved the insertion of a temporary regulation to specify the year in which each examination will be held for the first time.

By inserting the following temporary regulation, as Regulation 21:

#### TEMPORARY REGULATION

21. The examinations for the History and Modern Languages Tripos shall be held for the first time as follows:

Part IA in 2018;

Part IB in 2019;

Part II in 2020.

## **History and Politics Tripos**

(Statutes and Ordinances, p. 351)

#### With immediate effect

The General Board, on the recommendation of the Faculty Board of History, has approved the insertion of a temporary regulation to specify the year in which each examination will be held for the first time and for Regulation 11(b) to be changed so that the minimum terms kept should be three.

By replacing 'seven' with 'three' in Regulation 11(b).

By inserting the following temporary regulation, as Regulation 18:

#### TEMPORARY REGULATION

**18.** The examinations for the History and Politics Tripos shall be held for the first time as follows:

Part IA in 2018; Part IB in 2019;

Part II in 2020.

## Modern and Medieval Languages Tripos: Correction

(Statutes and Ordinances, p. 390)

#### With immediate effect

The Notice published on 21 June 2017 (*Reporter*, 6470, 2016–17, p. 668) contained an error. A correction to Schedule IB to remove the footnote from Paper Sp.6 following its reinstatement in Schedule B was mistakenly omitted. The listed amendments to Schedule IB should have included the following:

Schedule Ib

By amending the Schedule so as to:

(h) remove the footnote to Paper Sp.6.

## Diplomas and Certificates open to non-members of the University

(Statutes and Ordinances, p. 590)

The General Board, on the recommendation of the Strategic Committee of the Institute of Continuing Education, has approved the following additions to the Schedule of Diplomas and Certificates open to non-members of the University:

Certificates

Institute of Continuing Education

#### With effect from 1 January 2018

Postgraduate Certificate in Advanced Clinical Practice

## With effect from 1 September 2018

Postgraduate Certificate in Biocuration

## NOTICES BY FACULTY BOARDS, ETC.

## Mathematical Tripos, Part III, 2018: Essay titles

In accordance with Regulations 18 and 19 for the Mathematical Tripos (*Statutes and Ordinances*, p. 381), the Examiners have published a list of essay titles on which candidates may submit an essay. The full list of essay titles and further guidelines are available at http://www.maths.cam.ac.uk/postgrad/mathiii/part-iii-essays.

Candidates are reminded that they may request leave to submit an essay on a topic other than those given in the list, provided that the request is made, through their Director of Studies, so as to reach the Secretary of the Faculty Board, c/o the Undergraduate Office, Faculty of Mathematics, Wilberforce Road (email: undergrad-office@maths.cam.ac.uk), not later than 1 February 2018.

A candidate who proposes to submit an essay should inform the Chair of Examiners, through her or his Director of Studies, on a form which will be provided, by 4 May 2018. Candidates should submit their essay, through her or his Director of Studies, so as to reach the Chair of Examiners not later than 4 May 2018.

## Chancellor's Medal for English Law, 2018: Additional eligible paper

Following on from the original list published on 26 July 2017 (*Reporter*, 6475, 2016–17, p. 799), the Faculty Board gives notice of another paper prescribed for the LL.M. Examination, 2018, which is deemed to be a paper in English Law and Legal History for the purpose of the award of the Chancellor's Medal for English Law (*Statutes and Ordinances*, p. 802):

Paper 8. International financial law

## FORM AND CONDUCT OF EXAMINATIONS

Notices by Faculty Boards, or other bodies concerned, of changes to the form and conduct of certain examinations to be held in 2017–18, by comparison with those examinations in 2016–17, are published below. Complete details of the form and conduct of all examinations are available from the Faculties or Departments concerned.

## Economics Tripos, Parts I and IIA, 2017–18

The Faculty Board of Economics gives notice that, with effect from the examinations to be held in 2018, the form of the examinations for the following papers for the Economics Tripos will be amended as outlined below.

PART I

Paper 2. Macroeconomics

Previously, this paper was sectioned, with students being required to answer six compulsory questions in Section A, and two out of six questions in Section B; each question within each section carried equal weight.

The number of questions set in Section B will now be reduced from six to four questions.

PART IIA

Paper 7. Labour

Previously this was an unsectioned paper with students required to answer four out of eight questions.

This paper will now be sectioned and students will be required to answer four questions in total, with:

- Two questions out of three on supply and demand, human capital [50%]
- One question out of two on signalling, wage structure, and unions [25%]
- One question out of two on family, the state, and the labour market [25%]

## History of Art Tripos, Part I, 2018

The Faculty Board of Architecture and History of Art gives notice that, with effect from the examination to be held in 2018, the form of the examination for the following paper for Part I of the History of Art Tripos will be as follows:

Paper 4. The meaning of architecture and art

Candidates must answer three questions in total, at least one from each of Section A and Section B. Each section contains six questions and all questions will carry equal marks.

All other papers remain unchanged.

## **Law Tripos**, 2017–18

The Faculty Board of Law gives notice that, with effect from the examinations to be held in 2017–18, the form and/or conduct of the examination for the following papers for the Law Tripos will be changed as follows:

Paper 13. Law of Tort

Candidates are permitted to take Blackstone's Statutes on Contract, Tort, and Restitution (any edition) into the examination.

Paper 36. Comparative law

The paper will contain no fewer than nine questions of which candidates will be required to attempt any four. Candidates are permitted to take the Faculty's *French and German Civil Codes in Translation* into the examination.

Paper 39. Human rights law

The paper will contain no fewer than eight questions of which candidates will be required to attempt any four. Candidates are permitted to take the Faculty's *Materials on Human Rights Laws* (2017–18) into the examination.

HALF PAPERS

Paper 49G. Law of succession

The paper will contain no fewer than six questions of which candidates will be required to attempt any three.

Candidates are permitted to take Blackstone's *Statutes on Property Law*, Butterworth's *Property Law Handbook*, Routledge's *Property Law Statutes* (any edition), and the Faculty's materials on *Inheritance Tax* into the examination.

Paper 49I. Topics in legal and political philosophy

The paper will contain no fewer than five questions of which candidates will be required to attempt any three. Candidates are not permitted to take any materials into the examination.

Paper 49M. Banking law

The paper will contain no fewer than six questions of which candidates will be required to attempt any three. Candidates are permitted to take the Faculty's *Banking Law Materials* (2017–18) into the examination.

Paper 49O. Personal information law

The paper will contain no fewer than six questions of which candidates will be required to attempt any three. Candidates are permitted to take the Faculty's *Personal Information Law Materials* (2017–18) into the examination.

All other parts of the examination remain unchanged.

## Modern and Medieval Languages Tripos, Parts IA, IB, and II, 2018

The Faculty Board of Modern and Medieval Languages gives notice that, with effect from the examination to be held in 2018, the form of the examination for the following papers for the Modern and Medieval Languages Tripos will be as specified below.

SCHEDULE A

#### German

GEA1. Introduction to the German language 1 (listening comprehension test)

The Listening Comprehension test carries 30% of the total marks for Paper GEA1.

The examination lasts for 60 minutes. When the examination commences candidates will have two minutes in which to read the exam questions. The passage for comprehension will then be played twice. There will be a five-minute pause between each playing of the passage. Candidates may take notes throughout. After the second playing candidates may begin to write their answers.

No changes have been made to the GEA1 Comprehension and German examination.

## Spanish

SPB2. Translation from Spanish

Candidates will be required to answer two questions in two hours.

The exercise analysing the translation of a Spanish poem into English has been replaced by a translation from Spanish into English from the period 1820–1940 (approximately).

SCHEDULE B

#### French

Fr.10. Enlightenment and its limits

Candidates will be required to answer three questions, one from each section.

For Section B, candidates will be required to discuss one of a list of six propositions with reference to a range of material from the period.

## Portuguese

Pg.1. Introduction to the language, literatures, and cultures of Portuguese-speaking countries

Candidates will be required to answer three questions. Candidates may not answer more than one question from each section on the examination paper. For questions on literature, film, and the visual arts, candidates will be required to cover material from at least two different countries in the Portuguese-speaking world and two different media (literature, film, the visual arts).

Candidates must not draw on substantially the same material for more than one answer. Answers to Section 6 must be completed in a separate answer booklet.

Pg.3. Introduction to the language, literatures, and cultures of the Portuguese-speaking world

The paper will be assessed by two separate elements. Candidates must take both elements. The two elements shall be:

Element 1: PG.3C A two-hour examination on the literatures and cultures of the Portuguese-speaking world

Candidates will be required to answer two questions. Candidates will be required to cover material from at least two Portuguese-speaking countries and two media (literature/film/art) in their answers. Candidates may not draw substantially on material from their dissertations or material which they have used or intend to use in another scheduled paper. Candidates may not draw substantially on the same material in more than one question on the same paper.

Element 2: PG3L Language examination. No changes have been made to this.

#### **Slavonic Studies**

Sl.4. Russian culture from the Golden Age to the Silver Age

Candidates will be required to answer three questions, of which at least one must be taken from Section A.

Each answer in Section B must refer to at least two texts.

Candidates may not draw substantially on material from their dissertations or material which they have used or intend to use in another scheduled paper. Candidates may not draw substantially on the same material in more than one question on the same paper.

Sl.14. Russian culture from 1895 to the death of Stalin

This paper has a new title.

Candidates will be required to answer three questions. Candidates must answer at least one question from Section A, and must ensure that at least one of their questions refers substantively to more than one author/film-maker/visual artist.

Candidates must ensure that at least two of their answers on the paper as a whole refer substantively to at least one literary text

Candidates may not draw substantially on material from their dissertations or material which they have used or intend to use in another scheduled paper. Candidates may not draw substantially on the same material in more than one question on the same paper.

#### Spanish

Sp.6. Introduction to Catalan language and culture

Candidates will be required to answer all questions. Candidates are advised to spend no more than 30 minutes on Section A. Candidates should spend no less than one hour on Section C.

Answers to Questions 1 to 5 should be filled in on the question paper itself and should be handed in together with the answer booklet.

Answers to Questions 6, 7, and 8 should be written in the answer booklet.

The percentage of marks available for the language element (counting for 66% of the paper) is indicated at the end of each question or group of questions.

Candidates will be required to take a 10–12-minute oral examination designed to test punctuation, reading skills, and basic conversation. Candidates will be asked to read out from a passage, give a presentation on a chosen topic, answer questions on their presentation, and contribute to a general conversation.

## Natural Sciences Tripos, 2017–18

The Committee of Management for the Natural Sciences Tripos gives notice that the form and conduct of the following papers has been amended:

PART IA

#### Mathematical Biology

There will be one written paper of three hours duration carrying 80% of the total marks. Section A will consist of questions on material covered in the first half of the Michaelmas Term; Section B of questions on material covered in the second half of the Michaelmas Term; Section C of questions on material covered in the first half of the Lent Term; Section D of questions on material covered in the second half of the Lent Term; and Section E of questions on material covered in the Easter Term. There will be two questions in each section and candidates will be required to answer eight questions, selecting at least one question from each section. At most one of the questions in Section B will require material covered in the last six lectures of the Michaelmas Term. Questions for Sections A to D will be restricted to assess only material covered in relevant lectures; questions for Section E may assess material that was covered during relevant lectures or practical classes.

Assessment of the practical component of the course will carry 20% of the total marks. Candidates will be required to submit two written exercises for assessment. One written exercise will be set on the material covered during the Michaelmas Term and one written exercise will be set on the material covered during the Lent Term. The first exercise must be submitted for assessment by the beginning of Week 3 of the Lent Term; the second must be submitted by the beginning of Week 3 of the Easter Term.

PART IB

#### **Earth Sciences A**

The form of the examination for the following papers for Part IB ESA of the Earth Sciences course will be changed as follows:

There are two theory papers, each of three hours' duration, which count towards 60% of the exam. Each paper is divided into two sections of five questions. Students are required to answer two questions from each section.

Earth Sciences A – Paper 1

The sections approximately comprise:

- A. Structures, sedimentary basins
- B. Tectonics and geodynamics; Ocean circulation and chemistry

Earth Sciences A – Paper 2

The sections approximately comprise:

- A. Stratigraphy and siliclastic sediments; Chemical and biogenic sediments
- B. Evolutionary palaeobiology; Micropalaeontology; Vertebrate evolution

PART II

#### **BBS Minor Subject: General Practice and Primary Care Research**

There will be one written paper of three hours' duration, with three sections. Each section will carry equal marks.

Section 1: Research methods, their strengths, weaknesses, and applicability. Three short answer questions,

from a choice of five.

Section 2: Critical appraisal of a Primary Care research paper. Several compulsory questions, relating to a

single research paper.

Section 3: Current issues, challenges, and methods in a specific field of GP and Primary Care research. One

essay question, from a choice of two.

#### History and Philosophy of Science

The Department of History and Philosophy of Science gives notice that the number of questions on the examination papers for NST II BBS113 Early Medicine and NST II BBS114 Modern Medicine and Biomedical Sciences will be increased from eight to twelve.

## Chemistry

Candidates must take Paper 1, Paper 2A or 2B, Paper 3, and Paper 4.

Paper 1 (duration: 2 hours and 40 minutes), will consist of two sections. Section A will contain four compulsory five-minute questions relating to course A1 and four compulsory five-minute questions relating to course A2. Section B will contain two compulsory 30-minute questions relating to course A2.

Paper 2A (duration: 2 hours and 40 minutes), will consist of two sections. Section A will contain four compulsory five-minute questions relating to course A3 and four compulsory five-minute questions relating to course A4. Section B will contain two compulsory 30-minute questions relating to course A4.

Paper 2B (duration: 2 hours and 40 minutes), will consist of two sections. Section A will contain eight compulsory five-minute questions relating to course A6. Section B will contain four compulsory thirty-minute questions relating to course A6.

Paper 3 (duration: 3 hours), will contain two 45-minute questions relating to each twelve-lecture 'B' course and one 45-minute question relating to each six-lecture 'B' course; candidates should answer four questions, without restriction.

Paper 4 (duration: 3 hours), will contain two 45-minute questions relating to each twelve-lecture 'C' course and one 45-minute question relating to each six-lecture 'C' course; candidates should answer four questions, without restriction.

## **Physics**

Candidates are required to take the following:

- (a) a computing exercise;
- (b) three or more units of further work, as outlined in the Physics Course Handbook. If a candidate offers more than three units of further work the Examiners will take into account the three units which they judge to be the best;
- (c) papers 1, 2, 3, and 4;
- (d) a minimum of three and a maximum of four from papers 5, 6, 7, and 8. If a candidate offers four papers the Examiners will take into account the three papers which they judge to be the best.

Each paper is of two hours' duration and shall contain four questions. Question 1 shall consist of three short parts of approximately equal weight. The remaining questions shall generally each consist of a mix of discursive material (short notes, essays, etc.) and problems, with the proportion of each being at the Examiners' discretion. Candidates must attempt Question 1 and two other questions. Question 1 has approximately one quarter of the total weight of the paper. The remaining questions all have equal weight.

The titles and total marks for each paper are unchanged.

#### Physical Sciences – Half Subject Chemistry

The attention of candidates is drawn to the above changes in the format of Papers 1, 2A, 3, and 4 for NST Part II Chemistry. Candidates for Half-Subject Chemistry are required to take:

Either Paper 1 or Paper 2A

Paper 3, but with a duration of 1 hour 30 minutes; candidates are required to answer two questions.

Paper 4, but with a duration of 1 hour 30 minutes; candidates are required to answer two questions.

#### **Psychology**

Each candidate shall offer:

Four written papers of three hours each, Papers 1–3, and one paper chosen from PBS 6, PBS 7, PBS 8, and PBS 9. Candidates shall answer three questions from each paper. BBS candidates may not answer questions on any PBS paper that they are taking as their PBS Minor.

## Psychology, Neuroscience, and Behaviour

Each candidate shall offer:

- (a) four written papers of three hours each. Each paper will carry 16% of the total marks and will examine the material from one taught module.
- (b) a report of a research project. The report will consist of not more than 8,000 words, plus a summary of not more than 500 words but excluding tables, figure legends, footnotes, bibliography, acknowledgements, and appendices. It is to be submitted to the Examiners for assessment not later than the fifth day of Full Easter Term. The report will carry 36% of the total marks for the examination.

#### Zoology

Papers ZM7 From Genome to proteome and ZL7 Cell cycle, signalling, and cancer will now be borrowed from Part II Biochemistry instead of being set by the Part II Zoology examiners, and candidates will answer one question from a choice of two in Section I, and two from a choice of five in Section II.

Paper PLM3 Evolution and ecosystem dynamics will be borrowed from Part II Plant Sciences instead of being set by the Part II Zoology examiners, and candidates will answer three questions from a choice of six.

Paper G1 Evolutionary genetics will be borrowed from Part II Genetics instead of being set by the Part II Zoology examiners, and candidates will answer three questions from a choice of nine.

Examples of past papers from these Part II courses can be found via the Part II Zoology Moodle site. All other papers remain unchanged.

PART III

#### **Materials Science**

Paper 2 will contain seven sections (A–G), each containing two questions based on one twelve-lecture course. Candidates must answer a total of five questions, selected from at least four different sections.

Paper 3 will contain seven sections (H–N), each containing two questions based on one twelve-lecture course. Candidates must answer a total of five questions, selected from at least four different sections.

Paper 2 will examine Michaelmas Term courses. Paper 3 will examine Lent Term courses.

## Theological and Religious Studies Tripos, 2018

The Faculty Board of Divinity gives notice that, with effect from the examinations to be held in 2018, the form will be changed as follows:

## Paper A1a. Elementary Hebrew

Candidates will be required to translate two out of three passages from the Hebrew set text, parsing and giving linguistic comment where instructed, to compare different English translations of two passages from the set text, to answer a grammatical question, and to translate three sentences from English into Hebrew (square script not modern cursive). The grammatical question will require candidates to write out certain forms of (a) a verb and (b) a noun. The sentences for translation will be designed to test knowledge of common grammatical constructions and will be based on the prescribed text. The translation from Hebrew, parsing, and comment will carry 60% of the marks, the comparison of translations 20%, the grammatical question 10%, and the translation into Hebrew 10%.

## Paper A4. Christianity and the transformation of culture

This paper will be assessed by a three-hour written examination. The examination will be in two sections. Section A (worth 30 marks) will comprise five short extracts from primary sources, of which candidates should comment on three. Section B (worth 70 marks) will comprise ten essay questions, of which candidates should answer two. The sections are designed respectively to test knowledge and understanding of evidence, and the ability to write analytical essays.

## Paper A5. The question of God

The examination will consist of a three-hour written paper, with questions grouped in three sections, corresponding to the three sections of the course. Candidates will be required to answer three questions from a choice of at least twelve questions, and at least one question from each of the three sections of the exam.

## Paper B3. The shaping of Jewish identity (332 BCE – 70 CE)

The examination will consist of a three-hour written paper, which will contain selections for comment from the prescribed sources and essay questions. Candidates will be required to comment on three from a choice of ten selections from prescribed sources, and to attempt three essay questions from a choice of at least twelve. NRSV Bibles (including the Apocrypha) will be available for use in the examination but candidates are not expected to show greater precision in biblical references as a result of the availability of Bibles.

## Paper C8. Judaism II

The examination for this paper will consist of a three-hour written paper which will be divided into two sections, A and B. Section A will contain at least three questions, of which candidates will be required to answer one. Each question in Section A will consist of a passage drawn from primary texts of classical rabbinic literature, for analysis and commentary by candidates. Section B will contain at least eight essay questions on the topic of Jewish law, of which candidates will be required to answer two.

## **Examination in Materials Science for the M.A.St. Degree, 2018**

The Management Committee of the Natural Sciences Tripos gives notice that the form and conduct of the following papers for the examination in Materials Science for the degree of Master of Advanced Study has been amended:

Paper 2 will contain seven sections (A–G), each containing two questions based on one twelve-lecture course. Candidates must answer a total of five questions, selected from at least four different sections.

Paper 3 will contain seven sections (H–N), each containing two questions based on one twelve-lecture course. Candidates must answer a total of five questions, selected from at least four different sections.

Paper 2 will examine Michaelmas Term courses. Paper 3 will examine Lent Term courses.

## Examination for the M.B.A. Degree, Lent Term 2018

The Faculty Board of Business and Management gives notice that in the Lent Term 2018 of academical year 2017–18 the subjects for examination for the degree of Master of Business Administration will be as listed below. The method of examination is shown for each subject.

#### 12. Option A: one-year course

## 12. (a) Compulsory modules

## Lent Term 2018:

MBA10.	Strategy	Examination (1.5 hours plus 10 minutes' reading time, 70%); group assignment (2,500 words, 30%).
MBA11.	Marketing	Examination (1.5 hours plus 10 minutes' reading time, 70%); group assignment (2,500 words, 30%).
MBA16.	Cost management and control	Individual assignment (1,500 words, 60%); individual assignment (1,500 words, 40%).
MBA33.	Management praxis II	Individual assignment (3,000 words, 100%).
MBA34.	Global consulting project	Group assignment (3,500 words, 100%).
MBA116.	Digital business	Individual assignment (3,000 words, 100%).
MBA12.	Corporate governance and ethics	Individual assignment (3,000 words, 100%).

## Easter Term 2018:

MBA15.	Operations management	Assessment to be announced by the end of Lent Term.	
MBA108.	Business and society	Assessment to be announced by the end of Lent Term.	
MBA54.	Macroeconomics	Assessment to be announced by the end of Lent Term.	
MBA36.	Summer activity	Assessment to be announced by the end of Lent Term.	
MBA35.	Concentration (students take one of ten subjects offered)	Assessment and subject areas to be announced by the end of Lent Term.	
MBA35A.	Concentration: cultural arts and media management	Assessment to be announced by the end of Lent Term.	
MBA35B.	Concentration: energy and environment	Assessment to be announced by the end of Lent Term.	
MBA35C.	Concentration: entrepreneurship	Assessment to be announced by the end of Lent Term.	

MBA35D.	Concentration: finance	Assessment to be announced by the end of Lent Term.
MBA35E.	Concentration: global business	Assessment to be announced by the end of Lent Term.
MBA35F.	Concentration: health strategies	Assessment to be announced by the end of Lent Term.
MBA35G.	Concentration: social innovation	Assessment to be announced by the end of Lent Term.
MBA35H.	Concentration: strategy	Assessment to be announced by the end of Lent Term.
MBA35I.	Concentration: marketing	Assessment to be announced by the end of Lent Term.
MBA35J.	Concentration: digital transformation	Assessment to be announced by the end of Lent Term.

## 12. (b) Elective modules

## Lent Term 2018:

MBA126.	Building a customer aligned organization	Individual assignment (1,000 words, 50%); group assignment (15 mins presentation, deck of 20 slides, 50%).
MBA70.	Cases in corporate finance I	Individual in-class test (2 hours, 50%); group assignment (3,000 words, 50%).
MBA40.	Creative arts and media management	Group assignment (3,000 words, 100%).
MBA120.	Creativity workshop	Group presentation (15 mins, deck of ten slides, 80%); individual assignment (1,000 words, 20%).
MBA160.	Design thinking	Group presentation (10 mins, deck of twelve slides, 100%).
MBA79.	Digital marketing	Individual assignment (500 words, 40%); group presentation (20 mins, deck of 15 slides, 60%).
MBA52.	Doing good well: leading social innovation for local and global impact	Individual assignment (1,500 words, 50%); group assignment (15 mins presentation, 1,500-word write-up, 50%).
MBA41.	Energy and emissions markets and policies	Individual presentation (15 mins, deck of 20 slides, 25%); individual assignment (2,000 words, 75%).
MBA77.	Financial management for start-ups	Individual assignment (2,000 words, 50%); group assignment (2,000 words, 50%).
MBA111.	How to think strategically – an exercise in game theory	Individual assignment (1,200 words, 50%); group assignment (2,000 words, 50%).
MBA122.	International business	Individual assignment (3,000 words, 80%); class participation (20%).
MBA81.	Leading effective projects	Individual assignment (3,000 words, 80%); individual class participation (20%).
MBA125.	Leadership in organizations	Individual assignment (1,500 words, 40%); group assignment (1,500 words, 40%); class participation (20%).
MBA110.	Managing big data analysis	Individual assignment (3,000 words, 100%).
MBA87.	Management accounting	Individual assignment (1,500 words, 60%); individual assignment (1,500 words, 40%).
MBA14.	Managing innovation strategically	Individual assignment (2,000 words, 80%); individual class participation (20%).
MBA96.	Marketing and innovation in emerging economies	Group presentation (15 mins, deck of 20 slides, 30%); individual assignment (1,000 words, 70%).
MBA58.	New venture finance	Individual assignment (1,500 words, 30%); group assignment (2,000 words, 50%); group presentation (15 mins, deck of 20 slides, 20%).
MBA27.	Philosophy of business	Individual assignment (3,000 words, 100%).
MBA107.	Strategic pricing	Individual assignment (2,000 words, 50%); group assignment (deck of 12 slides, 50%).
MBA22.	Strategic performance management	Individual assignment (2,000 words, 25%); group presentation (20 mins, 75%).
MBA114.	Sustainable business	Individual assignment (2,000 words and deck of 15 slides, 100%).
MFIN16.	Topics in investment management (open to M.B.A.)	Group assignment (max. 3,000 words, 50%); in-class test (1.5 hours, 50%).

## 12. Option B: Executive M.B.A. course

## 2016-18 class

## 12. (a) Compulsory modules

## Lent Term 2018:

EMBA14.	Corporate governance and ethics	Individual assignment (100%).
EMBA4.	Management praxis (this course runs throughout the programme)	Individual assignment (100%).
EMBA17.	Leadership in action (this course runs throughout the programme)	Attendance only.
EMBA19.	Personal and professional development (this course runs throughout the programme)	Attendance only.

## 12. (b) Elective modules

## Lent Term 2018:

EMBA24.	Fast strategy, intrapreneurship, and business instinct	Individual assignment (100%).
EMBA26.	Philosophy of business	Individual assignment (100%).
EMBA34.	Innovation management: the secret to growth	Individual assignment (100%).
EMBA39.	Strategic change and renewal	Individual assignment (100%).
EMBA40.	Project finance: innovative techniques in valuing and raising financing for large scale projects	Individual assignment (100%).
EMBA42.	Understanding consumers: using psychology to build brands and increase profits	Individual assignment (100%).
EMBA44.	Entrepreneurship	Individual assignment (100%).
EMBA45.	From the savannah to the boardroom: the evolutionary roots of decisions and leadership	Individual assignment (100%).
EMBA50.	Beyond calls to action: strategies and tools for managing environmental sustainability	Individual assignment (100%).
EMBA51.	Doing good well: leading social innovation for local and global impact	Individual assignment (100%).
EMBA53.	How to think strategically	Individual assignment (100%).
EMBA54.	Entrepreneurial finance	Individual assignment (100%).
EMBA55.	Leading effective projects: a managerial perspective	Individual assignment (100%).
EMBA56.	Big Data analytics and quantitative social science	Individual assignment (100%).
EMBA57.	Building a customer aligned organization	Individual assignment (100%).
EMBA58.	Digital business	Individual assignment (100%).
EMBA59.	Long term investing	Individual assignment (100%).
EMBA60.	Board games (title TBC)	Individual assignment (100%).
EMBA61.	Creative, arts, and media management	Individual assignment (100%).
EMBA62.	Complex financial transactions: structure, valuation, and impact on the corporation	Individual assignment (100%).
EMBA63.	Design thinking (title TBC)	Individual assignment (100%).
EMBA64.	Strategies in disruptive technological environments	Individual assignment (100%).
EMBA65.	Ecosystem entrepreneurship	Individual assignment (100%).
EMBA67.	International economic issues	Individual assignment (100%).
EMBA68.	Financial market analysis and trading	Individual assignment (100%).

## 2017-19 class

## 12. (a) Compulsory modules

#### Lent Term 2018:

EMBA6.	Organizational behaviour	Individual assignment (100%).
EMBA7.	Operations management	Individual assignment (100%).
EMBA8.	International business studies	Group assignment (100%).
EMBA17.	Leadership in action (this course runs throughout the programme)	Attendance only.
EMBA19.	Personal and professional development (this course runs throughout the programme)	Attendance only.

## 12. (b) Elective modules

Lent Term 2018: None

## **Bachelor of Theology for Ministry, 2018**

The Faculty Board of Divinity gives notice that, with effect from the examinations to be held in 2018, the form of Paper BTH12 for the degree of Bachelor of Theology for Ministry will be changed as follows:

#### BTH12. Christian doctrine

The examination will consist of a three-hour written paper. Candidates will be required to answer three questions from a choice of at least twelve questions, and at least one from each of the three sections. Each of the three sections relates to each of the three units of the course (and its associated texts for supervision).

## Examination for the M.Fin. Degree, Lent Term 2018

The Faculty Board of Business and Management gives notice that, in the Lent Term 2018, the subjects for examination for the degree of Master of Finance will be as listed below. The method of examination is shown for each subject.

## No written papers offered in Lent Term.

Equity research project

## Group 1 - core subjects

MFIN39.	Fundamentals of credit	In-class test (2 hours, 60%); case study (40%).
MFIN3.	Econometrics	Mid-term test (2 hours, 40%); final test (2 hours, 60%).
MFIN5.	Management lecture series	Seminar, assessed by attendance.
MFIN22.	Management practice	Seminar, assessed by attendance.
MFIN23.	City speaker series	Seminar, assessed by attendance.

## Group 2 – specialist subjects

Project
MFIN24.

	· ·	
MFIN49.	Advanced financial accounting	In-class test (2 hours, 75%); group project (8 pages max., 25%).
MFIN4.	Further derivatives	In-class test (1.5 hours, 100%).
MFIN16.	Topics in investment management (open to M.B.A.)	Group assignment (max. 3,000 words, 50%); in-class test (1.5 hours, 50%).
MFIN19.	Private equity	Four individual assignments (max. 2,500 words each, 40% in total); two group projects (max. 2,500 words each, 30%); individual in-class quiz (1 hour, 30%).
MFIN34.	Advanced corporate finance	Group project (8 pages max., 50%); in-class test (3 hours, 50%).
MBA58.	New venture finance	Individual assignment (1,500 words, 30%); group assignment (3,000 words, 50%); group presentation (deck of 20 slides, 15 mins, 20%).
MFIN14.	Fixed income analysis	Individual essay (max. 2,000 words, 50%); group assignment (max. 2,000 words, 50%).

Group presentation (50%);

report (max. 2,500 words, 50%).

## Examination for the LL.M. Degree, 2017–18

The Faculty Board of Law gives notice that, with effect from the examinations to be held in 2017–18, the form and/or conduct of the examination for the following papers for the degree of Master of Law (LL.M.) will be changed as follows:

Paper 8. International financial law

The paper will contain no fewer than six questions of which candidates will be required to attempt any three.

It is an open book examination but no further materials will be prescribed.

Paper 10. Corporate governance

The paper will contain no fewer than four questions of which candidates will be required to attempt all questions set. The thesis option will not be offered for this paper.

Paper 36. International intellectual property law

It is an open book examination. In addition to the other permitted materials, candidates may use their own copies of any materials prepared by them (including any material copied without breach of copyright), any materials supplied to the class by the lecturers, and any monolingual or bilingual dictionary (except electronic dictionaries and specialized legal dictionaries). Candidates may also use their own copies of Blackstone's *Statutes on Intellectual Property* (any edition) or *International Legal Materials on Intellectual Property* (P. Goldstein (ed.)).

Paper 41. Advanced private law

The paper will contain no fewer than eight questions of which candidates will be required to attempt any three. It is an open book examination but no further materials will be prescribed.

All other parts of the examination remain unchanged.

## Examination for the M.C.L. Degree, 2017–18

The Faculty Board of Law gives notice that, with effect from the examinations to be held in 2017–18, the form and/or conduct of the examination for the following papers for the degree of Master of Corporate Law (M.C.L.) will be changed as follows:

Paper M1. The legal and economic structure of corporate transactions (deals)

This paper will be evaluated by way of a single piece of coursework assigned during the academical year (the 'Deals Report') and on the basis of class participation and student presentations. There will be no written examination. For 2017–18, the maximum word limit for the Deals Report is 12,000 words.

Paper M2B. Shareholder litigation

Candidates are permitted to take Butterworth's *Company Law Handbook* (any edition) or Blackstone's *Statutes on Company Law* (any edition) or Palgrave Macmillan *Core Statutes on Company Law* (any edition) into the examination.

All other parts of the examination remain unchanged.

## Examination in Economic Research for the M.Phil. Degree, 2017–18

The Faculty Board of Economics gives notice that, with effect from the examinations to be held in 2018, the form and conduct of the following papers for the examination in Economic Research for degree of Master of Philosophy will be as follows:

E100. Microeconomics

Candidates are required to answer three out of four questions. Each question carries equal weight.

R101. Microeconomics II

Three-hour examination paper with candidates required to answer four out of five questions.

R200. Advanced macroeconomics

Three-hour examination paper with candidates required to answer three out of four long questions.

R201. Advanced macroeconomics II

Two-hour examination paper with candidates being required to answer three out of four questions.

R300. Advanced econometrics

Three-hour examination paper with candidates required to answer three out of four questions. Each question carries equal weight.

R301. Advanced econometrics II

Three-hour sectioned examination paper, with each section carrying equal weight. Section A on *Time series* will require candidates to answer six out of eight questions. Section B on *Microeconometrics* will require candidates to answer two out of three questions.

## Examination in Economics for the M.Phil. Degree, 2017–18

The Faculty Board of Economics gives notice that, with effect from the examinations to be held in 2018, the form and conduct of the following papers for the examination in Economics for the degree of Master of Philosophy will be as follows:

#### E100. Microeconomics

Candidates are required to answer three out of four questions. Each question carries equal weight.

## E101. Applied microeconomics

Two sections: in Section A, candidates are required to answer four out of six questions; in Section B, candidates are required to answer one compulsory question. Each section carries equal weight; questions within Section A carry equal weight.

#### E200 Macroeconomics

Two sections: in Section A, candidates are required to answer four compulsory questions; in Section B, candidates are required to answer one out of two questions. Each section carries equal weight.

#### E201. Applied macroeconomics

Examination paper and project: in the two-hour examination paper, candidates are required to answer three out of four questions. The project is a maximum of 3,000 words. Titles will be issued on 16 March 2018, with submission due on 27 March 2018. The examination paper is weighted at 80%; the project is weighted at 20% of the overall mark.

## E300. Econometric methods

Three-hour sectioned examination paper: Section A has six compulsory questions; in Section B, candidates are required to answer two out of four questions. Section A is weighted at 60%, Section B at 40%.

#### E301. Applied econometrics

Sectioned paper: Section A contains two compulsory questions; in Section B, candidates are required to answer two out of four questions. Each section carries equal weight.

## Examination in Finance for the M.Phil. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that, in the academical year 2017–18, the subjects for the examination in Finance for the degree of Master of Philosophy will be as listed below. The method of examination is shown for each subject.

## Group 1 (six compulsory subjects)

(1)	MF5A	Corporate finance I [one three-hour class test]
(2)	MF6A	Asset pricing I [one three-hour class test (80%), plus written problem set consisting of four questions (20%)]
(3) either	MF5B	Corporate finance II [one three-hour class test (40%), 1,000-word written referee report (25%), presentation (15%), and class participation (20%)]
or	MF6B	Asset pricing II [one three-hour class test (80%), plus written problem set consisting of four questions (20%)]
(4) either	SMO6	Fundamentals of competitive markets [one two-hour class test]
or	E100	Microeconomics [two-hour written examination]
Either		
(5)	E300	Econometric methods [two-hour written examination] and
(6)	R301	Advanced econometrics II [three-hour written examination]
Or		
(5)	MP01	Econometrics I [two 2.5-hour class tests] and
(6)	MP01A	Econometrics II [two 2.5-hour class tests]

## Group 2 (three optional subjects to be chosen)

MF10.	How to do finance
	[two written referee reports (75%), class participation (15%), attendance (10%)]
MF8.	Continuous time finance [one 2.5-hour class test]
MF14.	Fixed income [Individual essay of max. 2,000 words (50%) and group assignment of max. 2,000 words (50%)]
S140.	Behavioural economics [two-hour written examination]
S150.	Economics of networks [two-hour written examination]
S170.	Industrial organization [two-hour written examination]
MFin35.	Further econometrics [TBC as per M.Fin. Easter Notice, published in Lent Term 2018]

#### Papers from Mathematical Tripos, Part III

202 Stochastic calculus and application [one three-hour written examination]
205 Advanced financial models [one three-hour written examination]

Numerical solution of differential equations [one three-hour written examination]

A student may be permitted to submit a 12,000-word dissertation in place of the three optional subjects, subject to suitable supervision arrangements being approved by the Degree Committee.

## Examination in Finance and Economics for the M.Phil. Degree, 2017–18

The Faculty Board of Economics gives notice that, with effect from the examinations to be held in 2018, the form and conduct of the following papers for the examination in Finance and Economics for the degree of Master of Philosophy will be as follows:

F100. Finance I

Candidates are required to answer four compulsory questions.

F200. Finance II

Candidates are required to answer four compulsory questions.

F300. Corporate finance

Candidates are required to answer four compulsory questions.

F400. Asset pricing

Candidates are required to answer four compulsory questions.

E100. Microeconomics

Candidates are required to answer three out of four questions. Each question carries equal weight.

E300. Econometric methods

Three-hour sectioned examination paper. Section A contains six compulsory questions; in Section B, candidates are required to answer two out of four questions. Section A accounts for 60% of the marks; Section B is weighted at 40%.

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S140. Behavioural economics

Candidates are required to answer four compulsory questions.

S150. Networks

Candidates are required to answer three out of four questions.

S170. Industrial organization

Candidates are required to answer three compulsory questions.

S180. Labour economics

Two-hour paper with candidates required to answer three out of four questions (75% of the marks), and a presentation of a paper (25% of the marks).

S500. Development economics

Candidates are required to answer two out of three questions.

S600. Topics in macroeconomic history

2,500-word essay submitted at the end of Lent Term. Three titles will be set, of which candidates choose one title and have seven days to submit.

S610. British industrialization

4,000–5,000-word essay submitted at the end of Lent Term. Four titles will be set, of which candidates choose one title and have six working days to submit. Titles will be released on 19 March 2018, with the submission of the project on 26 March 2018.

S620. Institutions and economic growth in historical perspective

Two-hour paper with candidates required to answer two out of four questions. Each question carries equal weight.

F500. Empirical finance

Sectioned paper. Section A contains four compulsory questions; in Section B, candidates are required to answer two out of three questions. Each section carries equal weight.

F510. International finance

Candidates are required to answer four out of five questions.

F520. Behavioural finance

Candidates are required to answer two out of three questions.

F530. Venture capital in the innovation economy

Project, to be submitted by 16 March 2018.

F540. Topics in applied asset management

Sectioned paper. Section A contains one compulsory question (40% of the marks); in Section B, candidates are requested to answer two out of four questions (60% of the marks).

F500. Empirical finance

Sectioned paper. Section A contains four compulsory questions; in Section B, candidates are requested to answer two out of three questions. Each section carries equal weight.

F510. International finance

Candidates are required to answer four out of five questions.

F520. Behavioural finance

Candidates are required to answer two out of three questions.

## Examination in Innovation, Strategy, and Organization for the M.Phil. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that in the academical year 2017–18, the subjects for the examination in Innovation, Strategy, and Organization for the degree of Master of Philosophy will be as listed below. The method of examination is shown for each subject.

### Group 1 compulsory subjects

Either ISO-4	Statistical concepts for management researchers [1,000-word assignment (80%), and half-hour seminar presentation (20%)]	
<i>Or</i> MPO-1	Econometrics I [two 2.5-hour class tests]	
MPO-2	Qualitative research methods [answer five research exercises of no more than 1,000 words each]	
ISO1	Information systems, innovation, and organizational change [2,500-word essay (55%), 20-minute seminar presentation (10%), individual class participation (15%), and group facilitation: leading and facilitating discussion of a research theme during the course (20%)]	
ISO2	Organizations and strategic innovation [3,000-word essay (70%) and half-hour seminar group presentation (30%)]	
ISO3	Organizations theory [3,000-word essay (70%) and half-hour seminar group presentation (30%)]	

## Group 2 optional papers

ISO5	Individual research project [4,000-word essay]
ISOE6	Strategic organizing of digital innovation [3,000-word essay (60%), individual class participation and presentation (15%), and group case presentation (25%)]
ISOE7	Seminar in strategic management content research [weekly essays (8 x 3 pages each, double-spaced, 20%), class participation (15%), leading discussion (15%), and 3,000-word essay (50%)]
ISOE8	Organizational research methods [5,000-word essay (90%) and class participation (10%)]
ISOE10	Marketing strategy [3,500-word essay (70%), 20-minute individual presentation (20%), and class participation (10%)]
SMO2	Operations management [class participation (20%), summary of reading up to 2,000 words (15%), homework assignment up to 1,000 words (30%), and paper on research opportunities up to 2,500 words (35%)]
SMO6	Fundamentals of competitive markets [one two-hour class test (100%)]
SMO10	Organizational behaviour [4,000-word essay (75%) and class participation (25%)]

## Examination in Management for the M.Phil. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that, in the academical year 2017–18, the subjects for examination in Management for the degree of Master of Philosophy will be as listed below. The method of examination is shown for each subject.

## Group 1 compulsory subjects

MM1	Quantitative techniques for management [two-hour written examination with additional ten minutes of reading time]
MM2	Marketing [two-hour written examination with additional ten minutes of reading time (50%), 10-minute group project presentation (20%), and two case study assignments at 1,500 words each (30%)]
MM3	Business economics [two-hour written examination with additional ten minutes of reading time]
MM4	Strategy [two-hour written examination with additional ten minutes of reading time (70%), and three team assignments at 400 words each (30%)]
MM5	Organizational analysis and behaviour [two-hour written examination with additional ten minutes of reading time (80%), and 10-minute group presentation with 5-minute Q&A (20%)]
MM6	Finance [two-hour written examination with additional ten minutes of reading time (70%), and three 15-minute in-class written quizzes (30%)]
MM7	Accounting [two-hour written examination with additional ten minutes of reading time (70%), class participation (15%), and one 1,500-word group assignment (15%)]
MM8	Operations management [two-hour written examination with additional fifteen minutes of reading time]
MM9	Management consulting project [one-hour group presentation with 5,000-word report (75%), 1,500-word essay (20%), and class participation at project rehearsals (5%)]

#### Group 2 optional papers

MME20	Business innovation in a digital age [10-minute individual presentation with 5-minute Q&A (10%), 15-minute group case study presentation with 5-minute discussion (25%), and 3,000-word individual assignment (65%)]	
MME21	Ethics [3,000-word individual assignment (70%), and 15-minute group presentation with 5-minute Q&A (30%)]	
MME22	Supply chain management [two-hour written examination with additional ten minutes of reading time (60%), 3,000-word group assignment (30%), and class participation (10%)]	
MSE7	Human resources management [3,000-word essay]	
MSE9	International business economics [3,000-word essay]	
TPE25	Strategic valuation: uncertainty and real options in system design [project of no more than 4,000 words, comprising computer modelling and associated questions, and the preparation of a six-slide PowerPoint presentation (100%)]	

## Examination in Strategy, Marketing, and Operations for the M.Phil. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that, in the academical year 2017–18, the nine subjects for examination in Strategy, Marketing, and Operations for the degree of Master of Philosophy will be chosen from the list below. The method of examination is shown for each subject.

MP01	Econometrics I [two 2.5-hour class tests]
MP01A	Econometrics II [two 2.5-hour class tests]
SMO1	Mathematical models of operations management [class participation (20%), 30–40-minute presentation of mathematical proofs (20%), and two referee reports on working papers of no more than 2,000 words (60%)]
SMO2	Operations management [class participation (20%), summary of reading up to 2,000 words (15%), homework assignment up to 1,000 words (30%), and paper on research opportunities up to 2,500 words (35%)]
SMO4	Quantitative marketing models [class participation (30%), 3,000-word term paper (60%), and 1,000-word idea paper (10%)]
SMO5	Individual research project (5,000-word essay)
SMO6	Fundamentals of competitive markets [one two-hour class test]

SMO7	Managing innovative organizations [Homework (25%), class participation (15%), 20-minute presentations/discussions (15%), final research proposal up to 2,500 words (22.5%), and take-home exam of four questions (22.5%)]
SMO10	Organizational behaviour [4,000-word essay (75%), and class participation (25%)]
ISOE7	Seminar in strategic management content research [weekly essays (8 x 3-pages each, double-spaced, 20%), class participation (15%), leading discussion (15%), and 3,000-word essay (50%)]
ISOE10	Marketing strategy [3,500-word essay (70%), 20-minute individual presentation (20%), and class participation (10%)]
MFin35	Further econometrics [TBC as per M.Fin. Easter Term Notice to be published in Lent Term 2018]
ISO1	Information systems, innovation, and organizational change [2,500-word essay (55%), 20-minute seminar presentation (10%), individual class participation (15%), and group facilitation: leading and facilitating discussion of a research theme during the course (20%)]
ISO2	Organizations and strategic innovation [3,000-word essay (70%), and half-hour seminar presentation (30%)]
ISO3	Organizations theory [3,000-word essay (70%), and half-hour seminar group presentation (30%)]
ISOE8	Organizational research methods [5,000-word essay (90%), plus class participation (10%)]
ISOE6	Strategic organizing of digital innovation [3,000-word essay (60%), individual class participation and presentation (15%), and group case presentation (25%)]

In addition, students can also opt to write a dissertation of not more than 12,500 words in length, subject to approval by the Degree Committee.

## Examination in Technology Policy for the M.Phil. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that, in the academical year 2017–18, the subjects for examination in Technology Policy for the degree of Master of Philosophy will be as listed below.

The method of examination is shown for each subject. Students must take twelve modules (six core modules, two Sectorial and Skills electives, two Enterprise Stream electives, and two Open electives). Students are also required to complete a Final Group Project.

#### Core modules (compulsory)

TP1	Technology policy: concepts and frameworks [two-hour end-of-term written in-class test (100%)]
TP2	Economic foundations of technology policy [two-hour end-of-term written in-class test (100%)]
TP3	Case studies and simulations [3,000-word essay (90%) and class participation (10%)]
TP4	Business, government, and technology in emerging markets [two-hour end-of-term written in-class test $(100\%)$ ]
TP5	Policy, design, and evaluation [two-hour end-of-term written in-class test (100%)]
TP6	Deciphering the European Union: business-government relations [policy analysis (80%), and a debate presentation (20%)]
FGP	Final group project [12,000-word written report (70%) and a 90-minute client presentation (30%)] [double weighted]

#### Electives

SECTORIAL AND SKILLS

TPE22	Electricity and environment [1,000-word paper (30%) and a 2,000-word paper (70%)]	
TPE23	ΓΡΕ23 Negotiation skills [3,000-word essay (100%)]	
TPE25	Strategic valuation: uncertainty and real options in system design [project of no more than 4,000 words, comprising computer modelling and associated questions, and the preparation of a six-slide PowerPoint presentation (100%)]	

# M.Phil. in Technology Policy students are permitted to borrow any of the following modules as a Sectorial and Skills elective:

The following module offered on Part IIB of the Engineering Tripos in 2017–18; details of available modules and formats of examination were published in the Notice of 14 June 2017 (*Reporter*, 6469, 2016–17, p. 591). For those modules shown as assessed by examination, this will be by one written paper of 1.5 hours duration. For those modules shown as assessed by coursework, students should contact the Department of Engineering for precise details of the requirements.

#### ENTERPRISE STREAM

TPE20	Managing the innovation process [class participation (20%), a case write-up of up to 2,000 words (40%), and a group project of up to 3,000 words (40%)]
TPE21	Entrepreneurial science and innovation policy [one 1,000–1,500-word essay (50%) and two one-page short group reports (25% each)]
TPE24	Competitive strategy in the digital age: platform markets, network effects, and the new rules of strategy [2,500-word essay (80%) and class participation (20%)]

# M.Phil. in Technology Policy students are permitted to borrow any of the following modules as an Enterprise Stream elective:

The following module offered on Part IIB of the Engineering Tripos in 2017–18; details of available modules and formats of examination were published in the Notice of 14 June 2017 (*Reporter*, 6469, 2016–17, p. 591). For those modules shown as assessed by examination, this will be by one written paper of 1.5 hours duration. For those modules shown as assessed by coursework, students should contact the Department of Engineering for precise details of the requirements.

4E4 Management of technology

OPEN STREAM

## M.Phil. in Technology Policy students are permitted to borrow any of the following modules as an Open Stream elective:

From the M.Phil. in Innovation, Strategy, and Organization:

ISO2	Organizations and strategic innovation [3,000-word essay (70%), and half-hour seminar group presentation (30%)]
ISOE6	Strategic organizing of digital innovation [3,000-word essay (60%), individual class participation and presentation (15%), and group case presentation (25%)]

From the M.Phil. in Management:

MME20 Business innovation in a digital age [10-minute individual presentation with 5-minute Q & A (10%), 15-minute group case study presentation with 5-minute discussion (25%), and 3,000-word individual assignments (65%)]

The following modules offered on Part IIB of the Engineering Tripos in 2017–18; details of available modules and formats of examination were published in the Notice of 14 June 2017 (*Reporter*, 6469, 2016–17, p. 591). For those modules shown as assessed by examination, this will be by one written paper of 1.5 hours duration. For those modules shown as assessed by coursework, students should contact the Department of Engineering for precise details of the requirements.

4E5	International business
4E6	Accounting and finance
4E11	Strategic management
4M14	Sustainable development

The following modules offered on the M.Phil. in Engineering for Sustainable Development in 2017–18; details of available modules and formats of examination were published in the Notice of 26 July 2017 (*Reporter*, 6475, 2016–17, p. 790).

ESD150	Driving change towards sustainability
ESD360	Resilience and hazard mitigation in future cities
ESD450	Policy, legislation, and government
ESD650	International development

## Examination in Management Studies for the M.Res. Degree, 2017–18

The Degree Committee for the Faculty of Business and Management gives notice that, in the academical year 2017–18, the subjects for the examination in Management Studies for the M.Res. Degree will be as listed below. The method of examination is shown for each subject.

Students must take six modules. Students are also required to write a thesis of not more than 16,000 words in length, including diagrams and footnotes, but excluding bibliography and appendices on projects approved by the Degree Committee for the Faculty of Business and Management.

MP01	Econometrics I [two 2.5-hour class tests]
MP01A	Econometrics II [two 2.5-hour class tests]
SMO2	Operations management [class participation (20%), summary of reading up to 2, 000 words (15%), homework assignment up to 1,000 words (30%), and paper on research opportunities up to 2,500 words (35%)]
SMO7	Managing innovative organizations [homework (25%), class participation (15%), 20-minute presentations/discussions (15%), final research proposal up to 2,500 words (22.5%), and takehome exam of four questions (22.5%)]
SMO1	Mathematical models of operations management [class participation (20%), 30–40-minute presentation of mathematical proofs (20%), and two referee reports on working papers of no more than 2,000 words (60%)]
ISOE7	Seminar in strategic management content research [weekly essays (8 x 3 pages each, double-spaced, 20%), class participation (15%), leading discussion (15%), and 3,000-word essay (50%)]
SMO4	Quantitative marketing models [class participation (30%), 3,000-word term paper (60%), and 1,000-word idea paper (10%)]
SMO10	Organizational behaviour [4,000-word essay (75%), and class participation (25%)]
ISO3	Organization theory [3,000-word essay (70%), and half-hour seminar group presentation (30%)]
ISOE8	Organizational research methods [5,000-word essay (90%), and class participation (10%)]
MP02	Qualitative research methods [five research exercises, of no more than 1,000 words each]

## REPORTS

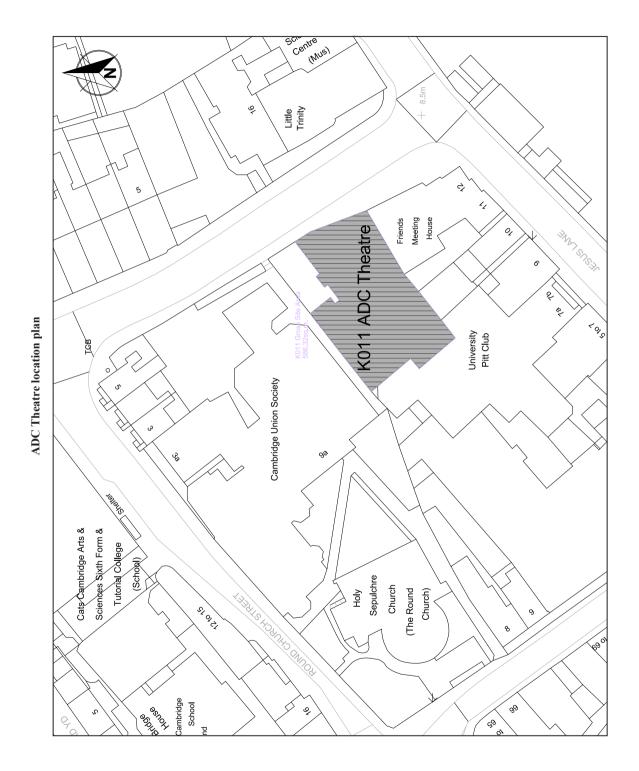
## Report of the Council on building works at the ADC Theatre

The COUNCIL begs leave to report to the University as follows:

- 1. In this Report the Council is seeking approval for building works to re-roof, and improve ventilation of, the auditorium at the ADC Theatre.
- 2. The ADC Theatre is the oldest University playhouse in the United Kingdom. The Theatre's aim is to provide an opportunity for students and amateurs to experience and learn about all aspects of theatre by presenting professional standard productions.
- 3. A redevelopment project to modernize the facilities and structure of the building was completed in 2008. Proposals to introduce ventilation into the auditorium were developed but not taken forward at that time. The current project seeks to install the necessary mechanical plant alongside planned maintenance works to replace the finish of the existing auditorium roof and renew the ceiling. Additional works to improve the overall safety of the building and the amenities available to staff of the ADC
- Theatre will also be undertaken. The roof works in particular will reduce heat loss/gain and minimize energy usage and maintenance costs.
- 4. The estimated cost of the project is within the range of £720,000 to £770,000, with funding from the ADC Theatre, the Minor Works Fund, and the Buildings Maintenance Fund. The building work is scheduled to begin no later than March 2018, subject to authorization of the scheme by the Resource Management Committee. A planning application was submitted to Cambridge City Council in September 2017.
- 5. Drawings of the proposed scheme are displayed for the information of the University in the Schools Arcade and are reproduced online at https://www.prao.admin.cam. ac.uk/capital-planning/plans-and-drawings. A location plan is shown below .

- 6. The Council recommends:
- I. That approval is given for building works at the ADC Theatre as described in this Report.

20 November 2017	STEPHEN TOOPE, Vice-Chancellor	David Greenaway	Susan Oosthuizen
	Ross Anderson	NICHOLAS HOLMES	MICHAEL PROCTOR
	RICHARD ANTHONY	ALICE HUTCHINGS	PHILIPPA ROGERSON
	R. Charles	Darshana Joshi	JOHN SHAKESHAFT
	STEPHEN J. COWLEY	FIONA KARET	SARA WELLER
	Daisy Eyre	Umang Khandelwal	MARK WORMALD
	ANTHONY FREELING	STUART LAING	JOCELYN WYBURD
	NICHOLAS GAY		



#### **OBITUARIES**

## **Obituary Notices**

Dr James Anthony (Jim) Charles, B.Sc., M.A., Sc.D., FREng, Fellow of St John's College and Emeritus Reader in Process Metallurgy, died on 13 November 2017, aged 91 years.

Professor Peter Spufford, M.A., Ph.D., Litt.D., FBA, Life Fellow of Queens' College, formerly Research Fellow of Jesus College and sometime Visiting Fellow of Clare Hall, Emeritus Professor of European History, died on 19 November 2017, aged 83 years.

## **GRACES**

## Graces to be submitted to the Regent House at a Congregation on 25 November 2017

The Council has sanctioned the submission of the following Graces to the Regent House at a Congregation to be held on 25 November 2017:

That the following persons be admitted to the degree of Doctor of Philosophy by incorporation:

- **1.** SEPEHR HAFIZI, of Wolfson College, Associate Lecturer in the Faculty of Clinical Medicine, Doctor of Philosophy of the University of Oxford (2010).
- **2.** CHARLOTTE LUCY LEMANSKI, of Robinson College, University Senior Lecturer in the Department of Geography, Doctor of Philosophy of the University of Oxford (2006).

That the following person be admitted to the degree of Master of Arts by incorporation:

**3.** GUY NEIL CHAPMAN, Deputy Director in the Local Examinations Syndicate, Master of Arts of the University of Oxford (2007).

That the following persons be admitted to the degree of Master of Arts under the provisions of Statute B II 2:

- **4.** KATE BARNETT, Director in the Local Examinations Syndicate.
- 5. MICHELLE BARBARA BOND, Assistant Treasurer in the Finance Division of the University Offices.
- 6. ORIETTA DA ROLD, Fellow of St John's College and University Lecturer in the Faculty of English.
- 7. LEE ANTHONY DAVIS, Deputy Director in the Local Examinations Syndicate.
- **8.** IAIN CAMERON HARRISON, Director (Global Director of Operations) in the University Press.
- 9. Greg James Irving, Clinical Lecturer in the Department of Public Health and Primary Care.
- 10. Deborah Kronenberg-Versteeg, Junior Research Fellow of Homerton College.
- 11. NIKI PETER LOUCH, Director (Platform Engineering Director) in the University Press.
- 12. STACEY DANIELLE McDowell, Fellow of St John's College.
- 13. Jennifer Rosemary Raine, Fellow of Newnham College.
- 14. CAROLYN ROBSON, Director (Academic Technology Director) in the University Press.
- 15. Francesca Vella, Fellow of St John's College.

## ACTA

## Approval of Grace submitted to the Regent House on 8 November 2017

The Grace submitted to the Regent House on 8 November 2017 (*Reporter*, 6483, 2017–18, p. 104) was approved at 4 p.m. on Friday, 17 November 2017.

E. M. C. RAMPTON, Registrary

END OF THE OFFICIAL PART OF THE 'REPORTER'

#### COLLEGE NOTICES

#### **Elections**

Hughes Hall

The following elections have been made:

Elected to a Fellowship in Class A from 1 October 2017:

Dr Stephen Cave, B.A., *Bristol*, M.Phil., Ph.D., *HH* Dr Othman Cole, M.Eng., *Warwick*, M.Sc., *Reading*, M.Phil., Ph.D., *HH* 

Professor Emanuele Giovannetti, Laurea, *Rome*, M.Phil., Ph.D., *T* 

Elected to a Fellowship in Class B from 1 October 2017:

Dr John Park, B.Med.Sci., Edinburgh, M.Th., Glasgow, M.B. Ch.B., Edinburgh, M.P.H., Harvard

Elected to a By-Fellowship from 1 October 2017:

Professor Jonathan Hutton, M.A., *JE*, D.Phil., *Zimbabwe* 

Mr Frank Lee, LL.B., London, LL.M., HH

Ms Julie Spence, B.A., Liverpool, LL.B., UWE Bristol, M.A., Exeter

Elected to a Fellowship in Class A from 1 November 2017: Professor Bill Irish, B.Sc., *London*, M.B.B.Chir., *CL*, M.Med., *Dundee* 

Dr Andreas Stylianides, B.A., *Cyprus*, M.Sc., Ph.D., *Michigan* 

Professor Rupert Wegerif, B.A., Kent, M.Sc., London, Ph.D., Open

Elected to a By-Fellowship from 1 November 2017: Dr Riikka Hofmann, M.A., *Helsinki*, Ph.D., *JE* 

Pembroke College

Elected to a Professorial Fellowship with effect from 1 October 2017:

Geoffrey Francis Hayward, M.A., D.Phil., Oxford

Elected to an Official Fellowship with effect from 1 October 2017:

Nicholas Gwilym Jones, M.Eng., Ph.D., London

Elected to the Drapers' Research Fellowship with effect from 1 October 2017:

Johannes Karl Richard Bausch, B.Sc., *Heidelberg*, M.A.St., *JN* 

Elected to the Randall Dillard Research Fellowship with effect from 1 October 2017:

Peter Fisher Epstein, A.B., *Harvard*, M.A., Ph.D., *Berkeley* 

Elected to the Trebilcock-Newton Research Fellowship with effect from 1 October 2017:

Allegra Rachel Pennant Fryxell, B.A., *Toronto*, M.Phil., *F* 

Elected to the Harry F. Guggenheim Research Fellowship with effect from 1 October 2017:

Nicola Dawn Kindersley, M.A., *M*, M.A., Ph.D., *Durham* Elected to a William Pitt Fellowship with effect from 1 October 2017:

Craig McWilliam, M.A., JN

Elected to Bye-Fellowships with effect from 1 October 2017:

Moreed Ahmad Richard Arbabzadah, M.A., M.Phil., Ph.D., *JE* 

Nami Morris, B.A., SOAS

Elected to Bye-Fellowships with effect from 7 November 2017:

Stephanie Georgina Smith, M.A., M.Sci., Ph.D., SE Anthony Louis Odgers, M.A., CAI, M.B.A., INSEAD

## **Vacancies**

Newnham College: College Office Administrator; stipend: £24,775–£25,769; closing date: 4 December 2017 at 12 noon; further details: http://www.newn.cam.ac.uk/vacancy/college-office-administrator/

#### EXTERNAL NOTICES

## **Oxford Notices**

Faculty of English Language and Literature: Professorship of Bibliography and Modern Book History; closing date: 15 January 2018; further details: https:// www.ox.ac.uk/about/jobs/academic/

University College: Stevenson Junior Research Fellowship in Biochemistry; salary: £24,983 plus benefits; closing date: 16 January 2018 at 12 noon; further details: https://www.univ.ox.ac.uk/content/stevenson-junior-research-fellowship-biochemistry

Junior Research Fellowship in Chemistry; salary: £24,983 plus benefits; closing date: 2 January 2018 at 12 noon; further details: https://www.univ.ox.ac.uk/content/junior-research-fellowship-chemistry

Junior Research Fellowship in Literature in English; salary: £24,983 plus benefits; closing date: 15 January 2018 at 12 noon; further details: https://www.univ.ox.ac.uk/content/stevenson-junior-research-fellowship-literature-english

Junior Research Fellowship in Politics, Political Theory, and International Relations; salary: £24,983 plus benefits; closing date: 8 January 2018 at 12 noon; further details: https://www.univ.ox.ac.uk/content/junior-research-fellowship-politics-political-theory-and-international-relations