# CAMBRIDGE UNIVERSITY REPORTER

No 6442 Wednesday 2 November 2016 Vol Cxlvii No 8

## **CONTENTS**

Notices		Acta	
Calendar	84	Approval of Graces submitted to the Regent	
Discussion on Tuesday, 8 November 2016	84	House on 19 October 2016	92
Vacancies, appointments, etc. Vacancies in the University	84	End of the Official Part of the 'Reporter'	
Events, courses, etc.		College Notices	
Announcement of lectures, seminars, etc.	84	Elections	93
Regulations for examinations		Other Notices	93
Human, Social, and Political Sciences Tripos	85	Societies, etc.	
Mathematical Tripos, Part III	89	Cambridge Philosophical Society	93
Notices by Faculty Boards, etc.		External Notices	
Annual meetings of the Faculties	89	University of Oxford	93
Asian and Middle Eastern Studies Tripos, Part II	90		
Form and conduct of examinations Asian and Middle Eastern Studies Tripos,			
Part II, 2016–17	90		
Geographical Tripos, Parts IA and IB, 2017	90		
Natural Sciences Tripos, 2016–17	91		



#### NOTICES

## Calendar

- 6 November, *Sunday*. Commemoration of Benefactors. Scarlet Day. Preacher before the University at 11.15 a.m., The Revd Dr Jeremy Morris, Master of Trinity Hall (Lady Margaret's Preacher).
- 8 November, Tuesday. Discussion at 2 p.m. in the Senate-House (see below).
- 9 November, Wednesday. Michaelmas Term divides.

## Discussions (at 2 p.m.)

Congregations

8 November

22 November 6 December 26 November, Saturday at 2 p.m.

## Discussion on Tuesday, 8 November 2016

The Vice-Chancellor invites those qualified under the regulations for Discussions (*Statutes and Ordinances*, p. 103) to attend a Discussion in the Senate-House on Tuesday, 8 November 2016, at 2 p.m. for the discussion of:

1. Second-stage Report of the Council, dated 17 October 2016, on the construction of an off-site storage facility for low-use library material (*Reporter*, 6440, 2016–17, p. 50).

## VACANCIES, APPOINTMENTS, ETC.

## Vacancies in the University

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

Reader in Synthetic Biology in the Department of Engineering; salary: £59,400; closing date: 4 January 2017; further details: http://www.jobs.cam.ac.uk/job/10986; quote reference: NM09701

University Lecturer (Honorary Consultant) in Ophthalmology in the Department of Clinical Neurosciences; salary: £76,001–£102,465; closing date: 2 December 2016; further details: http://www.jobs.cam.ac.uk/job/11960; quote reference: ZE10584

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.

Kettle's Yard

Portraits of place: an exhibition bringing together paintings, sculptures, collages, and works on paper by leading twentieth and twenty-first century artists who have been inspired to respond to the places in which they have lived and worked; at the Heong Gallery at Downing College, from 5 November 2016 to 15 January 2017

http://www.kettlesyard.co.uk/ events/portraits-of-place/

#### REGULATIONS FOR EXAMINATIONS

## Human, Social, and Political Sciences Tripos

(Statutes and Ordinances, p. 345)

## With effect from 1 October 2017

The General Board, on the recommendation of the Faculty Board of Human, Social, and Political Science, has approved changes to the Tripos regulations so as to remove the twin tracks in (i) Archaeology and Social Anthropology and (ii) Biological and Social Anthropology, and also to remove the former single tracks in Archaeology and Biological Anthropology. The regulations have also been updated to reflect changed ownership of papers now offered by the new Archaeology Tripos, which remain available to HSPS students under borrowing arrangements.

By amending Regulation 1 so as to read:

1. The Human, Social, and Political Sciences Tripos shall consist of three parts: Part I, Part IIA, and Part IIB. In Part IIA and Part IIB there shall be an examination in each of the following three subjects: Politics and International Relations, Social Anthropology, and Sociology, and there shall be a joint examination in each of the following three pairs of subjects: Politics and Sociology, Sociology and Social Anthropology, Social Anthropology and Politics. For Part I there shall be a single class-list; for Part IIA and Part IIB there shall be a separate class-list for each of the three subjects of the examination and for each joint examination.

By amending Regulation 6 so as to read:

**6.** Separate meetings shall be held of all the Examiners for Part I and of the three bodies of Examiners for Part IIA and Part IIB, at which the respective class-lists shall be drawn up. The three bodies of Examiners for Part IIA and Part IIB shall also draw up class-lists for the following subjects: Politics and Sociology (the Examiners for Politics and International Relations), Sociology and Social Anthropology (the Examiners for Sociology), and Social Anthropology and Politics (the Examiners for Social Anthropology). In each class-list the names of the candidates who deserve honours shall be placed in three classes, of which the second shall be divided into two divisions. The names in the first and third classes, and in each division of the second class, shall be arranged in alphabetical order. For special excellence a mark of distinction may be awarded.

## Regulation 11.

By deleting all the papers under Section A and replacing them with the following:

- POL1. The modern state and its alternatives (also serves as an optional paper for Paper 5 of Part IIA of the Economics Tripos)
- POL2. International conflict, order, and justice (also serves as an optional paper for Paper 5 of Part IIA of the Economics Tripos)
- SOC1. Modern societies I: introduction to sociology (also serves as an optional paper for Paper 5 of Part IIA of the Economics Tripos)
- SAN1. Social anthropology: the comparative perspective

By deleting the reference to Paper 'PBS1. Introduction to psychology' under Section B.

By deleting Regulation 13(ii).

By deleting the Archaeology Papers and amending the Politics and International Relations, Social Anthropology, and Sociology Papers under Regulation 15 (retaining all footnotes) so as to read:

## POLITICS AND INTERNATIONAL RELATIONS

- POL3. International organization
- POL4. Comparative politics
- POL5. Conceptual issues in politics and international relations
- POL6. Statistics and methods
- POL7. The history of political thought to c. 1700 (Paper 19 of Part I of the Historical Tripos)
- POL8. The history of political thought from c. 1700 to c. 1890 (Paper 20 of Part I of the Historical Tripos)
- POL9. Conceptual issues and texts in politics and international relations
- POL10. The history of political thought from c. 1700 to c. 1890 (Paper 4 of Part II of the Historical Tripos)
- POL11. Political philosophy and the history of political thought since c. 1890 (Paper 5 of Part II of the Historical Tripos)
- POL12. A subject in politics and international relations I

POL13. A subject in politics and international relations II
POL14. A subject in politics and international relations III
POL15. A subject in politics and international relations IV
POL16. A subject in politics and international relations V
POL17. A subject in politics and international relations VI
POL18. A subject in politics and international relations VII

A subject in politics and international relations VIII

#### SOCIAL ANTHROPOLOGY

POL19.

- SAN2. Comparative social analysis
- SAN3. Anthropological theory and methods
- SAN4. The anthropology of an ethnographic area
- SAN5. Thought, belief, and ethics
- SAN6. Political economy and social transformation

## Special subjects in social anthropology

- SAN7. A subject in social anthropology I
  SAN8. A subject in social anthropology II
  SAN9. A subject in social anthropology III
  SAN10. A subject in social anthropology IV
  SAN11. A subject in social anthropology V
- SAN12. A subject in social anthropology VI SAN13 A subject in social anthropology VII

# Sociology

- SOC2. Social theory SOC3. Modern societies II
- SOC4. Concepts and arguments in sociology
- SOC5. Statistics and methods
- SOC6. A subject in sociology I
- SOC7. A subject in sociology II
- SOC8. A subject in sociology III SOC9. A subject in sociology IV
- SOC9. A subject ill sociology IV
- SOC10. A subject in sociology V SOC11. A subject in sociology VI
- SOC12. A subject in sociology VII
- SOC13. A subject in sociology VIII
- SOC14. Disciplines of education III (Paper 3 of Part II of the Education Tripos)
- SOC15. Criminology, sentencing, and the penal system (Paper 23 of the Law Tripos)

# By amending Regulation 16 so as to read:

16. Each paper shall be of three hours' duration except POL5 and SOC4. The examination for Papers POL5 and SOC4 shall consist of the submission of two essays each of not more than 5,000 words. The Faculty Board shall publish by notice in each Department of the Faculty of Human, Social, and Political Science prescribed titles or subjects for essays by the beginning of the Michaelmas Term next preceding the examination concerned. The essays for POL5 and SOC4 shall be submitted in printed or typewritten form to the Senior Examiner in the relevant subject as follows: one essay no later than the end of the first week of Full Lent Term, and one essay no later than the end of the first week of Full Easter Term.

By amending Regulation 17 (retaining all footnotes) so as to read:

- **17.** Subject to the provisions of Regulation 9, candidates for Part IIA shall offer papers and other exercises as follows:
- (a) Candidates in Politics and International Relations
  - (i) POL3;
  - (ii) POL4;
  - (iii) either POL7 or POL8;
  - (iv) one paper chosen from POL5–6, SAN7–13, SOC2–3, Papers ARC1–3, ARC6, and BAN1 from Part I of the Archaeology Tripos, Paper 1 or Paper 2 for the subject History and Philosophy of Science in Part IB of the Natural Sciences Tripos, Paper 10 or Paper 11 borrowed from Part I of the Historical Tripos, or one paper chosen from PBS3–4 borrowed from Part IIA of the Psychological and Behavioural Science Tripos.
- (b) Candidates in Social Anthropology
  - (i) Papers SAN2–4;
  - (ii) one paper chosen from SAN7–13, POL3–4, SOC2–3, SOC 5, Papers ARC1–3, ARC6, and BAN1 from Part I of the Archaeology Tripos, Paper 1 or Paper 2 for the subject History and Philosophy of Science in Part IB of the Natural Sciences Tripos, or Paper PBS3 borrowed from Part IIA of the Psychological and Behavioural Sciences Tripos.
- (c) Candidates in Sociology
  - (i) SOC2;
  - (ii) SOC3;
  - (iii) either SOC4 or SOC5;
  - (iv) one further paper chosen from SOC4–5, or one paper chosen from POL3–4, SAN7–13, Papers ARC1–3, ARC6, and BAN1 from Part I of the Archaeology Tripos, Papers PBS3–4 of the Psychological and Behavioural Sciences Tripos, Paper 1 or Paper 2 for the subject History and Philosophy of Science in Part IB of the Natural Sciences Tripos, or either Paper 10 or Paper 11 borrowed from Part I of the Historical Tripos.
- (d) Candidates in Politics and Sociology
  - (i) one paper chosen from POL3-4;
  - (ii) one paper chosen from POL7–8;
  - (iii) SOC2 and SOC3.
- (e) Candidates in Sociology and Social Anthropology
  - (i) SAN2 and one paper chosen from SAN3 or SAN4;
  - (ii) two papers chosen from SOC2, SOC3, or SOC5.
- (f) Candidates in Social Anthropology and Politics
  - (i) POL3 or POL4;
  - (ii) POL7 or POL8;
  - (iii) SAN2 and one paper chosen from SAN3, SAN4, or SAN7–13.

By amending Regulation 18 (retaining all relevant footnotes) so as to read:

- **18.** Candidates for Part IIB who have taken Part IIA in the Human, Social, and Political Sciences Tripos may not change their subject track between Parts IIA and IIB, unless changing from a joint track to one of the single subjects within it. Subject to the provisions of Regulation 9, candidates for Part IIB shall offer papers and other exercises as follows:
- (a) Candidates in Politics and International Relations
  - (i) POL9
  - (ii) two papers chosen from POL10–19, one of which may be substituted by a dissertation on a subject approved by the Head of the Department of Politics and International Studies, which shall be submitted in accordance with the provisions of Regulation 19;
  - (iii) either one further paper chosen from POL10–19, or one paper chosen from POL6, SAN7–13, SOC6–15, ARC10–14 from Part II of the Archaeology Tripos, Paper 5 and Paper 6 for the subject History and Philosophy of Science in Part II of the Natural Sciences Tripos, or Paper 6 borrowed from Part II of the Historical Tripos.

- (b) Candidates in Social Anthropology
  - (i) Papers SAN5 and SAN6;
  - (ii) one paper chosen from Papers SAN7–13; this paper may be substituted by a dissertation on a subject approved by the Head of the Department of Archaeology and Anthropology, which shall be submitted in accordance with the provisions of Regulation 19.
  - (iii) either a further paper chosen from SAN7-13; or one paper chosen from POL13-14, SOC5-15, ARC10-14 from Part II of the Archaeology Tripos, BAN2 from Part II of the Archaeology Tripos, or Paper 5 for the subject History and Philosophy of Science in Part II of the Natural Sciences Tripos;
- (c) Candidates in Sociology
  - (i) one paper chosen from SOC6–13;
  - (ii) two further papers chosen from SOC6–15, one of which may be substituted by a dissertation on a subject approved by the Head of the Department of Sociology, which shall be submitted in accordance with the provisions of Regulation 19;
  - (iii) one paper chosen from POL13–14, SAN7–13, ARC10–14 from Part II of the Archaeology Tripos, BAN2 from Part II of the Archaeology Tripos, Papers PBS9–12 of the Psychological and Behavioural Sciences Tripos, or a further paper chosen from SOC6–15.
- (d) Candidates in Politics and Sociology
  - (i) two papers chosen from POL6, POL10–19;
  - (ii) two papers chosen from SOC5–15;
  - (iii) a candidate may substitute for one paper a dissertation on a subject approved by the Head of the Department of Politics and International Studies, which shall be submitted in accordance with the provisions of Regulation 19.
- (e) Candidates in Sociology and Social Anthropology
  - (i) two papers chosen from SOC5–15;
  - (ii) one paper chosen from SAN5 and SAN6, and one further paper chosen from SAN5–SAN13;
  - (iii) a candidate may substitute for one paper a dissertation on a subject approved by the Head of the Department of Sociology, which shall be submitted in accordance with the provisions of Regulation 19.
- (f) Candidates in Social Anthropology and Politics
  - (i) two papers from POL6, POL10–19;
  - (ii) one paper chosen from SAN5 and SAN6, and one further paper chosen from SAN5–SAN13;
  - (iii) a candidate may substitute for one paper a dissertation on a subject approved by the Head of the Department of Archaeology and Anthropology, which shall be submitted in accordance with the provisions of Regulation 19.

By deleting Regulation 19 and renumbering the remaining regulations.

By amending the Temporary Regulation so as to read:

21. The examinations for the Human, Social, and Political Sciences Tripos shall be held for the first time as follows:

Part I in 2018

Part IIA in 2019

Part IIB in 2020

# **Mathematical Tripos, Part III**

(Statutes and Ordinances, p. 369)

#### With effect from 1 October 2016

The General Board, on the recommendation of the Faculty Board of Mathematics, has approved the amendment of Regulation 22 to better reflect the classification of Part III by amending the wording to read:

The names of the candidates who have obtained honours in the examination for Part III shall be placed in two classes, corresponding to the first class and the upper division of the second class of Parts IA, IB, and II of the Mathematical Tripos. Distinctive marks shall be attached to the names of those candidates who in the opinion of the Examiners deserve special credit. Within the first class, the mark (d) shall be used to denote a distinguished performance, while the mark (m), denoting a meritorious performance, shall be attached to the names of the other candidates placed within the first class. All candidates shall be listed alphabetically.

## NOTICES BY FACULTY BOARDS, ETC.

# **Annual meetings of the Faculties**

Computer Science and Technology

The Chair of the Faculty Board of Computer Science and Technology gives notice that the Teaching Conference and Annual Meeting of the Faculty will be held at 2.15 p.m. on Tuesday, 15 November 2016, in Lecture Theatre 1 of the William Gates Building, JJ Thomson Avenue. All members of the Faculty are invited to attend.

#### Earth Sciences and Geography

The Chair of the Faculty Board of Earth Sciences and Geography gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Tuesday, 22 November 2016, in the Seminar Room, Department of Geography, Downing Place. The business will be the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 585), of two members of the Board in class (*c*) to serve for four years from 1 January 2017.

Nominations for the election and notice of any other business should reach the Secretary of the Faculty Board (email: secretary@esg.cam.ac.uk) not later than 17 November 2016.

## Human, Social, and Political Science

The Chair of the Faculty Board of Human, Social, and Political Science gives notice that the Annual Meeting of the Faculty will be held at 1 p.m. on Thursday, 17 November 2016, in the Seminar Room of the McDonald Institute for Archaeological Research, Downing Street. The main business will be the election of five members of the Faculty Board in class (c), in accordance with the General Regulations for the Constitution of the Faculty Boards (Statutes and Ordinances, p. 585). Nominations, signed by the proposer and seconder, for which the consent of the candidate must be obtained, should reach the Secretary of the Faculty Board (Ms Suzy Adcock, email: sfa26@cam.ac.uk) not later than lunchtime on Friday, 11 November 2016. Notice of any other business should reach the Secretary by the same date.

## Mathematics

The Chair of the Faculty Board of Mathematics gives notice that the Annual Meeting of the Faculty will be held at 2.15 p.m. on Thursday, 17 November 2016, in Meeting Room 5, Pavilion A, of the Centre for Mathematical Sciences. Business will include the election, in accordance with Regulation 1 of the General Regulations for the Constitution of the Faculty Boards (*Statutes and Ordinances*, p. 585), of:

- two members of the Faculty Board in class (a)(ii) to serve from 1 January 2017 for four years;
- two members of the Faculty Board in class (c) to serve from 1 January 2017 for four years.

Nominations for these elections should reach the Secretary of the Faculty Board of Mathematics, Room B1.30, Centre for Mathematical Sciences, Wilberforce Road, not later than 12 noon on Thursday, 10 November 2016.

Nominations should be in writing, should bear the signatures of the proposer and seconder, and should contain a signed statement by the nominee that he/she would consent to serve if elected. Any further items for the agenda should reach the Secretary by the same date.

## Veterinary Medicine

The Chair of the Faculty Board of Veterinary Medicine gives notice that the Annual Meeting of the Faculty will be held at 12.30 p.m. on Wednesday, 9 November 2016 in Lecture Theatre 2 of the Department of Veterinary Medicine, Madingley Road.

# Asian and Middle Eastern Studies Tripos, Part II

(Statutes and Ordinances, p. 278)

## With immediate effect

The Faculty Board of Asian and Middle Eastern Studies gives notice that Paper MES.39 shall be Paper 21 of Parts IIA and IIB of the History of Art Tripos.

## SUPPLEMENTARY REGULATIONS

PART II

Additional papers available for examination under Regulation 8

By amending the current descriptor for the paper to:

MES.39. Special subject in the pre-modern Middle East (Paper 21 of Parts IIA and IIB of the History of Art Tripos)

The Faculty Board of Asian and Middle Eastern Studies is satisfied that no candidate's preparation for the examination will be affected.

## 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, by comparison with those examinations in 2016, are published below. Complete details of the form and conduct of all examinations are available from the Faculties or Departments concerned.

# Asian and Middle Eastern Studies Tripos, Part II, 2016–17

Further to its Notice of 21 September 2016 (*Reporter*, 6435, 2016–17, p. 5) the Faculty Board of Asian and Middle Eastern Studies gives notice of the following amendment to the form and conduct of the examination for Paper MES.39.

MES.39. Special subject in the pre-modern Middle East (Paper 21 of Parts IIA and IIB of the History of Art Tripos)

This paper will now consist of fifteen questions instead of eight, in two sections. Section A will contain twelve essay questions instead of five; Section B will still contain three questions based on images for analysis and discussion. Candidates for the Asian and Middle Eastern Studies Tripos will still be required to answer three questions, at least one from each section. All questions will carry equal marks.

The Faculty Board of Asian and Middle Eastern Studies is satisfied that no candidate's preparation for the examination will be affected.

## Geographical Tripos, Parts IA and IB, 2017

The Faculty Board of Earth Sciences and Geography gives notice that, with effect from the examination to be held in 2017, there will be the following changes to the form and conduct of the examination.

PART IA

The constituent components of the examination at Part IA will be combined as follows:

Paper 1: one third of the overall mark

Paper 2: one third of the overall mark

Practical exercises (five combined): one third of the overall mark

Paper 1 (Human geography): students will be required to answer three questions from a total of not fewer than twelve questions.

Paper 2 (Physical geography) will be divided into three compulsory sections:

Section 1: Students are required to write three definitions from a total of not fewer than six options.

Section 2: Students are required to answer one question from a total of not fewer than six questions, which will directly address individual themes covered in the course material.

Section 3: Students are required to answer one question from a total of not fewer than four questions, which will require students to demonstrate their understanding of the linkages between different parts of the course.

PART IB

The examination for Paper 1 of Part IB will draw on material covered in both part (i) of the course (Geographical concepts) and part (iii) of the course (Geographical themes). Students will be required to answer any two questions from a choice of not fewer than six.

# Natural Sciences Tripos, 2016–17

The Committee of Management for the Natural Sciences Tripos give notice that, with effect from the examinations to be held in 2017, the form and conduct of certain of the examinations for the Natural Sciences Tripos will be changed as follows:

PART IB

## Cell and developmental biology

The written practical paper shall contain nine questions of equal weight, of which students should answer eight. The paper will no longer be subdivided into sections. The rubric will read: 'Answer any eight questions from the paper.'

Paper 1 and Paper 2 of the examination remain unchanged.

#### Plant and microbial sciences

- (a) One 1½ hour long written paper taken in the Easter Term (15% of the total mark).
- (b) Practical write-ups (10% of total mark). These are short write-ups of the practicals, which may be in the form of structured questions, or an informal 'lab book' write-up. Ten of the laboratory practical classes from Michaelmas (including the presentation), Lent, and Easter Terms are submissible. Write-ups for these practicals must be submitted during the term. Marks for the six best write-ups will be taken forward as write-up marks.

PART II

## **Biochemistry**

#### Paper 1

The paper will be of three hours' duration, and will contain questions on module A, 'Structural and chemical biology'. It will be divided into two sections. Section I will contain two questions of a broad, integrative nature, and/or requiring discussion of methods and approaches to addressing biochemical problems. Section II will contain five more focussed questions. Candidates will be required to answer one question from Section I, and two questions from Section II. Each question will carry equal marks.

#### Paper 2

The paper will be of three hours' duration, and will contain questions on module B, 'From genome to proteome'. It will be divided into two sections. Section I will contain two questions of a broad, integrative nature, and/or requiring discussion of methods and approaches to addressing biochemical problems. Section II will contain five more focussed questions. Candidates will be required to answer one question from Section I, and two questions from Section II. Each question will carry equal marks.

#### Paper 3

The paper will be of three hours' duration, and will contain questions on module D, 'Signalling and cancer'. It will be divided into two sections. Section I will contain two questions of a broad, integrative nature, and/or requiring discussion of methods and approaches to addressing biochemical problems. Section II will contain five more focussed questions. Candidates will be required to answer one question from Section I, and two questions from Section II. Each question will carry equal marks.

## Paper 4

The paper will be of three hours' duration. It will be divided into four sections. Section I will contain two questions on module C of a broad, integrative nature, and/or requiring discussion of methods and approaches to addressing biochemical problems. Sections II–IV will contain more focussed questions. Section II will contain three questions on the first half ('The dynamic cell') of module C. Section III will contain three questions on the 'Bioenergy' component of module C. Section IV will contain three questions on the 'Molecular microbiology of infectious disease' component of module C. Candidates will be required to answer one question from Section I, one question from Section II, and one question from either Section III or Section IV. Each question will carry equal marks.

All other parts of the examination, including Paper 5, remain unchanged.

#### History and philosophy of science

The written papers in both option (a) and (b) shall include a total of twelve questions per paper. The number of questions in section B will increase from eight to nine. The number of questions a candidate is required to answer remains the same.

## Physiology, development, and neuroscience

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. Candidates will be required to answer three questions, on each paper, from a selection of six. All questions will require an essay-type answer and will be worth equal marks. Some questions may take the format of 'either...or...';
- (b) a report of a research project. The report will consist of not more than 8,500 words including 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 third day of Full Easter Term. During the Easter Term candidates will be examined viva voce on their project. The report and viva voce examination will together carry 36% of the total marks for the examination.

#### Plant sciences

Each candidate shall offer:

- (a) four written papers of three hours each, answering three questions from six. 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 6,000 words. The report will carry 27% of the total marks for the examination.
- (c) a critical review essay. The essay will consist of not more than 2,500 words and carry 9% of the total marks for the examination.

Candidates may be asked to attend a viva voce examination.

## 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. During the Easter Term candidates will be examined viva voce on their project. The report and viva voce examination will together carry 36% of the total marks for the examination.

## Chemistry

Paper 1A will contain one question relating to each of the four core courses: A1, A2, A3, and A4. Candidates are required to answer all four questions, which carry equal weight.

Paper 1B will contain one question relating to the core course A1, one to the core course A2, and two to the course A6. Candidates are required to answer all four questions, which carry equal weight.

All other papers remain the same.

## Part II Physical sciences - Half Subject Chemistry

The attention of candidates is drawn to the above changes in the format of Paper 1A for NST Part II Chemistry. Candidates for Half-Subject Chemistry are required to answer two questions. The duration of the paper is 90 minutes.

PART III

#### **Biochemistry**

Paper 2 will be divided into two sections drawing on the overall scope of the Journal Clubs embedded in the group supervisions in the Michaelmas and Lent Terms and the seminar series on 'Scientific method and experimental design'. Section I will require the critical evaluation of a short biochemical research article in response to a series of compulsory questions embedded in the text. Section II will contain three essay questions of an integrative nature. Candidates shall answer one question from this section. Each section carries equal marks. The duration of Paper 2 remains unchanged.

All other papers remain unchanged.

## ACTA

# Approval of Graces submitted to the Regent House on 19 October 2016

The Graces submitted to the Regent House on 19 October 2016 (*Reporter*, 6440, 2016–17, p. 52) were approved at 4 p.m. on Friday, 28 October 2016.

J. W. NICHOLLS, Registrary

END OF THE OFFICIAL PART OF THE 'REPORTER'

## COLLEGE NOTICES

## **Elections**

## Newnham College

Elected a Fellow in Category D for three years with effect from 1 October 2016:

Delphine Mordey, B.A., M.St., Oxford, Ph.D., K

Elected a Fellow Emerita for life with effect from 21 October 2016:

Susan E. Owens OBE, M.A., Ph.D., *East Anglia*, Sc.D. (h.c.), *KTH*, *Stockholm*, Sc.D. (h.c.), *East Anglia*, FBA, FAcSS, HonMRTPI

#### Pembroke College

Elected to an Official Fellowship from 1 October 2016: Daniela Passolt, B.A., *Hamburg*, M.Sc., *SOAS*, Ph.D., *LSE* 

Elected to a Supernumerary Fellowship from 1 October 2016: Rebecca Verena Lämmle, Lic.Phil., D.Phil., *Basel* 

Elected to Research Fellowships from 1 October 2016:

Alice Victoria Corr, B.A., *CTH*, M.A., *Leon*, M.Phil., *K* Christopher John Ness, B.A., M.Eng., *CL*, Ph.D., *Edinburgh* 

Sertaç Sehlikoglu, B.A., *Bogazici*, B.A., *Concordia*, M.A., *Toronto*, Ph.D., *N* 

#### **Trinity College**

Elected into a Staff Fellowship under Title C from 1 September 2016:

Andrew Jonathan Paul Bourne, B.A., *Durham*, M.A., *Cranfield*, M.Phil., *JE*, on appointment as Assistant Bursar and as Junior Bursar from 1 January 2017

Elected into Teaching Fellowships under Title C from 1 October 2016:

Andrew John Sederman, M.Eng., M.A., Ph.D., *F*, Assistant Director of Research in Chemical Engineering

Catherine Elizabeth Margaret Aiken, M.B., B.Chir., M.A., Ph.D., *T*, Academic Clinical Lecturer in Obstetrics and Gynaecology

Milka Sarris, B.Sc., *Athens*, Ph.D., *CC*, University Lecturer in Physiology

Per Ola Kristensson, M.Sc., Ph.D., *Linkoping*, University Lecturer in Engineering Design

Benjamin James Spagnolo, LL.B., Western Australia, B.C.L., M.Phil., D.Phil., Oxford, College Lecturer in Law

Philip Michael Francis Knox, B.A., M.St., D.Phil., Oxford, University Lecturer in English

Elected into Honorary Fellowships from 10 June 2016:

Bryan John Birch, FRS Daniel Frenkel, FORMEMRS Roy Patrick Kerr

Elected into an Honorary Fellowship from 21 October 2016: Stephen John Toope

## **Other Notices**

Trinity College

## **Memorial Service for Professor Michael Longuet-Higgins**

A memorial service for Professor Michael Longuet-Higgins, Fellow of Trinity College, will be held in Trinity College Chapel on Saturday, 3 December 2016, at 2.30 p.m.

To assist with planning, those wishing to attend are asked to complete the following online form: https://www.trin.cam.ac.uk/events/memorial-service-michael-longuet-higgins/.

## SOCIETIES, ETC.

# Cambridge Philosophical Society

The Society's third lecture of the Michaelmas Term will take place at 6 p.m. on Monday, 7 November 2016, in the Bristol-Myers Squibb Lecture Theatre, Department of Chemistry, Lensfield Road. Professor Timothy Cox, M.D., FRCP, FMedSci, will give a lecture entitled *Molecular medicines for the lysosome*.

Further details are available at http://www.cambridgephilosophicalsociety.org/lectures.shtml.

## EXTERNAL NOTICES

# **University of Oxford**

The Queen's College: Chaplain; tenure: five years; applications are invited from men and women in Anglican Priest's Orders; stipend: £25,834; closing date: 28 November 2016 at 12 noon; further details: http://www.queens.ox.ac.uk/

Junior Research Fellowship in Philosophy; stipend: £22,000 plus benefits and allowances; closing date: 2 December 2016 at 12 noon; further details: http://www.queens.ox.ac.uk

College Career Development Fellowship in Ancient Philosophy; salary: £28,452 plus allowances; closing date: 16 December 2016 at 12 noon; further details: http://www.queens.ox.ac.uk/vacancies