<div align="right">

Final Honour Schools of Computer Science,
Computer Science & Philosophy and
Mathematics & Computer Science

Part A Examination 2017

</div>

Notice to Candidates
from the Examiners in Computer Science

Purpose of this notice

Full particulars of the examinations are given in the *Examination Regulations* 2016, and Examination Conventions for 2016/17 can be found at

<div align="center">

http://www.cs.ox.ac.uk/teaching/examconventions/bacompsci.html

</div>

This notice is confined to matters that may need emphasis or amplification. It is addressed only to candidates in the Honour Schools of Computer Science, Computer Science & Philosophy and of Mathematics & Computer Science. If you are a candidate from another school (for example Mathematics) then you should refer for information to notices circulated by the Chairmen of Examiners in those schools.

The marking and classification scheme for finals is described in the Examination Conventions.

Independence of Examiners

It must be stressed that to preserve the independence of examiners, candidates are not allowed to contact them directly about matters relating to the content or marking of papers. Any communication must be via the Senior Tutor of the candidate's college, who will contact the Proctors if appropriate. The Proctors will in turn communicate with the Chairman of Examiners.

Conduct of the examination

Candidates will be required to produce their University cards at the start of each examination session.

The marking of the examination - including practical work - is conducted as far as possible in ignorance of the candidates' names and colleges. To this end the following points are to be observed:

> **Scripts:** Every candidate will be provided with an examination number, and all work handed in must be attached to a cover sheet marked with that number. Even if the candidate submits no written work for an examination which he or she attends, a cover sheet should be submitted. Neither the name nor the college of the candidate should appear anywhere on the script.

> **Practicals:** Each separate report of practical work should be conspicuously labelled with the candidate's examination number only, and not with the candidate's name or college.[1] Please also ensure that each report clearly indicates the subject and number of the exercise, e.g. Compilers, practical exercise 2. See also the section on "Practical work".

> **Calculators:** The Regulations state that "The use of calculators is generally not permitted but certain kinds may be allowed for certain papers". **There are no papers this year for which a calculator is allowed.**

> **Rough work:** All work, including rough work, must be submitted on the paper provided, and must be handed in at the end of the examination. Candidates may not bring their own paper.

---

[1] This regulation is designed for your own protection. However, it is not the policy of the examiners to penalise candidates who inadvertently break this rule when handing in practical work.

Legibility: Illegible scripts, if they are to be considered by the examiners, will be typed at the candidate's expense.

Handing in: Each candidate is responsible for handing in his or her scripts, appropriately bundled according to the instructions (if any) on the examination paper. Each bundle must have a completed cover sheet, and candidates should hand in an empty cover sheet for those sections of a paper from which they attempt no questions.

Timetable

The detailed timetable for the Examination has yet to be finalised by the Clerk of Schools. Candidates will receive a copy of this from the Clerk of Schools in due course.

Composition of papers

The details below are confined to Part A Computer Science papers; similar details for papers under the control of other schools should be sought from those schools.

Computer Science papers

Paper	Which Cohort?	Number of questions	Maximum number of questions to be answered	Marks per question	Duration of exam
Algorithms and Data Structures	CS, CS&P	3	2	25	2 hours
Compilers	CS, CS&P	3	2	25	2 hours
Computer Architecture	CS, CS&P	3	2	25	2 hours
Computer Graphics	CS, CS&P	3	2	25	2 hours
Computer Networks	CS, CS&P	3	2	25	2 hours
Concurrency	CS, CS&P	3	2	25	2 hours
Concurrent Programming	CS, CS&P, M&CS	3	2	25	2 hours
Databases	CS, CS&P	3	2	25	2 hours
Intelligent Systems	CS, CS&P	3	2	25	2 hours
Logic and Proof	CS, CS&P, M&CS	3	2	25	2 hours
Models of Computation	CS, CS&P, M&CS	3	2	25	2 hours
Object Oriented Programming	CS, CS&P, M&CS	3	2	25	2 hours

On all Computer Science papers there will be an indication of how many marks out of the total available are allocated to each part of each question. This is intended as a guide to candidates in allotting time and effort.

On 2 hour papers candidates may answer up to 2 questions.

Practical work

Handing in Practical Reports: Candidates must hand these reports in to the Chair of Examiners **at the Department of Computer Science** by noon on Friday of week 5 of Trinity Term. Details of the hand-in procedure will be sent to you in due course.

Presentation of Practical Work: The practical work must be bound together in a single file (or packed in a single envelope) addressed to the Chairman of Examiners in Computer Science (or Computer Science & Philosophy or Mathematics and Computer Science as the case may be) and must be marked clearly on the outside with the candidate's name, examination number, and the Honour School in which the candidate is being examined (either Computer Science, Computer Science & Philosophy or Mathematics and Computer Science). The bundle must include the declaration form included with this notice: on it the candidate declares the work to be his or her own. A separate arrangement will be made for handing in group practical reports. This will be communicated to students in due course.

Assessment of Practical Work: The examiners will determine a mark for the practical work associated with each computer science paper, taking into account the provisional mark assigned by the demonstrator and their own assessment of the work submitted.

The group design exercise forms an additional component of the practical course for all students. Each team must submit a group report of their team's work on this exercise, together with a one-page summary of each individual's own contribution. Students must pass the group design exercise in order to pass the practical component in Part A.

Practicals do not contribute to the classification of candidates but each candidate must pass the practical course in order to pass the examination.

The detailed procedure for assessing practical work is set out in the Examination Conventions but, broadly speaking, a candidate will pass the practical course if they have completed adequately (at Grade S) slightly more than half the practical work for the papers they have chosen as well as the group practical component.

Factors Affecting Performance

Candidates who would like the examiners to be aware of any factors that may have affected their performance before or during an examination are advised to discuss their circumstances with their college and consult the Examination Regulations (Part 13) The board of examiners will use the following procedure for the consideration of medical and other special circumstances transmitted to them via the Examinations and Assessments Section:

a) A subset of the board will meet to discuss the individual applications and band the seriousness of each application on a scale of 1-3 with 1 indicating minor impact, 2 indicating moderate impact, and 3 indicating very serious impact. When reaching this decision, examiners will take into consideration the severity and relevance of the circumstances, and the strength of the evidence. Examiners will also note whether all or a subset of papers were affected, being aware that it is possible for circumstances to have different levels of impact on different papers.

b) The banding information will be used at the final Board of Examiners meeting to adjudicate on the merits of candidates;

c) A brief, formal record will be kept confirming (i) the fact that information about special circumstances has been considered by the examiners, (ii) how that information has been considered, and (iii) the outcome of the consideration with the reasons for the decisions reached.

Further information on how to make an application for consideration of factors affecting performance in an examination is available at http://www.ox.ac.uk/students/academic/exams

The examiners in Part A may adjust the marks of a candidate in some papers in the light of this evidence, but will in any case pass on the evidence to the Part B examiners in the following year. The examiners in

Part B will consider evidence relating to a candidate's performance both in Part A and in Part B. They also may adjust the marks for certain papers, and may in addition deviate in a candidate's favour from the usual relationship between average marks and degree classes, particularly when there is medical evidence relating to Part A, and the candidate's performance in Part B is markedly improved.

Results

The examiners hope to send details of individual marks to tutors on about 10th July 2017.

Difficulties

Any candidate who encounters difficulties with any of the above should discuss the matter with his or her tutor without delay.

<div align="right">

Prof. M. Goldsmith
Chairman of Examiners
Final Honour Schools of Computer Science
Computer Science & Philosophy and
Mathematics & Computer Science
(Hilary Term 2017)

</div>

Declaration Form for Practical Work

This form is to be handed in with practicals. The form must be signed.

I declare that the reports on practicals which I have handed in are all my own work except for marks and comments by demonstrators, and other material clearly indicated.

Name   . . . .

College   . . . .

Candidate no. . . . .

Honour school . . . .

Signature: Date: