

COMPUTER SCIENCE TRIPOS, 2012

FORM AND CONDUCT NOTICE

The Faculty Board of Computer Science and Technology give notice that, with effect from the examinations to be held in 2012, the form of the examination for Part IA, Part IB and Part II of the Computer Science Tripos will be as specified below.

Computer Science Tripos, Part IA

Paper 1 will be divided into four sections. Section A will contain two questions on Foundations of Computer Science. Section B will contain two questions on Discrete Mathematics I. Section C will contain two questions on Algorithms I. Section D will contain two questions: one on Floating-Point Computation and one on Object-Oriented Programming with Java. Candidates will be expected to answer one question from each of the four sections, and one further question taken from any section.

Paper 2 will be divided into four sections. Section A will contain two questions on Digital Electronics. Section B will contain two questions on Operating Systems. Section C will contain two questions on Discrete Mathematics II. Section D will contain three questions: one on Probability, one on Regular Languages and Finite Automata, and one on Software Design. Candidates will be expected to answer one question from each of Sections A, B and C, and two questions from Section D.

Computer Science Tripos, Part IB

Papers 3 to 6 will not be divided. Paper 3 will contain nine questions in the general area of Programming. Paper 4 will contain nine questions in the general area of Applications and Professionalism. Paper 5 will contain nine questions in the general area of Systems. Paper 6 will contain ten questions in the general area of Theory. In these papers, candidates will be expected to answer five questions.

Computer Science Tripos, Part II

Papers 7, 8 and 9 will not be divided. Each paper will contain fourteen questions. In these papers, candidates will be expected to answer five questions.

The dissertation will carry a weight of approximately one quarter that given to the entire examination.