

# **Engineering Tripos Part IIB 2011-2012**

## **Notice to Candidates**

1. The Faculty Board of Engineering give notice that the Engineering Tripos Part IIB will be held in 2011-12.

2. The written examinations will be held in the Engineering Department and in the University's Large Examination Hall, and will start on Monday 23 April 2012 and end on or before Friday 11 May 2012.

The list of modules with written examinations, together with the numbers and distribution of questions for each examination paper, is shown in the table below. A detailed timetable of examinations will be posted during the Lent term.

All written examinations will last for 1½ hours, unless stated otherwise in the Form and Conduct notice. Candidates will be allowed to enter the examination room 15 minutes before the start of this time and will have 10 minutes to read through the examination paper, except in the case of 4I8 Medical Physics.

3. Each candidate shall offer eight modules in total unless the Faculty Board has exceptionally given permission for substitution of a dissertation for one module. For each module in the Tripos, the form of examination is by either (i) coursework only, or (ii) written paper only, or (iii) a mixture of coursework and written paper. All modules carry an equal weight regardless of the method of assessment. Where a module is assessed by the combination of written paper and coursework, the coursework will carry weight equal to one quarter of one module with the written paper carrying three-quarters of the module weight. In the exceptional case of a dissertation being submitted in place of a module, the dissertation will carry weight equal to one module.

4. Each candidate shall also submit a report on a project that he or she is undertaking during the academic year.

The project will carry marks equal to six modules.

This project report must be handed into the Department on or before 30 May 2012 to the relevant Group Centre, details of which are given in the document 'Second Notice about Fourth Year Projects' dated June 2011.

5. Students who obtain a mark of at least lower second-class equivalent standard in their project, at least third-class equivalent standard in their combined module marks and at least lower second-class equivalent standard overall (the project total being given weight equivalent to three quarters of the module total) will normally graduate with the M.Eng. degree, as well as the B.A. degree.

Students who are judged to be of first class standard in both their module aggregate and their project will be awarded a distinction. Students who are not of distinction standard but who are judged to be of at least upper second-class standard in both their module aggregate and their project will be awarded a merit grade. In other respects the examination will not be classed.

6. Any coursework associated with modules will be specified by the module leader along with dates by which the work has to be handed in for assessment. Coursework that has been marked and returned to students should be kept in a safe place. Students will have to return it to the Department in the Easter Term 2012 for scrutiny by the Examiners.

Failure to keep coursework and failure to hand it in complete with the assessor's comments could result in the Examiners querying the validity of both the work and the marks. Please watch out for further notices giving details of the arrangement for handing in coursework.

The students must ensure that their names and the module title are clearly written on each coursework submission, which must be separately bound and submitted for each module together with the assessor's comments and markings. This set of coursework produced by each student should then be handed in, ideally within a single folder, clearly marked with the student's name and College.

7. The examination for module 4C7 will be specified as an 'open book' examination as defined in the form and conduct notice.

For this 'open book' module examination, candidates are authorised to bring into the examination room any lecture notes issued by the module lecturers on that particular module, together with lecture notes on that module written personally by the student in his or her own handwriting. No other material is authorised to be brought into the examination room. Permitted notes for one 'open book' module may not be brought into the examination on any other module. In all other modules the normal rules of University Examinations apply and no written material or lecture notes may be brought into the examination room.

8. The examination for module 4I8, a module in Part III of the Physics Tripos, will be taken under the rules applying to examinations in that Tripos. There will therefore be no reading time at the beginning of the examination for this module. Candidates will be able to enter the examination room 10 minutes before the start time to find their seat.

9. Standard data books as used in Part I of the Engineering Tripos will be available at all examinations. Where additional data sheets or data books were provided for a particular module these will be made available in the relevant examination.

10. Candidates will be allowed to take into the Examination Room only officially marked calculators as explained in the 2011/12 Calculator Notice available on the Fourth Year (Part IIB) Teaching Office webpages.

11. In the working of all questions, and in the evaluation of numerical quantities, candidates should show a sufficient number of steps, along with adequate explanation of their reasoning, to allow the Examiners to make a proper assessment of their answers. Candidates are reminded that illegible writing may put them at a serious disadvantage.

12. In all papers, the different questions on each paper carry the same number of marks, unless specifically stated otherwise. Questions which have been divided into sections will have a percentage mark beside each section. This percentage will be indicative of the relative weighting that examiners expect to attach to that section in their marking of the question. Examiners reserve the right to vary this percentage for flair or other factors demonstrated by the candidates.

13. Sample question papers will not be prepared, but for new modules or modules significantly changed from last year, the candidates may expect examples papers to be given out by the lecturers on the module and these examples papers will contain some questions which give an indication of the style and difficulty which may be expected in any written examination on that module.