Mathematical, Physical and Life Sciences Division

Approved by Division and Education Committee

Title of Programme
Preliminary examination in Mathematics and Computer Science

Brief note about nature of change: Replaces Honour Moderations in Mathematics and Computer Science with a Preliminary Examination.

Effective date
1 October 2012 (for first examination in 2013)

Location of change
In Examination Regulations 2011

Detail of change
1. p.57, delete ll.26-27
2. p.59, l.10, delete '*'
3. p.93, delete ll.1-45
4. delete from p 130 l.31 to p 131 l.8, and substitute:

"Special Regulations for the Preliminary Examination in Mathematics and Computer Science

A
The subject of the examination shall be Mathematics and Computer Science. The syllabus and number of papers shall be prescribed by regulation from time to time by the Mathematical, Physical and Life Sciences Board.

B
1. The Preliminary Examination in Mathematics and Computer Science shall comprise five compulsory written papers plus compulsory Computer Science practicals equivalent to one written paper:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>CS1</td>
<td>Functional Programming, and Design and Analysis of Algorithms</td>
</tr>
<tr>
<td>CS2</td>
<td>Imperative Programming</td>
</tr>
<tr>
<td>MCS3</td>
<td>Continuous Mathematics and Probability</td>
</tr>
<tr>
<td>M1</td>
<td>Mathematics I (as specified for the Preliminary Examination in Mathematics)</td>
</tr>
<tr>
<td>M2</td>
<td>Mathematics II (as specified for the Preliminary Examination in Mathematics)</td>
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<td></td>
<td>Computer Science Practicals</td>
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</table>

2. The syllabus for each paper will be published by the Department of Computer Science in a handbook for candidates by the beginning of the Michaelmas Full Term in the academic year of the examination, after consultation with the Faculty of Computer Science (for papers CS1, CS2 and MCS3) and the Faculty of Mathematics (for papers M1, M2 and MCS3). Each paper will contain questions of a straightforward character.

3. All candidates will be assessed as to their practical ability in Computer Science under the following provisions:

   (a) The Head of the Department of Computer Science, or a deputy, shall make available to the examiners evidence showing the extent to which each candidate has pursued an adequate course of practical work. Only that work completed and marked by noon on Monday of the fifth week of the Trinity Term in which the candidate takes the examination shall be included in these records.

   (b) Candidates shall submit to the Chairman of the Moderators in the Preliminary Examination of Mathematics and Computer Science, c/o the Academic Administrator, Oxford University Department of Computer Science, Oxford, by noon on Monday of the fifth week of the Trinity Term in which the examination is being held, their reports of practical exercises completed during their course of study. For a report on a practical exercise to be considered by the moderators, it must have been marked by a demonstrator and must be accompanied by a statement that it is the candidate's own work except where otherwise indicated.

   (c) The moderators shall take the evidence (a) and the reports (b) into account in assessing a candidate's performance.

   (d) Candidates whose overall performance on practical work is not satisfactory may be deemed to have failed the examination.

4. Candidates shall be deemed to have passed the examination if they have satisfied the Moderators in the six papers in clause 1 either at a single examination or at two examinations in accordance with clause 6 or clause 7.

5. The Moderators may award a distinction to candidates of special merit who have satisfied them in all six papers in clause 1 in one examination.

6. Candidates who fail one or two written papers listed in clause 1 may offer those papers at one, but no more than one, subsequent examination.

7. Candidates who fail three or more papers may enter the written part of the examination on one, but no more than one, subsequent examination.

8. The use of calculators is generally not permitted but certain kinds may be allowed for...
certain papers. Specifications of which papers and which types of calculators are permitted for those exceptional papers will be announced by the examiners in the Hilary Term preceding the examination."

**Explanatory Notes**

These regulations replace the Honour Moderations in Mathematics and Computer Science with a Preliminary Examination, in accordance with Education Committee policy. The opportunity is taken to revise the written papers in accordance to the revisions for the Preliminary Examination in Mathematics.