

Medical Sciences Divisional Board**Approved by Ros Whiteley on 14.05.21****Title of Programme/ Name of Regulation**

Honour School of Molecular and Cellular Biochemistry

Brief note about nature of change: New course structure for FHS Part I.**Location of change**In *Examination Regulations 2018/19*<https://examregs.admin.ox.ac.uk/Regulation?code=hsomandcellbioc&srchYear=2020&srchTerm=1&year=2018&term=1>**Effective date****For students starting the course from MT 2020 and also for students starting FHS from MT 2021****For first examination from 2022-23.****Detail of change**

Amend citation reference. 1.5 as follows (new text underlined, deleted text struck through):

5. No candidate may present ~~him or herself~~ themselves for examination in Part II unless the candidate has been adjudged worthy of Honours by the examiners in Part I.

Amend citation reference 1.13 as follows (new text underlined, deleted text struck through):

(a) Candidates may, in addition to any one or more of the ~~below-mentioned~~ subjects given below, offer themselves for examination in one or more Supplementary Subjects.

Amend citation reference 1.16 as follows (new text underlined, deleted text struck through):

(d) In determining the place of candidates in the Class Results List the examiners shall take account of good performance in any Supplementary Subjects which have been offered.

Delete citation references 1.18 – 1.24 and replace as follows (new text underlined, deleted text struck through):

~~Six written papers will be set:~~

~~Paper I Structure and Function of Macromolecules;~~

~~Paper II Energetics and Metabolic Processes;~~

~~Paper III Genetics and Molecular Biology;~~

~~Paper IV Cell Biology and the Integration of Function;~~

~~Paper V General Paper;~~

~~Paper VI Data Analysis and Interpretation.~~

Part I will consist of four termly summative assessments, a course of practical work, and seven compulsory written papers. The seven written papers will be:

(1) Data Handling;

(2) Critical Reading and Analysis of Research Papers;

(3) Information Transfer in Biological Systems;

(4) Molecular Processes in the Cell;

(5) Cellular Chemistry;

(6) The Cell in Time and Space;

(7) General Paper.

Amend citation reference 1.25 as follows (new text underlined, deleted text struck through):

The written papers will be taken in Trinity Term of the third year. Candidates will be required to show knowledge of the fundamental biochemistry of animals, plants, and micro-organisms. This will include the chemical and physical basis of the subject, its relevance to living systems; structure, function, and metabolism of viruses, cells and subcellular components, organs and organisms; biochemical aspects of nutrition, differentiation, genetics, absorption, secretion, biosynthesis, and maintenance of a dynamic state. In the general paper, candidates will be expected to bring together a

~~knowledge of these disparate areas of Biochemistry. The data analysis and interpretation handling paper will consist of questions designed to examine candidates' skills in data handling manipulation and the interpretation of experimental data; relevant tables and formulae will be supplied. In the general paper, candidates will be expected to bring together a knowledge of the material in the other papers.~~

The termly summative assessments are computer-based assessments taken in Hilary and Trinity Terms of the second year and Michaelmas and Hilary Terms of the third year. These will be based on material covered in the course during the previous term. The Director of Teaching, or a deputy, shall make available to the examiners records showing the marks achieved by each candidate in the termly summative assessments. In determining the place of candidates in the Results List the Examiners shall take account of the marks reported for the termly summative assessments.

Delete citation references 1.26 (new text underlined, deleted text struck through):

~~Except with the express permission of the Head of the Department of Biochemistry, no one shall be admitted to the Final Honour School of Molecular and Cellular Biochemistry course of practical work and exercises in biochemical reasoning who has not passed, or been exempted from, the First Public Examination.~~

Amend citation reference 1.27 as follows (new text underlined, deleted text struck through):

The Director of Teaching, or a deputy, shall make available to the examiners records showing the extent to which each candidate has adequately pursued a course of laboratory work and exercises in biochemical reasoning. In assessing the record of practical work and exercises in data handling, the examiners shall have regard to the attendance record of the candidates at each and every class provided, and to the marks recorded for each and every class provided. ~~Candidates whose overall performance in either the written papers or in practical work and data handling is judged by the examiners to be insufficient to warrant the award of Honours may either be deemed to have failed the examination, or may be awarded a Pass. Candidates in either category will not be allowed to proceed to Part II. The examiners will issue a list of candidates who are allowed to proceed to Part II.~~

Amend citation reference 1.28 as follows (new text underlined, deleted text struck through):

If requested by the examiners, the Department will provide access to any practical work submitted by candidates via the University approved online submission system. If requested by the examiners, candidates shall submit any notebooks containing reports, initialled by the demonstrators, of practical work and exercises in biochemical reasoning completed during their course of study for Part I. These notebooks shall be available to the examiners at any time after the end of the first

~~week of the term in which the examination is held~~ Trinity Term of the third year. Each notebook shall be accompanied by a certificate signed by the candidate indicating that the notebook submitted is the candidate's own work.

Amend citation reference 1.30 as follows (new text underlined, deleted text struck through):

Part II will consist of project work and course work. ~~Each candidate may be examined viva voce on the Part II examination.~~

Amend citation reference 1.32 as follows (new text underlined, deleted text struck through):

Project work: The project will be carried out over 23 weeks, in the extended Michaelmas Term, Hilary Term and the first three weeks of Trinity Term unless permission to alter these dates is obtained from the Department

Amend citation reference 1.34 as follows (new text underlined, deleted text struck through):

Candidates will be required to present an account of such work in the form of a dissertation (not more than 8,000 words excluding tables, figures, reference list and abstract). ~~Dissertations~~ The dissertation (two copies) must be legibly typed on one side only of A4 paper and must be held in a stiff cover. An electronic copy (ideally on CD or USB memory stick) including this, and only this material, should also be provided must be submitted through the University approved online submission system. ~~Each dissertation must begin with an abstract of not more than 200 words, which should include a brief statement of the aims of the project and a summary of its important findings. The two typed copies, and the electronic copy, of the~~ The dissertation must be submitted by noon on Thursday of the fifth week of the Trinity Full Term of the Part II year, ~~addressed to the Chair of Examiners in the Final Honour School of Molecular and Cellular Biochemistry, Part II, c/o the Examination Schools, High Street, Oxford.~~ Each candidate must submit, together with their project, a statement to the effect that the project is the candidate's own work or indicating where the work of others has been used, save that supervisors should give advice on the choice and scope of the project, provide a reading list, and comment on the first draft. ~~This statement must be submitted at the same time as the project in a sealed envelope addressed to the Chair of Examiners. Each project, and the envelope containing the statement, must be clearly labelled with the candidate's number. The name and college of the candidate must not appear on the project or on the envelope.~~ The examiners may obtain a written report on the work of each candidate from the supervisor concerned.

Amend citation reference 1.35 as follows (new text underlined, deleted text struck through):

Candidates will be required to present a brief oral report of their research project in the last three weeks of Trinity Full Term, after which the candidate shall be examined viva voce on the project. The form of the presentation to examiners shall be specified in guidelines published by the Department of Biochemistry in Week 8 of Trinity Full Term in the academic year preceding the ~~the~~ Part II year.

Amend citation reference 1.40 as follows (new text underlined, deleted text struck through):

Coursework must be submitted via ~~WebLearn~~ the University approved online submission system (~~according to the instructions set out in the letter to candidates from the Chair of Examiners~~), not later than noon on Thursday of the first week of Trinity Full Term of the Part II year, together with a statement certifying that the work is the candidate's own work. No work will be accepted if it has already been submitted, either wholly or substantially, for an Honour School other than Molecular and Cellular Biochemistry, or for another degree of this University, or for a degree of any other institution.

Explanatory Notes

The main changes are due to the introduction of a new FHS Part I course and examination structure. Additional amendments have been made to the text to reflect the change to online coursework submission. Further text has been amended to update terminology and future proof the regulations.