NST2 - all students are permitted the use of an approved calculator for these exams

| NS12 - all students are p | permitted the use of an approved | Calculator for th | Details of borrowing | Length of |                          | How many questions should be answered. Sections also  |                                  |  | Any other relevant details such as the use of formula |
|---------------------------|----------------------------------|-------------------|----------------------|-----------|--------------------------|---|----------------------------------|--|---|
| Course title              | Exam title                       | Exam code         | Triposes             | exam      | Format                   | outlined.   | Type of questions                | The weighting of exam paper                                      | sheets or data books.                                 |
| Astrophysics              | Paper 1                          | 1                 |                      | 3 hours   | Closed book              | Each question is divided into Part i and Part ii with, typically, 2   | Written answer with calculations | Part ii questions carry twice as many                            |   |
|                           |                                  |                   |                      |           | In-person                | -5 related questions to each part.  | or diagrams                      | marks as Part i. Each of the 4 exam                              |   |
|                           |                                  |                   |                      |           | Handwritten              | 8 questions in total and up to 6 may be attempted.  | _                                | papers are worth 180 marks with                                  |   |
|                           |                                  |                   |                      |           |                          |   |                                  | either one computer or essay                                     |   |
|                           |                                  |                   |                      |           |                          |   |                                  | coursework project worth a further                               |   |
|                           |                                  |                   |                      |           |                          |   |                                  | 120 marks. Total marks 840                                       |   |
| Astrophysics              | Paper 2                          | 2                 |                      | 3 hours   | Closed book              | Each question is divided into Part i and Part ii with, typically, 2   | Written answer with calculations | Part ii questions carry twice as many                            | A formulae book                                       |
|                           |                                  |                   |                      |           | In-person                | -5 related questions to each part.  | or diagrams                      | marks as Part i. Each of the 4 exam                              |   |
|                           |                                  |                   |                      |           | Handwritten              | 8 questions in total and up to 6 may be attempted.  |                                  | papers are worth 180 marks with                                  |   |
|                           |                                  |                   |                      |           |                          |   |                                  | either one computer or essay                                     |   |
|                           |                                  |                   |                      |           |                          |   |                                  | coursework project worth a further                               |   |
|                           |                                  |                   |                      |           |                          |   |                                  | 120 marks. Total marks 840                                       |   |
| Astrophysics              | Paper 3                          | 3                 |                      | 3 hours   | Closed book              | Each question is divided into Part i and Part ii with, typically, 2   |                                  | Part ii questions carry twice as many                            | A formulae book                                       |
|                           |                                  |                   |                      |           | In-person                | -5 related questions to each part.  | or diagrams                      | marks as Part i. Each of the 4 exam                              |   |
|                           |                                  |                   |                      |           | Handwritten              | 8 questions in total and up to 6 may be attempted.  |                                  | papers are worth 180 marks with                                  |   |
|                           |                                  |                   |                      |           |                          |   |                                  | either one computer or essay                                     |   |
|                           |                                  |                   |                      |           |                          |   |                                  | coursework project worth a further<br>120 marks. Total marks 840 |   |
| Astrophysics              | Paper 4                          | 4                 |                      | 3 hours   | Closed book              | Each question is divided into Part i and Part ii with, typically, 2   | Written answer with calculations | Part ii questions carry twice as many                            | A formulae book                                       |
| Astrophysics              | rapei 4                          | 4                 |                      | 3 Hours   | In-person                | -5 related questions to each part.  | or diagrams                      | marks as Part i. Each of the 4 exam                              | A formulae book                                       |
|                           |                                  |                   |                      |           | Handwritten              | 8 questions in total and up to 6 may be attempted.  | or diagrams                      | papers are worth 180 marks with                                  |   |
|                           |                                  |                   |                      |           | Handwitten               | o questions in total and up to o may be attempted.  |                                  | either one computer or essay                                     |   |
|                           |                                  |                   |                      |           |                          |   |                                  | coursework project worth a further                               |   |
|                           |                                  |                   |                      |           |                          |   |                                  | 120 marks. Total marks 840                                       |   |
| History and Philosophy    | Philosophy and Ethics of         | NST2BBS/ 107      |                      | 3 hours   | Open Book                | This paper has two sections, with six questions in each. Section  | Essay style                      |  |   |
| of Science (BBS)          | Medicine                         |                   |                      |           | Online via Moodle        | A is Ethics of Medicine, Section B is Philosophy of Medicine.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Students answer four questions, at least one question from  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | each section.   |                                  |  |   |
| History and Philosophy    | Early Medicine                   | NST2BBS/113       |                      | 3 hours   | Open Book                | Students answer 3 questions from 12.  | Essay style                      |  |   |
| of Science (BBS)          |                                  |                   |                      |           | Online via Moodle        |   |                                  |  |   |
|                           |                                  |                   |                      |           |                          |   |                                  |  |   |
| History and Philosophy    |                                  | NST2BBS/114       |                      | 3 hours   | Open Book                | Students answer 3 questions from 12.  | Essay style                      |  |   |
| of Science (BBS)          | Biomedical Sciences              |                   |                      |           | Online via Moodle        |   |                                  |  |   |
| Dischausista.             | Danier 1                         | Daniel 1          |                      | 3 hours   | Class d basels           | T   | F                                | 16%  |   |
| Biochemistry              | Paper 1                          | Paper 1           |                      | 3 nours   | Closed book<br>In-person | Two sections.   | Essay style                      | (BBS = 12.8%)  |   |
|                           |                                  |                   |                      |           | Inspera                  | Section I = 2 questions of a broad, integrative nature, and/or requiring discussion of methods and approaches to addressing |                                  | (BBS = 12.8%)  |   |
|                           |                                  |                   |                      |           | шзрега                   | biochemical problems.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Section II = 5 more focussed questions.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Students answer one question from Section I, and two  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | questions from Section II.  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Each question will carry equal marks.   |                                  |  |   |
| Biochemistry              | Paper 2                          | Paper 2           | NST2BBS_134          | 3 hours   | Closed book              | Two sections.   | Essay style                      | 16% (including BBS minor)  |   |
|                           |                                  |                   | NST2ZO/ZM7           |           | In-person                | Section I = 2 questions of a broad, integrative nature, and/or  |                                  | (BBS = 12.8%)  |   |
|                           |                                  |                   |                      |           | Inspera                  | requiring discussion of methods and approaches to addressing  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | biochemical problems.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Section II = 5 more focussed questions.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Students answer one question from Section I, and two  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | questions from Section II.  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Each question will carry equal marks.   |                                  | -  |   |
| Biochemistry              | Paper 3                          | Paper 3           | NST2BBS_135          | 3 hours   | Closed book              | Two sections.   | Essay style                      | 16% (including BBS minor)  |   |
|                           |                                  |                   | NST2ZO/ZL7           |           | In-person                | Section I = 2 questions of a broad, integrative nature, and/or  |                                  | (BBS = 12.8%)  |   |
|                           |                                  |                   |                      |           | Inspera                  | requiring discussion of methods and approaches to addressing  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | biochemical problems.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Section II = 5 more focussed questions.   |                                  |  |   |
|                           |                                  |                   |                      |           |                          | Students answer one question from Section I, and two  |                                  |  |   |
|                           |                                  |                   |                      |           |                          | questions from Section II.  |                                  |  |   |
|                           | 1                                |                   |                      |           |                          | Each question will carry equal marks.   | 1                                | <u> </u>   | <u> </u>  |

|                          | I                             | 1       |                   | 1                       |                           |  |               |               |  |
|--------------------------|-------------------------------|---------|-------------------|-------------------------|---------------------------|--|---------------|---------------|--|
| Biochemistry             | Paper 4                       | Paper 4 |                   | 3 hours                 | Closed book               | Four sections.   | Essay style   | 16%           |  |
|                          |                               |         |                   |                         | In-person                 | Section I = 2 questions on module C of a broad, integrative  |               | (BBS = 12.8%) |  |
|                          |                               |         |                   |                         | Inspera                   | nature, and/or requiring discussion of methods and   |               |               |  |
|                          |                               |         |                   |                         |                           | approaches to addressing biochemical problems.   |               |               |  |
|                          |                               |         |                   |                         |                           | Sections II–IV will contain more focussed questions.   |               |               |  |
|                          |                               |         |                   |                         |                           | Section II = 3 questions on the first half ('The dynamic cell') of   |               |               |  |
|                          |                               |         |                   |                         |                           | module C.  |               |               |  |
|                          |                               |         |                   |                         |                           | Section III = 3 questions on the 'Bioenergy' component of  |               |               |  |
|                          |                               |         |                   |                         |                           | module C.  |               |               |  |
|                          |                               |         |                   |                         |                           | Section IV = 3 questions on the 'Molecular microbiology of   |               |               |  |
|                          |                               |         |                   |                         |                           | · · · · · · · · · · · · · · · · · · ·  |               |               |  |
|                          |                               |         |                   |                         |                           | infectious disease' component of module C.   |               |               |  |
|                          |                               |         |                   |                         |                           | Candidates will be required to answer one question from  |               |               |  |
|                          |                               |         |                   |                         |                           | Section I, one question from Section II, and one question from   |               |               |  |
|                          |                               |         |                   |                         |                           | either Section III or Section IV.  |               |               |  |
|                          |                               |         |                   |                         |                           | Each question will carry equal marks.  |               |               |  |
| Biochemistry             | Paper 5                       | Paper 5 |                   | 3 hours (plus           | Closed book               | Students should answer all parts of both sections (A and B).   | Data handling | 16%           | Students are advised to spend 15 minutes reading the     |
|                          |                               |         |                   | 15mins                  | In-person                 | Each section will carry equal marks.   |               | (BBS = 12.8%) | paper before attempting to answer the questions.         |
|                          |                               |         |                   | reading time)           | Inspera                   |  |               |               |  |
|                          |                               |         |                   |                         |                           |  |               |               |  |
| Chemistry                | Chemistry Paper 1             | 1       | NST2PC - Physical | 3 hours + 10            |                           | Section A = 8 x Q answer ALL   | Problem based | 18.75%        | Department of Chemistry Data Book required.              |
| (Including Half-Subject) |                               |         | Sciences          | minutes                 | In-person                 | Section B = 4 x Q answer ALL   |               |               | Molecular Models - students permitted to bring their own |
|                          |                               |         |                   | reading time            | Handwritten               |  |               |               | unassembled molecular model kits.                        |
| Chemistry                | Chemistry Paper 2A            | 2A      | NST2PC - Physical | 3 hours + 10            | Closed book               | Section A = 8 x Q answer ALL   | Problem based | 18.75%        | Department of Chemistry Data Book required.              |
| (Including Half-Subject) |                               |         | Sciences          | minutes                 | In-person                 | Section B = 4 x Q answer ALL   |               |               | Molecular Models - students permitted to bring their own |
|                          |                               |         |                   | reading time            | Handwritten               |  |               |               | unassembled molecular model kits.                        |
| Chemistry                | Chemistry Paper 2B            | 2B      |                   | 3 hours + 10            | Closed book               | Section A = 8 x Q answer ALL   | Problem based | 18.75%        | Department of Chemistry Data Book required.              |
| ,                        | , , ,                         |         |                   | minutes                 | In-person                 | Section B = 4 x Q answer ALL   |               |               | Molecular Models - students permitted to bring their own |
|                          |                               |         |                   | reading time            |                           | 1  |               |               | unassembled molecular model kits.                        |
| Chemistry                | Chemistry Paper 3             | 3       | NST2PC - Physical |                         | Closed book               | Contains two 45-min guestions from each 12 lecture B course  | Problem based | 18.75%        | Department of Chemistry Data Book required.              |
| (Including Half-Subject) | Circuistry raper 5            |         | Sciences          | minutes                 | In-person                 | & one 45-minute from each 6 lecture B course.  | Troblem basea | 10.7570       | Molecular Models - students permitted to bring their own |
| (including rian-Subject) |                               |         | Sciences          | reading time            |                           | Answer FOUR questions without restriction.   |               |               | unassembled molecular model kits.                        |
| Chemistry                | Chemistry Paper 4             | 4       | NST2PC - Physical |                         | Closed book               | Contains two 45-min questions from each 12 lecture C course  | Problem based | 18.75%        | Department of Chemistry Data Book required.              |
|                          | Chemistry Paper 4             | 4       | Sciences          | minutes                 | In-person                 | & one 45-minute from each 6 lecture C course.  | Froblem based | 18.73%        | Molecular Models - students permitted to bring their own |
| (Including Half-Subject) |                               |         | Sciences          |                         |                           |  |               |               | unassembled molecular model kits.                        |
| Earth Sciences           | Geophysics Practical          | C1      | NST2PC - Physical | reading time<br>3 Hours | Closed book               | Answer FOUR questions without restriction.  Variable number of short answer questions with time indicated  | Chart anguer  | 9%            | unassembled molecular model kits.                        |
|                          | Geophysics Practical          | CI      |                   | 3 Hours                 |                           | The state of the s |               | 9%            |  |
| (Including Half-Subject) |                               |         | Sciences          |                         | In-person                 | per question (typically 5-20 minutes per answer). All questions  |               |               |  |
|                          | ,                             |         |                   |                         | Hand-written              | compulsory.  |               |               |  |
| Earth Sciences           | Geophysics Theory             | C1T     | NST2PC - Physical | 2 Hours                 | Closed book               | Two questions (60 minutes each) to be answered from a choice   | Essay style   | 16%           |  |
| (Including Half-Subject) |                               |         | Sciences          |                         | In-person                 | of four  |               |               |  |
|                          |                               |         |                   |                         | Hand-written              |  |               |               |  |
| Earth Sciences           | Ancient Life and Environments | C2      | NST2PC - Physical | 3 Hours                 | Closed book               | Variable number of short answer questions with time indicated  | Short answer  | 9%            |  |
| (Including Half-Subject) | Practical                     |         | Sciences          |                         | In-person                 | per question (typically 5-20 minutes per answer). All questions  |               |               |  |
|                          |                               |         |                   |                         | Hand-written              | compulsory.  |               |               |  |
| Earth Sciences           | Ancient Life and Environments | C2T     | NST2PC - Physical | 2 Hours                 | Closed book               | Two questions (60 minutes each) to be answered from a choice   | Essay style   | 16%           |  |
| (Including Half-Subject) | Theory                        |         | Sciences          |                         | In-person                 | of four  |               |               |  |
|                          |                               |         |                   |                         | Hand-written              |  |               |               |  |
| Earth Sciences           | Petrology Practical           | C3      | NST2PC - Physical | 3 Hours                 | Closed book               | Variable number of short answer questions with time indicated  | Short answer  | 9%            |  |
| (Including Half-Subject) |                               |         | Sciences          |                         | In-person                 | per question (typically 5-20 minutes per answer). All questions  |               |               |  |
| ļ                        |                               |         |                   |                         | Hand-written              | compulsory.  |               |               |  |
| Earth Sciences           | Petrology Theory              | СЗТ     | NST2PC - Physical | 2 Hours                 | Closed book               | Two questions (60 minutes each) to be answered from a choice   | Essay style   | 16%           |  |
| (Including Half-Subject) |                               |         | Sciences          |                         | In-person                 | of four  | · ·           |               |  |
| ,                        |                               |         |                   |                         | Hand-written              |  |               |               |  |
| Earth Sciences           | Climate Practical             | C4      | NST2PC - Physical | 3 Hours                 | Closed book               | Variable number of short answer questions with time indicated  | Short answer  | 9%            |  |
| (Including Half-Subject) |                               | 1       | Sciences          | 3                       | In-person                 | per question (typically 5-20 minutes per answer). All questions  |               |               |  |
| (ciaaiiig riaii-Subject) |                               |         | Soletioes         |                         | Hand-written              | compulsory.  |               |               |  |
| Farth Sciences           | Climate Theory                | C4T     | NST2PC - Physical | 2 Hours                 | Closed book               |  | Eccay style   | 16%           |  |
| Earth Sciences           | Climate Theory                | C41     |                   | 2 Hours                 |                           | Two questions (60 minutes each) to be answered from a choice   | E ESSAY STAIR | 10/0          |  |
| (Including Half-Subject) |                               |         | Sciences          |                         | In-person                 | of four  |               |               |  |
|                          |                               |         |                   |                         | Hand-written              |  |               |               |  |
| Earth Sciences           | Mineralogy Practical          | C5      | NST2PC - Physical | 3 Hours                 | Closed book               | Variable number of short answer questions with time indicated  | Short answer  | 9%            |  |
|                          | Transcratogy Tractical        |         |                   |                         |                           |  |               |               |  |
| (Including Half-Subject) | Transcratogy Fractical        |         | Sciences          |                         | In-person<br>Hand-written | per question (typically 5-20 minutes per answer). All questions compulsory.  |               |               |  |

| Earth Sciences                       | Mineralogy Theory  | C5T     | NST2PC - Physical   | 2 Hours | Closed book                         | Two questions (60 minutes each) to be answered from a choice   | Essay style   | 16% |
|--------------------------------------|--|---------|---|---------|-------------------------------------|--|---|-----|
| (Including Half-Subject)             |  |         | Sciences  |         | In-person<br>Hand-written           | of four  |   |     |
| Genetics                             | Integrated Paper   | IP      |   | 2 Hours | Closed book<br>In-person<br>Inspera | 7 questions, students answer 1.  | Essay style   | 10% |
| Genetics                             | Genomes, Chromosomes & the<br>Cell Cycle                             | P1      | Borrowed by:<br>NST2BBS 3_1   | 3 hours | Closed book<br>In-person<br>Inspera | 7 questions, students answer 3.  | Essay style<br>Problem based<br>Data interpretation | 16% |
| Genetics                             | Early Development &<br>Patterning: Genetics & Cellular<br>Mechanisms | P2      | Shared:<br>NST2ZO - ZM10<br>NST2PDN - P4<br>Borrowed by:<br>NST2BBS 2_4<br>NST2BBS 3_2<br>NST2BBS 11_8              | 3 hours | Closed book<br>In-person<br>Inspera | 7 questions, students answer 3.  | Essay style<br>Problem based<br>Data interpretation | 16% |
| Genetics                             | Human Genetics, Genomics & Systems Biology                           | P3      | Borrowed by:<br>NST2BBS 3_3<br>NST2BBS 83   | 3 hours | Closed book<br>In-person<br>Inspera | 7 questions, students answer 3.  | Essay style Problem based Data interpretation       | 16% |
| Genetics                             | Evolutionary Genetics & Adaptation                                   | P4      | Shared:<br>NST2ZO - ZL5<br>Borrowed by:<br>NST2BBS 3_4<br>NST2BBS 11_17<br>NST2BBS 84<br>NST2BBS 9_10<br>NST2PL ZL5 | 3 hours | Closed book<br>In-person<br>Inspera | 7 questions, students answer 3.  | Essay style<br>Problem based<br>Data interpretation | 16% |
| History and Philosophy<br>of Science | Early Science and Medicine   | Paper 1 | CLT2 O11<br>NST2BBS (major)   | 3 hours | Online via Moodle                   | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. |   | 20% |
| History and Philosophy<br>of Science | Sciences and Empires   | Paper 2 |   | 3 hours | Online via Moodle                   | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. |   | 20% |
| History and Philosophy<br>of Science | Modern Medicine and Life<br>Sciences                                 | Paper 3 | NST2BBS (Major)   | 3 hours | Online via Moodle                   | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. |   | 20% |
| History and Philosophy<br>of Science | Philosophy and Scientific<br>Practice                                | Paper 4 | PBT2 HPS4<br>NST2BBS (Major)  | 3 hours | Online via Moodle                   | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. |   | 20% |
| History and Philosophy<br>of Science | Epistemology and Metaphysics of Science                              | Paper 5 | HPT3 HPS5<br>PHT1 Paper 6   | 3 hours |                                     | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. |   | 20% |
| History and Philosophy<br>of Science | Ethics and Politics of Science,<br>Technology and Medicine           | Paper 6 | HPT3 HPS6<br>BBS (Major)  | 3 hours | Open Book<br>Online via Moodle      | Candidates will be required to answer questions from Sections A and B. Section A will consist of general questions that range over the paper; candidates answer one question from three available. Section B will consist of more specific questions; candidates answer three questions from nine. All questions are weighted equally. | Essay style   | 20% |

| Materials Science   | Paper 1                                 | 1       |                            | 3 Hours  | Open book              | 1 compulsory question provided                                       | Hybrid       | 17.5%  | Data Book provided |
|---------------------|---|---------|----------------------------|----------|------------------------|--|--------------|--------|--------------------|
|                     |   |         |                            |          | In-person              |  |              |        |                    |
| Materials Science   | Paper 2                                 | 2       |                            | 4 Hours  | Hand-written Open book | 9 supertions students answer F                                       | Hybrid       | 17.5%  | Data Book provided |
| iviateriais science | rapei 2                                 | 2       |                            | 4 110013 | In-person              | 8 questions, students answer 5.                                      | пурпи        | 17.5%  | Data Book provided |
|                     |   |         |                            |          | Hand-written           |  |              |        |                    |
| Materials Science   | Paper 3                                 | 3       |                            | 5 Hours  | Open book              | 8 questions, students answer 5.                                      | Hybrid       | 17.5%  | Data Book provided |
|                     | 1 2 2 2                                 |         |                            |          | In-person              | - 4  | .,,          | - 14/1 |                    |
|                     |   |         |                            |          | Hand-written           |  |              |        |                    |
| Materials Science   | Paper 4                                 | 4       |                            | 6 Hours  | Open book              | 8 questions, students answer 5.                                      | Hybrid       | 17.5%  | Data Book provided |
|                     | -                                       |         |                            |          | In-person              |  |              |        | ·                  |
|                     |   |         |                            |          | Hand-written           |  |              |        |                    |
| Pathology           | Pathology Paper 1                       | Paper 1 | NST2BBS7                   | 3 hours  | Closed book            | Each paper has 4 sections. Students answer two questions             | Essay style  | 16%    |                    |
|                     |   |         |                            |          | In-person              | from each of two sections corresponding to their chosen              |              |        |                    |
|                     |   |         |                            |          | Inspera                | Michaelmas Term modules.   |              |        |                    |
| Pathology           | Pathology Paper 2                       | Paper 2 | NST2BBS7                   | 3 hours  | Closed book            | Each paper has 4 sections. Students answer one question from         | Essay style  | 16%    |                    |
|                     |   |         |                            |          | In-person              | each of two sections corresponding to their chosen                   |              |        |                    |
|                     |   |         |                            |          | Inspera                | Michaelmas Term modules.   |              |        |                    |
| Pathology           | Pathology Paper 3                       | Paper 3 | NST2BBS7                   | 3 hours  | Closed book            | Each paper has 4 sections. Students answer two questions             | Essay style  | 16%    |                    |
|                     |   |         |                            |          | In-person              | from each of two sections corresponding to their chosen Lent         |              |        |                    |
|                     |   | _       |                            |          | Inspera                | Term modules.  |              |        |                    |
| Pathology           | Pathology Paper 4                       | Paper 4 | NST2BBS7                   | 3 hours  | Closed book            | Each paper has 4 sections. Students answer one question from         | Essay style  | 16%    |                    |
|                     |   |         |                            |          | In-person              | each of two sections corresponding to their chosen Lent Term         |              |        |                    |
| Dothology           | Drastical/Data Handling names           |         |                            | 3 hours  | Inspera                | modules.   | Chartanaurar | 11%    |                    |
| Pathology           | Practical/Data Handling paper           |         |                            | 3 nours  | Closed book            | The paper has 8 sections. Each candidate will answer four            | Short answer | 11%    |                    |
|                     |   |         |                            |          | In-person<br>Inspera   | questions corresponding to the four Modules chosen by the candidate. |              |        |                    |
| PDN                 | Developmental Neurobiology              | NI1     | NST2BBS 2 9                | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
| PDIN                | Developmental Neurobiology              | INT     | NST2BBS_2_9<br>NST2BBS_138 | 3 Hours  | In-person              | o questions, s answered  | Essay style  | 10%    |                    |
|                     |   |         | 14512005_150               |          | Inspera                |  |              |        |                    |
| PDN                 | Neuroscience: Circuits and              | N3      | NST2BBS 2 18               | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | Systems                                 |         | NST2BBS 11 20              |          | In-person              |  |              |        |                    |
|                     | 7.1                                     |         | NST2BBS 10 10B             |          | Inspera                |  |              |        |                    |
|                     |   |         | NST2BBS_152                |          | ,                      |  |              |        |                    |
|                     |   |         | NST2ZO N3                  |          |                        |  |              |        |                    |
|                     |   |         | NST2PS_N3_B                |          |                        |  |              |        |                    |
| PDN                 | Cellular and Molecular                  | N4      | NST2BBS_2_12               | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | Neuroscience                            |         | NST2BBS_153                |          | In-person              |  |              |        |                    |
|                     |   |         |                            |          | Inspera                |  |              |        |                    |
| PDN                 | Higher Order Brain Function             | N6      | NST2BBS_2_14               | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | and Dysfunction                         |         | NST2BBS_11_22              |          | In-person              |  |              |        |                    |
|                     |   |         | NST2BBS10_11B              |          | Inspera                |  |              |        |                    |
|                     |   |         | NST2BBS_60                 |          |                        |  |              |        |                    |
|                     |   |         | NST2ZO_N6                  |          |                        |  |              |        |                    |
| 2011                |   | 1.10    | NST2PS_N6_B                |          | 0 11 1                 |  |              | 1504   |                    |
| PDN                 | Modulation, Plasticity and              | N9      | NST2BBS_2_17               | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | Behaviour                               |         |                            |          | In-person              |  |              |        |                    |
| PDN                 | Cellular Physiology                     | P1      | NST2BBS 2 1                | 3 Hours  | Inspera<br>Closed book | 6 questions, 3 answered  | Essay style  | 16%    |                    |
| PDIN                | Celiulai Filysiology                    | r1      | NST2BBS_2_1<br>NST2BBS_141 | 3 Hours  | In-person              | o questions, a answered  | Essay Style  | 10%    |                    |
|                     |   |         | 14512005_141               |          | Inspera                |  |              |        |                    |
| PDN                 | Development and Stem Cells              | P2      | NST2BBS 2 2                | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | crispinent und stein cens               | -       | NST2BBS_142                | 5        | In-person              |  |              | 10,0   |                    |
|                     |   |         | 11012000_112               |          | Inspera                |  |              |        |                    |
| PDN                 | Fetal and Placental Physiology          | P3      | NST2BBS_2_3                | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         |                            |          | In-person              | 1 '  | ' '          |        |                    |
|                     |   |         |                            |          | Inspera                |  |              |        |                    |
| PDN                 | Development: Cell                       | P6      | NST2BBS_2_5                | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     | Differentiation and                     |         | NST2BBS_11_15              |          | In-person              |  |              |        |                    |
|                     | Organogenesis                           |         | NST2ZO_ZL6                 |          | Inspera                |  |              |        |                    |
| PDN                 | Pathophysiology of Cancer               | P7      | NST2BBS_2_6                | 3 Hours  | Closed book            | 6 questions, 3 answered  | Essay style  | 16%    |                    |
|                     |   |         |                            |          | In-person              |  |              |        |                    |
|                     |   |         |                            |          | Inspera                |  |              |        |                    |
|                     |   |         |                            |          | Inspera                |  |              |        |                    |

| PDN                                   | Systems and Clinical Physiology | P8    | NST2BBS_2_7                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|---------------------------------------|---------------------------------|-------|-------------------------------|---------------|----------------------|--|--------------|-------------|--|
|                                       |                                 |       | NST2BBS_143                   |               | In-person            |  |              |             |  |
|                                       |                                 |       |                               |               | Inspera              |  |              |             |  |
| PDN                                   | Cell Assembly and Interactions  | P9    | NST2BBS_2_8                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       |                                 |       | NST2BBS_11_16                 |               | In-person            |  |              |             |  |
|                                       |                                 |       | NST2ZO_ZM6                    |               | Inspera              |  |              |             |  |
| Pharmacology                          | Paper 1                         | 1     | NST2BB-8 1                    | 3 Hours       | Closed book          | 1 section, at least 6 questions, students answer 3 questions.      | Essay style  | 17.5%       |  |
|                                       |                                 |       | _                             |               | In-person            |  |              | (BBS = 16%) |  |
|                                       |                                 |       |                               |               | Inspera              |  |              |             |  |
| Pharmacology                          | Paper 2                         | 2     | NST2BB-8 2                    | 3 Hours       | Closed book          | 1 section, at least 6 questions, students answer 3 questions.      | Essay style  | 17.5%       |  |
| , , , , , , , , , , , , , , , , , , , |                                 |       | _                             |               | In-person            |  | ' '          | (BBS = 16%) |  |
|                                       |                                 |       |                               |               | Inspera              |  |              | ,           |  |
| Pharmacology                          | Paper 3                         | 3     | NST2BB-8 3                    | 3 Hours       | Closed book          | 1 section, at least 6 questions, students answer 3 questions.      | Essay style  | 17.5%       |  |
| ,,                                    |                                 |       |                               |               | In-person            |  |              | (BBS = 16%) |  |
|                                       |                                 |       |                               |               | Inspera              |  |              | (=== ===,   |  |
| Pharmacology                          | Paper 4                         | 4     | NST2BB-8 4                    | 3 hours (plus |                      | 2 sections, each section will be split into two parts with further | Short answer | 17.5%       |  |
|                                       | r ape                           |       | 1101255 0_1                   | 15mins        | In-person            | sub-sections. Students must answer both parts.                     | Short unswer | (BBS = 16%) |  |
|                                       |                                 |       |                               | reading time) |                      | Each sections will be worth equal marks.                           |              | (555 1070)  |  |
|                                       |                                 |       |                               | reading time; | mspera               | Lacif Sections will be worth equal marks.                          |              |             |  |
| Physics                               | Thermal and Statistical Physics | 1/TCD | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              | Thermal and Statistical Physics | 1/13/ | Sciences                      | 2 110013      | In-person            | Section B = 2 questions  |              | 1070        | Wathematical Formulae booklet V. 2.5   |
| (including nair-subject)              |                                 |       | Sciences                      |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
| Dharian                               | Dalasi da                       | 2/051 | NCTORC Physical               | 2.11          |                      | ·  |              | 100/        | Mathematical Formulas has black V. 2.5 |
| Physics                               | Relativity                      | 2/REL | NST2PC - Physical<br>Sciences | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              |                                 |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
| Dharing                               | Dharias Adams and Occupations   | 2/400 | NCTORC Physical               | 2.11          | Hand-written         | Students answer all 6 questions                                    |              | 100/        | Mathematical Formulas has black V. 2.5 |
| Physics                               | Physics - Advanced Quantum      | 3/AQP | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              | Physics                         |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 |       |                               |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
|                                       | Optics & Electrodynamics        | 4/OE  | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              |                                 |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 | _ ,   |                               |               | Hand-written         | Students answer all 6 questions                                    |              | 1.20        |  |
| Physics                               | Astro Fluid Dynamics            | 5/AFD | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              |                                 |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 |       |                               |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
|                                       | Particle & Nuclear Physics      | 6/PNP | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              |                                 |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 |       |                               |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
| Physics                               | Quantum Condensed Matter        | 7/QCM | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              | Physics                         |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 |       |                               |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
| Physics                               | Soft Condensed Matter           | 8/SCM | NST2PC - Physical             | 2 Hours       | Closed book          | Section A = 4 questions  |              | 10%         | Mathematical Formulae booklet V. 2.5   |
| (Including Half-Subject)              |                                 |       | Sciences                      |               | In-person            | Section B = 2 questions  |              |             |  |
|                                       |                                 |       |                               |               | Hand-written         | Students answer all 6 questions                                    |              |             |  |
| Plant Sciences                        | Plant signalling networks in    | PLM1  | NST2BBS 9_1                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       | growth and development          |       | NST2BB 144                    |               | In-person            |  |              |             |  |
|                                       |                                 |       |                               |               | Inspera              |  |              |             |  |
| Plant Sciences                        | Microbes: Evolution, genomes    | PLM2  | NST2BBS 9_2                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       | and lifestyle                   |       | NST2BBS 145                   |               | In-person            |  |              |             |  |
|                                       |                                 |       |                               |               | Inspera              |  |              |             |  |
| Plant Sciences                        | Evolution and Ecosystem         | PLM3  | NST2ZO PLM3                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       | Dynamics                        |       | NST2BBS 9_5                   |               | In-person            |  |              |             |  |
|                                       |                                 |       | NST2BBS 11_9                  |               | Inspera              |  |              |             |  |
|                                       |                                 |       | NST2BBS 146                   |               |                      |  |              |             |  |
| Plant Sciences                        | Plant genomes and synthetic     | PLL1  | NST2BBS 9_3                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       | biology                         |       | NST2BBS 147                   |               | In-person            |  | 1            |             |  |
|                                       | ] "                             |       |                               |               | Inspera              |  |              |             |  |
| Plant Sciences                        | Responses to global change      | PLL2  | NST2ZO ZL2                    | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
|                                       |                                 |       | NST2BBS 9_7                   |               | In-person            |  | 1,,          |             |  |
|                                       |                                 |       | NST2BB 11_11                  |               | Inspera              |  |              |             |  |
|                                       |                                 |       | NST2BBS 148                   |               |                      |  |              |             |  |
| Plant Sciences                        | Exploiting Plant Metabolism     | PLL3  | NST2BBS 9 4                   | 3 Hours       | Closed book          | 6 questions, 3 answered  | Essay style  | 16%         |  |
| anc sciences                          | Exploiting Figure Wictabolisill | . 223 | NST2BBS 149                   | 5 110013      | In-person            | o questions, o unawereu  | LISSEY STYLE | 1-0/-       |  |
|                                       |                                 |       |                               |               |                      |  |              |             |  |
|                                       |                                 |       | INS12885 149                  |               | In-person<br>Inspera |  |              |             |  |

| Psychology    | Methods of Inquiry   | N2PS1        |                                   | 3 hours  | Closed book              | 2 sections, students answer 1 question from each section                               | Essay style | 20%  |  |
|---------------|--|--------------|-----------------------------------|----------|--------------------------|--|-------------|------|--|
| rsychology    | iviethous of inquiry                                       | INZF31       |                                   | 3 Hours  | In-person                | 2 Sections, Students answer 1 question from each Section                               | Essay style | 20%  |  |
|               |  |              |                                   |          | Inspera                  |  |             |      |  |
| Psychology    | Cognitive and Experimental                                 | N2PS2        | PSB9                              | 3 hours  | Closed book              | 1 section per lecture topic, each containing 3 questions.                              | Essay style | 20%  |  |
|               | Psychology   |              |                                   |          | In-person                | Students answer a maximum of 1 question from each section.                             |             |      |  |
|               |  |              |                                   |          | Inspera                  |  |             |      |  |
| Psychology    | Behavioural and Cognitive                                  | N2PS3        | PBS10                             | 3 hours  | Closed book              | 1 section per lecture topic, each containing 3 questions.                              | Essay style | 20%  |  |
|               | Neuroscience   |              |                                   |          | In-person                | Students answer a maximum of 1 question from each section.                             |             |      |  |
|               |  |              |                                   |          | Inspera                  |  |             |      |  |
| Psychology    | Memory   | PS2_B        | NST2PDN                           | 3 hours  | Closed book              | 3 sections, each containing 3 questions.   | Essay style | 20%  |  |
|               |  |              | NST2ZO                            |          | In-person                | Students answer 1 question from each section.  |             |      |  |
| Daniela de en | Duniu March animus of Forestional                          | DC2 D        | NCTORDAL                          | 2 h      | Inspera                  | 2  | F           | 20%  |  |
| Psychology    | Brain Mechanisms of Emotional<br>Regulation and Motivation | 1 PS3_B      | NST2PDN<br>NST2ZO                 | 3 hours  | Closed book<br>In-person | 3 sections, each containing 3 questions. Students answer 1 question from each section. | Essay style | 20%  |  |
|               | Regulation and Motivation                                  |              | N31220                            |          | Inspera                  | Students answer 1 question from each section.  |             |      |  |
| Zoology       | Vertebrate Evolution                                       | Paper ZM1    | NST2ES/ZM1                        | 3 hours  | Closed book              | 6 questions, 3 answered  | Essay style | 16%  |  |
| Zoology       | vertebrate Evolution                                       | T upci zivii | Major: NST2BBS/11 1               | 3 110013 | In-person                | o questions, s'answered  | Essay style | 10/0 |  |
|               |  |              | ajo:: 11512555/11_1               |          | Inspera                  |  |             |      |  |
| Zoology       | Conservation Science                                       | Paper ZM2    | Major: NST2BBS/11 2               | 3 hours  | Closed book              | 6 questions, 3 answered  | Essay style | 16%  |  |
| 0,            |  |              | Minor: NST2BBS/101                |          | In-person                |  |             |      |  |
|               |  |              | NST2PL/ZM2                        |          | Inspera                  |  |             |      |  |
|               |  |              | NST2BBS/9_6                       |          |                          |  |             |      |  |
| Zoology       | Evolution and behaviour:                                   | Paper ZM5    |                                   | 3 hours  | Closed book              | 6 questions, 3 answered  | Essay style | 16%  |  |
|               | Genes and individuals                                      |              | NST2PDN/ZM5                       |          | In-person                |  |             |      |  |
|               |  |              | NST2BBS/2_22                      |          | Inspera                  |  |             |      |  |
|               |  |              | NST2PS/ZM5_B                      |          |                          |  |             |      |  |
|               |  |              | NST2BBS/10_15B                    |          |                          |  |             |      |  |
| Zoology       | Evolution and Comparative                                  | Paper ZL1    |                                   | 3 hours  | Closed book              | 6 questions, 3 answered  | Essay style | 16%  |  |
|               | Anatomy of Mammals   |              | Major: NST2BBS/11_10              |          | In-person                |  |             |      |  |
| 71            | Fresh with a good back and a con-                          | D712         | Minor: NST2BBS/105                | 2 h      | Inspera                  | Constitute 2 annual de   | Francisk de | 16%  |  |
| Zoology       | Evolution and behaviour: Populations and societies         | Paper ZL3    | Major: NST2BBS/11_12<br>Plant Sci | 3 nours  | Closed book<br>In-person | 6 questions, 3 answered  | Essay style | 16%  |  |
|               | ropulations and societies                                  |              | NST2PL/ZL3                        |          | Inspera                  |  |             |      |  |
|               |  |              | NST2BBS/9 9                       |          | ilispera                 |  |             |      |  |
|               |  |              | PDN:                              |          |                          |  |             |      |  |
|               |  |              | NST2PDN/ZL3                       |          |                          |  |             |      |  |
|               |  |              | NST2BBS/2_19                      |          |                          |  |             |      |  |
|               |  |              | Psychology:                       |          |                          |  |             |      |  |
|               |  |              | NST2PS/ZL3 B                      |          |                          |  |             |      |  |
|               |  |              | NST2BBS 10_14B                    |          |                          |  |             |      |  |
| Zoology       | Applied ecology  | Paper ZL4    | Major: BBS/11_13                  | 3 hours  | Closed book              | 6 questions, 3 answered  | Essay style | 16%  |  |
|               |  |              | Minor: NSTBBS/154                 |          | In-person                |  |             |      |  |
|               |  |              | NST2PL/ZL4                        |          | Inspera                  |  |             |      |  |
|               |  |              | Plants: NST2BBS/9_8               |          |                          |  |             |      |  |