

Form and Conduct NST Part IA 2023-24

NSTO - all students are permitted the use of an approved calculator for these exams, except for Mathematics

Course title	Exam title	Exam code	Details of borrowing Triposes	Length of exam	Format	How many questions should be answered. Sections also outlined.	Type of questions	The weighting of exam paper	Any other relevant details such as the use of formula sheets or data books.
Biology of Cells	BOC Written Paper	BOC/1		3 Hours	Closed book In-person Inspira	Section A, worth 33% of the paper, contains 15 compulsory short answer questions, each carrying equal marks. Section B, worth 67% of the paper, offers nine essays – three of which must be answered, all questions carry equal marks.	Short answer Essay style	67% of the subject	
Biology of Cells	BOC Written Practical	BOC/WP		3 Hours	Closed book In-person Inspira	The practical paper consists of a single section with nine compulsory questions, all carrying equal marks.		33% of the subject	
Chemistry	Chemistry (Written paper)	CHEM/1		3 Hours	Closed book In-person Hand-written	Contains six questions. Answer all six questions.	Problem based	80% of the subject	
Evolution & Behaviour	Evolution & Behaviour (Written paper)	EAB/1	Psychology and Behavioural Sciences Tripos Part IA Tripos Code: PBTO Exam code: NS1	3 Hours	Closed book In-person Inspira	Five sections (A to E). Two questions per section, students must answer five questions, one question must be attempted from each section.	Short answer Essay style (multi-part question)	75% of the subject	
Earth Sciences	Earth Sciences (Written paper)	EART/1		3 Hours	Closed book In-person Hand-written	Section A: 1 question (but several parts); all should be answered. Section B: typically 8 or 9 questions; 4 should be answered.	Section A: short answer Section B: essay style	60% of the subject	
Earth Sciences	Earth Sciences (Practical examination)	EART/P		3 Hours	Closed book In-person Hand-written	Four sections, numbered 1 through 4. The number of questions within sections has ranged in the past few years, but typically: Section 1: ~15 q's; Section 2: ~2 q's; Section 3: ~3 q's; Section 4: 7-10 q's; all should be answered.	Short answer	40% of the subject	
Mathematics	Mathematics (Written paper 1)	MATH/1	Computer Sciences Tripos Part IA Tripos Code: CST0 Exam code: MATH/1	3 Hours	Closed book In-person Hand-written	Section A: 10 questions, 10 should be answered. Section B: 10 questions, 5 should be answered.	10 short answer (type A) 10 long answer (type B)	46.15% of the subject	We offer two NST IA Mathematics courses, course A and course B. Course B discusses a slightly larger set of topics. Students from both courses take the same exam. However, in section B (long questions), 2 questions are marked by an asterisk pointing out that they use material lectured only in the course B.
Mathematics	Mathematics (Written paper 2)	MATH/2	Computer Sciences Tripos Part IA Tripos Code: CST0 Exam code: MATH/2	3 Hours	Closed book In-person Hand-written	Section A: 10 questions, 10 should be answered. Section B: 10 questions, 5 should be answered.	10 short answer (type A) 10 long answer (type B)	46.15% of the subject	We offer two NST IA Mathematics courses, course A and course B. Course B discusses a slightly larger set of topics. Students from both courses take the same exam. However, in section B (long questions), 2 questions are marked by an asterisk pointing out that they use material lectured only in the course B.
Materials Science	Materials Science (Written paper)	MATS/1		3 Hours	Closed book In-person Hand-written	7 questions, students must answer 5.	Hybrid	85% of the subject	Data book provided
Mathematical Biology	Mathematical Biology (Written paper)	MB/1	Psychology and Behavioural Sciences Tripos Part IA Tripos Code: PBTO Exam code: NS2	3 Hours	Closed book In-person Hand-written (processed through Inspira)	Five sections (A to E) with 2 questions per section. Students must answer 8 questions overall, with at least one question from each section.	Hand-written short answers, including mathematical equations, diagrams, sketches and graphs to be drawn by hand.	80% of the subject	All answers to be hand-written. No external materials allowed; any formula sheet will be attached to the exam paper.
Physiology of Organisms	Physiology of Organisms (Written paper)	PHO/1		3 Hours	Closed book In-person Inspira	Section A, students answer all 10 short answer questions. This is 25% of the subject. Section C, students answer 2 of 6 essay questions. This is 50% of the subject	Short answer Essay style	75% of the subject	
Physiology of Organisms	Physiology of Organisms (Written Practical)	PHO/WP		1 hour 30 mins	Closed book In-person Inspira	Section B: 30 multiple choice questions, students answer all questions.	Multiple choice	25% of the subject	
Physics	Physics (Written paper)	PSIC/1	Mathematics Tripos Part IA Tripos Code: MAT0 Exam code: PSIC/1	3 Hours	Closed book In-person Hand-written	Section A: 5 questions Section B: 5 questions Students answer all 10 questions.	Multiple choice Short answer	75% of the subject	Mathematical Formulae booklet V. 2.5