

Gan Eng Seng School
End of Year Examination 2023
Year 3 Normal Academic

Subject	Format	Topics	Duration
English Language	<p>PAPER ONE [70] - 35% Writing</p> <p>Section A: Editing [10] Candidates identify and edit grammatical errors in a short written text.</p> <p>Section B: Situational Writing [30] Candidates write 180–250 words on a given situation which will involve viewing a visual text.</p> <p>Section C: Continuous Writing [30] Candidates write 250–400 words on one of four topics set.</p>		1 h 50 min
	<p>PAPER TWO [50] - 35% Comprehension</p> <p>Section A [5] Candidates respond to questions based on Text 1, a visual text.</p> <p>Section B [20] Candidates respond to a variety of questions based on Text 2, which is a narrative or a recount.</p> <p>Section C [25] Candidates respond to a variety of questions based on Text 3, a non-narrative text, and write an 80-word response to a summary writing task.</p>		1 h 50 min
	<p>PAPER THREE [30] - 10% Listening</p> <p>Section A [22] Candidates respond to a variety of listening tasks based on a number of audio recordings, which candidates will hear twice.</p>		45 min

	<p>Section B [8] Candidates listen to an audio recording and do a simple note-taking exercise. Candidates will hear the recording only once.</p>		
	<p>PAPER FOUR [30] - 20% Oral Communication The two parts in this paper are thematically linked.</p> <p>Part 1: Planned Response [15] Candidates plan and deliver a response to a video clip and accompanying prompt presented on a computer screen.</p> <p>Part 2: Spoken Interaction [15] Candidates engage in a discussion with the Examiners on a topic based on the same video clip.</p>		20 min (including 10 min of preparation time)
Mathematics	<p>Paper 1: [70 Marks] About 23 short answer questions. Candidates are to answer ALL questions. The questions include 5-6 marks questions assessing the mathematical processes of reasoning, communication, connections, modelling and higher order thinking skills. Such questions will appear in Paper 1 or Paper 2.</p>	<p>Sec 3 topics Chapter 1 Algebraic Manipulation Chapter 2 Quadratic Equations Chapter 3 Graphs of Quadratic Functions Chapter 4 Indices Chapter 5 Congruence and Similarity Chapter 6</p>	2 h

	<p>Paper 2: [70 Marks]</p> <p>Section A – Answer ALL questions Contains 9 – 10 questions of varying length. The last question of 7 to 8 marks in this section focuses specifically on applying mathematics to a real-world scenario.</p> <p>Section B – Answer 1 out of 2 questions Questions in Section B will be based on the content below:</p> <p>Pythagoras' theorem and trigonometry: * use of sine rule and cosine rule for any triangle</p> <p>Each question carries the same number of marks, that is, either 7 or 8 marks.</p>	<p>Coordinate Geometry Chapter 7 Graphs Of Power Functions and Exponential Functions (Until 7.3 Gradients of tangents) Chapter 8 Trigonometric Ratios</p> <p>Include Sec 1 & 2 topics Simple Inequalities Solving simultaneous linear equations Expansion and Factorization of algebraic expressions Map scales Volume and surface area of prisms, pyramids, cones, spheres and composite figures Probability of single events Statistics – Mean, mode and median Primes, Highest Common Factor and Lowest Common Multiple Percentage Ratio, rates (including speed) Include direct and inverse proportion Geometry Number patterns</p>	2 h
--	--	---	------------

Additional Mathematics	<p>[80 Marks] About 10 – 12 questions of varying marks and lengths.</p> <p>Candidates are to answer ALL questions. The last question of 6-8 marks in this paper focusses specifically on applying mathematics to a real-world scenario mathematics to a real-world scenario.</p>	<p>Chapter 1 Quadratic Functions</p> <p>Chapter 2 Equations and Inequalities</p> <p>Chapter 3 Surds</p> <p>Chapter 4 Polynomials and Partial Fractions</p> <p>Chapter 7 Coordinate Geometry</p> <p>Chapter 8 Circles</p> <p>Chapter 10 Trigonometric Functions</p> <p>Chapter 11 Trigonometric Identities and Equations (until 11.5 R-formulae)</p>	2 h
Principles of Accounts	<p>Paper 1: [40 Marks] Candidates are to answer 4 structured questions on the question papers.</p>	<p>1. Introduction to Accounting</p> <p>2. Accounting information system</p> <p>3. Elements of financial stts and the accounting equation</p> <p>4. Double-entry Recording</p> <p>5. Trial balance and financial statements</p> <p>6. Revenue and other income</p> <p>7. Cost of sales and other expenses</p>	1 h
	<p>Paper 2: [60 Marks]</p> <p>Candidates are to answer 4 structured questions.</p> <p>One question is on the preparation of financial statements. (20 marks)</p> <p>A scenario-based question (5 marks) will be part of one of the 3 remaining questions.</p> <p>Answers to be written on writing papers.</p>	<p>8. Cash</p> <p>9. Inventories</p> <p>10. Non-current assets</p> <p>11. Trade payables</p>	2 h

Humanities (Social Studies) (2125/01 OR 2126/01)	<p>Section A (35m) Candidates are to answer all 5 questions.</p> <p>Section B (15m) Candidates are to answer BOTH questions.</p>	<p>Section A: Source-Based Cse Study (SBCS) Skills tested: 1. Inference 2. Purpose 3. Comparison 4. Reliability 5. Utility</p> <p>Section B: Structured-Response Question Issue 1: Exploring Citizenship & Governance Chapters 1 - 4 Issue 2: Living in a Diverse Society Chapters 5&6</p>	1 h 45 min
Humanities (Geography) (2125/02)	<p>Structured Essay Questions: Question 1: Geography in Everyday Life [25m] Question 2: Plate Tectonics [10m]</p>	<p>Topics: 1) Geography in Everyday Life 2) Plate Tectonics</p>	1 h 15 min
Humanities (History) (2126/02)	<p>Section A (Source Based Case Study, 30m) Candidates are to answer all questions. Section B (Structured Essay Questions, 20m) Candidates are to answer TWO OUT OF THREE questions</p>	Unit 2 Chapters 1-5 (excluding 3)	1 h 50 40 min
<p>*Design & Technology (7059)</p> <p>(For D&T OSS)</p>	<p>Paper 1 comprises of 4 questions [80 marks] [Weighing 60% of the total marks for the subject] Candidates are required to answer all four questions</p> <p>Q1 - Design (26 marks) Q2 - Structure (18 marks) Q3 - Mechanism (18 marks) Q4 - Electronics (18 marks)</p> <p>Paper 2 - Coursework based (Design Journal) [Weighing 40% of the total for the subject]</p>	<p>Item testing on Design: - Design Method - Project Management - Research & Analysis - Need Definition - Idea Generation and Development - Design Communication - Ergonomics and Anthropometry</p> <p>Item testing on 3 technological areas: - Structures,</p>	2 h

		<p>- Mechanisms and - Electronics</p> <p>Reference: https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2023syllabus/7059_y23_sy.pdf</p>	
Science (Physics) Normal (Academic) 5105	Paper 1: 20 compulsory multiple choice questions [20 marks] Weighting: 40 %	1. Physical Quantities, Units and Measurement 2. Kinematics 3. Forces & Pressure 4. Dynamics 6. Energy 7. Kinetic Particle Model of Matter 8. Thermal Processes 9. General Wave Properties 11. Electromagnetic Waves	1 h 15 min
	Paper 2: Structured and Free Response (Physics) [30 marks] Weighting: 60 % Section A will carry 22 marks and will contain a number of compulsory structured questions. The last question will carry 8 marks. Section B will carry 8 marks and will contain two structured questions. Candidates must answer only one out of these two.		
Science (Chemistry) Normal (Academic) 5105, 5107	Paper 3: 20 compulsory multiple choice questions [20 marks] Weighting: 40 %	1. Experimental Chemistry (1.1 & 1.2 Measurement and Experimental Techniques & 1.3 & 1.4 Purification and Separation) 2. Kinetic Particle Theory 3. Atomic Structure 4. Chemical Bonding 5. Structure & Properties of Materials (includes 5.1 Elements,	1 h 15 min
	Paper 4: Structured and Free Response (Chemistry) [30 marks] Weighting: 60 % Section A will carry 22 marks and will contain a number of compulsory structured questions. The last question will carry 8 marks. Section B will carry 8 marks and will contain two structured questions. Candidates must answer only one out of these two.		

		Compounds and Mixtures) 6. Chemical Formulae & Equations 7. Acids and Bases 8. The Periodic Table	
Science (Biology) Normal (Academic) 5107	Paper 5: 20 compulsory multiple choice questions [20 marks] Weighting: 40 %	1. Cells 2. Movement of Substances 3. Nutrients 4. Enzymes 5. Nutrition in Humans 6. Transport in Humans 7. Respiration	1 h 15 min
	Paper 6: Structured and Free Response (Biology) [30 marks] Weighting: 60 % Section A will carry 22 marks and will contain a number of compulsory structured questions. The last question will carry 8 marks. Section B will carry 8 marks and will contain two structured questions. Candidates must answer only one out of these two.		
Chinese Language	Paper 1 : 电邮 (20 分) , 作文 (40 分)	Not Applicable	2 h
	Paper 2 : 综合填空 (10 分), 阅读理解一 (20 分), 阅读理解二 (30 分)	单元一至单元六	1 h 30 min
	Paper 3 : 听力 (20 分) / 口试 (60 分)	Not Applicable	30 min / 15 min
Malay Language	Paper 1 : Bahagian A (20 marks): E-mel rasmi / Blog / Forum; Bahagian B (40 marks): Naratif / Ekspositori	Not Applicable	2 h
	Paper 2 : Bahagian A: Bahasa (10 marks); Bahagian B: Bahasa & Kefahaman Objektif (20 marks); Bahagian C: Kefahaman Subjektif (30 marks)	Not Applicable	1 h 30 min
	Paper 3 : Kefahaman Mendengar (20 marks); Lisan - Bacaan & Perbualan (60 marks)	Not Applicable	30 min / 15 min
Tamil Language	Paper 1 : மின்னஞ்சல் (20marks) , கட்டுரை (40marks)	Not Applicable	2 h
	Paper 2 : மரபு (5marks), கருத்துமாறா (10marks), அமைப்பு (5marks), தெரிவு (10marks), சுயவிடை (30marks)	Not Applicable	1 h 30 min
	Paper 3 : கேட்டல் (20marks), வாய்மொழி (60marks)	Not Applicable	30 min / 15 min

	* The total marks will be converted into 100%		