

**Gan Eng Seng School
Preliminary Examination 2024
Year 5 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 250–350 words on a given situation which will involve viewing a visual text.</p> <p>Section C: Continuous Writing [30] Candidates write 350–500 words on one of four topics set.</p>	All units covered in Sec 1 - 5	1 h 50 min
	<p>PAPER TWO [50] - 35% Comprehension</p> <p>Section A [5] Candidates respond to questions based on Texts 1 and 2, one of which is a visual text.</p> <p>Section B [20] Candidates respond to a variety of questions based on Text 3, which is a narrative or a recount.</p> <p>Section C [25] Candidates respond to a variety of questions based on Text 4, 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> <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>		45 min
	<p>PAPER FOUR [30] - 20% Oral Communication The two parts in this paper may be 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 [20] Candidates engage in a discussion with the examiners on a topic based on a visual stimulus.</p>		20 min (including 10 min of preparation time)
Mathematics 4052	<p>Paper 1: [90 Marks][Weighting: 50%] There will be about 26 short answer questions. Candidates are required to answer all questions.</p>	M1 Numbers and their operations	2h 15 min

	<p>Paper 2: [90 Marks][Weighting: 50%] There will be 9 to 10 questions of varying marks and lengths. The last question in this paper will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions</p>	<p>N1 Numbers and their operations N2 Ratio and Proportion N3 Percentage N4 Rate and Speed N5 Algebraic Expressions and Formulae N6 Functions and Graphs N7 Equations and Inequalities N8 Set Language and Notation N9 Matrices G1 Angles, triangles and polygons G2 Congruence and similarity G3 Properties of Circles G4 Pythagoras' theorem and trigonometry G5 Mensuration G6 Coordinate Geometry G7 Vectors in two dimensions S1 Data handling and analysis S2 Probability</p> <p>For more details, please refer to https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2023syllabus/4052_y23_sy.pdf</p>	2 h 15 min
Additional Mathematics 4049	<p>Paper 1: [90 Marks][Weighting: 50%] 12 to 14 questions of various marks and lengths, up to 10 marks per question. Candidates are to answer ALL questions.</p>	<p>A1 Quadratic functions A2 Equations and inequalities A3 Surds A4 Polynomials and partial fractions A5 Binomial Expansions A6 Exponential and logarithmic functions G1 Trigonometric functions, identities and equations G2 Coordinate geometry in two dimensions G3 Proofs in plane geometry C1 Differentiation and integration</p> <p>For more details, please refer to https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/olevel/2023syllabus/4049_y23_sy.pdf</p>	2 h 15 min
	<p>Paper 2: [90 Marks][Weighting: 50%] 9 to 11 questions of various marks and lengths, up to 12 marks per question. Candidates are to answer ALL questions.</p>		2 h 15 min

Principles of Accounts 7087	Paper 1: [40 Marks] 3 to 4 compulsory structured questions. Candidates are to answer ALL questions.		1 h
	Answer 4 compulsory structured questions. • One question requires the preparation of financial statements for a business for one financial year. (20 marks) • A scenario-based question (7 marks) will be part of one of the 3 remaining questions. [Weighting: 60%]	Key Understanding 1: Accounting and non-accounting information is used to support business decision making. Key Understanding 2: Accounting is a language used to represent business activities. Key Understanding 3: Accounting is an information system to measure business activities. For more details, please refer to https://www.seab.gov.sg/docs/default-source/qualifications/2020/2021/2020-2021-Principles-of-Accounts-7087-Exam-Information.pdf	2 h

<p>Humanities (Social Studies) 2272/01 OR 2273/01</p>	<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 6. Evaluation Section B: Structured-Response Question Issue 1: Exploring Citizenship & Governance Chapters 1 - 3 Issue 2: Living in a Diverse Society Chapters 4 - 7 Issue 3: Being Part of a Globalised World Chapters 8 - 11</p>	<p>1 h 45 min</p>
<p>Humanities (Geography) 2272/02</p>	<p>Section A (13m) - Geographical Investigations Candidates are to answer one of 2 questions. Section B (12m) - Structured Essay Questions Candidates are to answer one of 2 questions. Section C (25m) - Structured Essay Questions Candidates are to answer one of 2 questions.</p>	<p>Section A: Geographical Investigations Topics: 1. Global Tourism 2. Variable Weather and Climate Section B: Structured Essay Questions Topics: 1. Global Tourism 2. Variable Weather and Climate Section C: Structured Essay Questions Topics: 1. Living with Tectonic Hazards 2. Geography of Food</p>	<p>1 h 40 min</p>
<p>Humanities (History) 2273/02</p>	<p>Section A (Source Based Case Study, 30m) Candidates are to answer all questions. Section B (Structured Essay Questions, 20m) Candidates are to answer one out of two questions.</p>	<p>Unit 2 Chapters 1-7 (Sec 3 textbook) Unit 3 Chapters 1-24 (Sec 4 textbook)</p>	<p>1 h 40 min</p>

<p>Food & Nutrition</p>	<p>Paper 1 (2 hours) – Written Paper This will test the candidates' knowledge of theory and practice in response to the assessment objectives. Candidates are to answer all questions in Sections A and B. Candidates are to answer three questions in Section C consisting of two compulsory questions and either part (a) or (b) of the final question.</p> <p>Section A: 5 marks (multiple-choice questions) Section B: 55 marks (short-answer-type questions and data-response-type questions) Section C: 30 marks (open-ended questions) Sub-total: 100 marks</p> <p>Paper 2 - Coursework Candidates will be given an assignment which requires a problem-solving and investigative approach, with an emphasis on experimental work. A total of 28 hours of curriculum time must be assigned to discuss, facilitate and carry out the experimental and practical work required. Assessment will focus on the reserach of the task; decision making; development of a plan; recording and interpreting experimental results and a methodical approach in the production and presentation of the final products. The evaluation will require candidates to conduct sensory evaluation of the dishes prepared and the outcomes of the execution process.</p> <p>Research (R) 10 marks Decision making (DM) 8 marks Investigation (INV) - plan (6 marks) - conduct (8 marks) - apply (8 marks) Planning (8 marks) Execution - Organisation and management - Manipulation - Product and presenation Evaluation (8 marks)</p> <p>Sub-total (80 marks)</p>	<ol style="list-style-type: none"> 1) Proteins 2) Carbohydrates 3) Fats 4) Vitamins 5) Minerals 6) Water 7) Dietary Fibre 8) Diet and Health Problems 9) Diet and Meal Planning 10) Meal Analysis 11) Sustainable Food Consumption 12) Convenience Food 13) Food Safety 14) Preparation and Cooking of Food 15) Methods of Cooking 16) Reactions in Food durnig Preparation and Cooking 17) Sensory Evaluation 	<p>2 h</p>
<p>Science (Phy, Chem) 5076</p>	<p>(5076/01) Weighting: 20% [40 marks] 40 compulsory multiple choice questions (Q1 – 20 Physics, Q21 – 40 Chemistry)</p> <p>(5076/02) Weighting: 32.5% [65 marks] Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions.</p>	<p>Same as 5076/02 & 5076/03</p> <ol style="list-style-type: none"> 1. Physical Quantities, Units and Measurement 2. Kinematics 3. Dynamics 4. Mass, Weight and Density 5. Turning Effect of Forces 6. Pressure 7. Energy, Work and Power 8. Kinetic Model of Matter 9. Transfer of Thermal Energy 10. Thermal Properties of Matter 11. General Wave Properties 12. Light 13. Electromagnetic Spectrum 14. Sound 15. Static Electricity 16. Current of Electricity 17. D.C. Circuits 18. Practical Electricity 19. Magnetism and Electromagnetism 	<p>1 h</p> <p>1 h 15 min</p>

	<p>(5076/03) Weighting: 32.5% [65 marks] Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions.</p>	01. Experimental Chemistry 02. Kinetic Particle Theory 03. Atomic Structure 04. Elements, Compounds and Mixtures 05. Chemical Bonding, Structure and Properties of Materials 06. Chemical Formulae and Equations 07. Mole Concept and Stoichiometry 08. Acids and Bases 09. Qualitative Analysis 10. Oxidation and Reduction 11. The Periodic Table 12. Metals and the Reactivity Series 13. Chemical Energetics 14. Rate of Reactions 15. Fuels and Crude Oil 16. Hydrocarbons 17. Alcohols and Carboxylic Acids 18. Polymers 19. Maintaining Air Quality	1 h 15 min
	<p>(5076/05) Weighting: 15% [30 marks] Two compulsory questions on each of the two Sciences.</p>	Same as 5076/02 & 5076/03	1 h 30 min
Science (Chem, Bio) 5078	<p>(5078/01) Weighting: 20% [40 marks]h 40 compulsory multiple choice questions (Q1 – 20 Chemistry, Q21 – 40 Physics)</p>	Same as 5078/03 & 5078/04	1 h
	<p>(5078/03) Weighting: 32.5% [65 marks] Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions.</p>	01. Experimental Chemistry 02. Kinetic Particle Theory 03. Atomic Structure 04. Elements, Compounds and Mixtures 05. Chemical Bonding, Structure and Properties of Materials 06. Chemical Formulae and Equations 07. Mole Concept and Stoichiometry 08. Acids and Bases 09. Qualitative Analysis 10. Oxidation and Reduction 11. The Periodic Table 12. Metals and the Reactivity Series 13. Chemical Energetics 14. Rate of Reactions 15. Fuels and Crude Oil 16. Hydrocarbons 17. Alcohols and Carboxylic Acids 18. Polymers 19. Maintaining Air Quality	1 h 15 min
	<p>(5078/04) Weighting: 32.5% [65 marks] Section A will carry 45 marks and will contain a number of compulsory structured questions of variable mark value. Section B will carry 20 marks and will contain three questions, each of 10 marks. Candidates are required to answer any two questions.</p>	1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans 5. Nutrition in Plants 6. Transport in Flowering Plants 7. Transport in Humans 8. Respiration 9. Co-ordination and Response in Humans 10. Reproduction 11. Molecular Genetics 12. Inheritance 13. Organisms and their Environment	1 h 15 min

	(5078/05) Weighting: 15% [30 marks] Two compulsory questions on each of the two Sciences.	Same as 5078/03 & 5078/04	1 h 30 min
Chinese Language	Paper 1 : 电邮 (20分), 作文 (40分)	Not Applicable	2 h
	Paper 2 : 综合填空 (5分), 词语替换 (10分), 阅读理解一(20分), 阅读理解二(35分)	Not Applicable	1 h 30 min
	Paper 3 : 听力 (20分) / 口试 (50分) : 朗读 10分, 录像会话40分	Not Applicable	30 min / 15 min
Malay Language	Paper 1 : Bahagian A (20 marks): Penulisan Fungsional (Forum/Blog / E-mel Rasmi); Bahagian B (40 marks): Deskriptif / Ekspositori / Naratif	Not Applicable	2 h
	Paper 2 : Bahagian A: Melengkapkan Teks (10 marks), Menggantikan Perkataan (10 marks); Bahagian B: Kefahaman - Betul atau Salah (10 marks), Kefahaman Objektif (10 marks); Bahagian C: Kefahaman Subjektif & Kosa Kata (30 marks)	Not Applicable	1h 30 min
	Paper 3 : Kefahaman Mendengar (20 marks); Lisan: Bacaan Lantang (10 marks), Perbualan (40 marks)	Not Applicable	30 min / 15 min
Tamil Language	Paper 1 : மின்னஞ்சல் (20marks), கட்டுரை (40marks)	Not Applicable	2 h
	Paper 2 : மரபு (10marks), கருத்துமாறா (10marks), அமைப்பு (10marks), தெரிவு (10marks), சுயவிடை (30marks)	Not Applicable	1 h 30 min
	Paper 3 : கேட்டல் (20marks), வாய்மொழி (50marks)	Not Applicable	30 min / 15 min
* The total marks will be converted into 100%			