

Gan Eng Seng School
Mid-Year Examination 2018
Year 5 Normal Academic

Subject	Format	Topics	Duration
English Language (1128)	<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>	<p>Modules covered in Sec One, Sec Two, Sec Three and Sec Four</p> <p>Modules: Health Sports Ethics & Values</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 [24] Candidates respond to a variety of listening tasks based on a number of audio recordings, which candidates will hear twice.</p> <p>Section B [6] 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</p> <p>The two parts in this paper are thematically linked.</p> <p>Part 1: Reading Aloud [10] Candidates read aloud a short text.</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
Mathematics (4048)	<p>Paper 1: [80 Marks][Weighting: 50%] About 25 short answer questions on fundamental skills and concepts. Candidates are to answer ALL questions.</p>	<p>1 NUMBERS AND ALGEBRA</p> <p>1.1 Numbers and the four operations</p> <p>1.2 Ratio, rate and proportion</p> <p>1.3 Percentage</p> <p>1.4 Speed</p> <p>1.5 Algebraic representation and formulae</p> <p>1.6 Algebraic manipulation</p> <p>1.7 Functions and graphs</p> <p>1.8 Solutions of equations and inequalities</p> <p>1.9 Applications of mathematics in practical situations</p> <p>1.10 Set language and notation</p> <p>1.11 Matrices</p> <p>2 GEOMETRY AND MEASUREMENT</p> <p>2.1 Angles, triangles and polygons</p> <p>2.2 Congruence and similarity</p> <p>2.3 Properties of circles</p> <p>2.4 Pythagoras' theorem and trigonometry</p> <p>2.5 Mensuration</p> <p>2.6 Coordinate geometry</p> <p>3 STATISTICS AND PROBABILITY</p> <p>3.1 Data handling</p> <p>3.2 Data analysis</p> <p>3.3 Probability</p>	2h
	<p>Paper 2: [100 Marks][Weighting: 50%] There will be 10 to 11 questions of varying marks and lengths testing more on higher order thinking skills. Candidates are required to answer ALL questions.</p>		2h 30 min
Additional Mathematics (4047)	<p>Paper 1: [80 Marks][Weighting: 44%] 11 to 13 questions of various marks and lengths testing more on the fundamental skills and concepts. Candidates are to answer ALL questions.</p>	<p>ALGEBRA</p> <p>Equations and inequalities</p> <p>Indices and surds</p> <p>Polynomials and partial Fractions</p> <p>Binomial expansions</p> <p>Power, Exponential, Logarithmic, and Modulus functions</p> <p>GEOMETRY AND TRIGONOMETRY</p> <p>Trigonometric functions, identities and equations</p> <p>Coordinate geometry in two dimensions</p> <p>CALCULUS</p> <p>Differentiation and integration (Exclude Chapter 20 Kinematics)</p>	2h
	<p>Paper 2: [100 Marks][Weighting: 56%] 9 to 11 questions of various marks and lengths. The last question of 6-8 marks in this paper focuses specifically on applying mathematics to a real-world scenario. Candidates are to answer ALL questions.</p>		2h 30 min
	<p>Paper 1: [40 Marks] 3 to 4 compulsory structured questions. Candidates are to answer ALL questions.</p>	<p>1. THE ROLES OF ACCOUNTING</p> <p>1.1 Accounting and Book-keeping</p> <p>1.2 Roles of Accounting</p> <p>1.3 Stakeholders</p> <p>1.4 Professional Ethics</p> <p>1.5 Profit-making Entities</p> <p>1.6 Forms of Entities</p> <p>1.7 Accounting Theories</p> <p>2. THE ACCOUNTING INFORMATION SYSTEM</p> <p>2.1 Elements of Financial Statements</p> <p>2.2 Double entry Recording</p> <p>2.3 Accounting Equation</p> <p>2.4 Journal Entry</p> <p>2.5 Ledger Account</p>	1h

Principles of Accounts (7175)	<p>Paper 2: [60 Marks] Section A (48 marks) 3-4 compulsory structured questions. One question will be on the preparation of financial statement, which carries 20 marks. The remaining two questions average 14 marks. Candidates are to answer ALL questions. Section B (12 marks) Candidates are to answer any 1 out of 2 structured questions.</p>	<p>2.6 Accounting System and Accounting Cycle 2.7 Source Documents 2.8 Journals 2.9 Cash Book 2.10 Special Journals 2.11 General Journal 2.12 Petty Cash Book 2.13 General and Subsidiary Ledgers 2.14 Trial Balance 2.15 Bank Reconciliation 3. ELEMENTS OF THE FINANCIAL STATEMENTS 3.1 Sales Revenue, Other Income, Cost of Sales and Expenses 3.2 Balance Day Adjustments 3.3 Trade Receivables 3.4 Inventories 3.5 Trade Payables 3.6 Control Accounts 3.7 Capital and Revenue Expenditure 3.10 Long-term Borrowings 3.11 Correction of Errors 4. THE FINANCIAL STATEMENTS 4.1 Balance Sheet 4.2 Income Statement 5. BUSINESS ENTITIES 5.1 Sole Proprietorship 5.2 Limited Companies</p>	2h
Humanities (Social Studies) (2272 / 2273 / 2204)	<p>Paper 1: 2272/01 2273/01 & 2204/01 (50%) Section A (35m) Candidates are to answer all 5 questions. Section B (15m) Candidates are to answer BOTH part (a) and part (b) of ONE question</p>	<p>Section A: Source-Based Question (SBQ) Skills tested: 1. Inference 2. Comparison 3. Reliability 4. Utility 5. Evaluation Section B: Structured-Essay Questions Themes tested: 1. Deterrence and diplomacy 2. Harmony in Multi-Ethnic Societies 3. Sustaining Economic Development</p>	1 h 45 min
Humanities (Geography) (2272)	<p>Paper 2: 2272/02 (50%) 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>	1 h 40 min
Humanities (History) (2273 / 2204)	<p>Paper 3: 2273/02 & 2204/03 (50%) Section A (30m) Candidates are to answer all questions. Section B (20m) Candidates are to answer one out of two questions.</p>	<p>Section A: Source-based Case Study - Korean War Section B: Structured-essay Questions - Start of the Cold War in Europe - World War 2 in the Asia-Pacific</p>	1 h 40 min
Design & Technology (7051)	<p>Paper 1 comprises of Part A & Part B. [30% of the total marks for the subject] Part A [40% of the total marks of the paper – 40 out of 100 marks] Five questions requiring short answers. Candidates are to answer all questions. Part B [60% of the total marks of the paper – 60 out of 100 marks] Candidates are required to answer all three questions</p>	<p>Part A: Item testing on Design: - Design Method - Project Management - Research - Need Definition - Idea Generation and Development - Realisation Plan - Evaluation - Design & Technology in Society - Design Communication - Ergonomics and Anthropometry Part B: Item testing on 3 technological areas: - Structures, - Mechanisms and - Electronics</p>	2 h
Food & Nutrition (6087)	<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. Section A: consisting of short-answer type questions (25 marks) Section B: consisting of structured type questions (30 marks) Section C: consisting of open-ended type questions (45 marks) 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 15–20 hours of curriculum time must be assigned to discuss, facilitate and carry out the experimental and practical work required. Assessment will focus on the analysis of the task, development of a plan, recording and interpreting experimental results, decision; as well as a methodical approach in the production and presentation of the final products. The evaluation will require candidates to draw conclusions by interpreting the findings and evaluating the outcomes.</p>	<p>1) Nutrients 2) Diet and Health 3) Energy balance 4) Digestion of food 5) Meal Planning and Meal analysis 6) Main Food commodities 7) Food labels 8) The science of food preparation and cooking 9) Reactions in food during preparation and cooking 10) Evaluation of food 11) The science of food processing</p>	2 h
Science (Phy, Chem) (5076)	<p>Paper 1: Weighting 20% 40 compulsory multiple choice questions [40 marks] Paper 2: Weighting 65% Structured and Free Response (Physics) [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>As stated in Paper 2 & Paper 3 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>Paper 3: Weighting 65% Structured and Free Response (Chemistry) [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>1. Experimental Chemistry 2. The Particulate Nature of Matter 3. Formulae, Stoichiometry and the Mole Concept 4. Energy Changes 5. Chemical Reactions 6. Acids, Bases and Salts 7. The Periodic Table 8. Metals 9. Air 10. Organic Chemistry (fuels, alkanes and alkenes) 11. Speed of Reaction 12. Redox Reaction 13. Atomic Structure 14. Chemical Bonding</p>	1 h 15 min
	<p>Paper 5: Weighting 15% Practical Test [30 marks] One or two compulsory questions on each of the two Sciences.</p>	As stated in Paper 2 & Paper 3	1 h 30 min
Science (Chem, Bio) (5078)	<p>Paper 1: Weighting 20% 40 compulsory multiple choice questions [40 marks]</p>	As stated in Paper 3 & Paper 4	1 h
	<p>Paper 3: Weighting 65% Structured and Free Response (Chemistry) [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>1. Experimental Chemistry 2. The Particulate Nature of Matter 3. Formulae, Stoichiometry and the Mole Concept 4. Energy Changes 5. Chemical Reactions 6. Acids, Bases and Salts 7. The Periodic Table 8. Metals 9. Air 10. Organic Chemistry (fuels, alkanes and alkenes) 11. Speed of Reaction 12. Redox Reaction 13. Atomic Structure 14. Chemical Bonding</p>	1 h 15 min
	<p>Paper 4: Weighting 65% Structured and Free Response (Biology) [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>1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Animal Nutrition 5. Plant Nutrition 6. Transport in Flowering Plants 7. Transport in Humans 8. Respiration 9. Co-ordination and Response 10. Reproduction 11. Molecular Genetics 12. Inheritance</p>	1 h 15 min
	<p>Paper 5: Weighting 15% Practical Test [30 marks] One or two compulsory questions on each of the two Sciences.</p>	As stated in Paper 3 & Paper 4	1 h 30 min
Chinese Language* (1160)	Paper 1 : 听 (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 (40分)	Not Applicable	1 h 30 min
	Paper 3 : 听力 (20分) / 口语 (50分) : 听读 10分, 录音会话 40分	Not Applicable	30 min / 15 min
Malay Language* (1148)	Paper 1 : Bahagian A (20marks): E-mel rasmi dan tidak rasmi. Bahagian B (40marks): deskriptif/naratif/ekspositori/Perbincangan(argumentatif)	Not Applicable	2 h
	Paper 2 : Bahagian A (30marks): Imbuan/peribahasa/prosedur klotz. Bahagian B (10marks) : Kef. Objektif. Bah C (30marks): Kef. Sub	Not Applicable	1 h 30 min
	Paper 3: Kefahaman Mendengar (20 markah), Lisan (50 markah)	Not Applicable	30 min / 15 min
Tamil Language* (1157)	Paper 1 : மின்னச்சல் (20marks), கூட்டுரை (40marks)	Not Applicable	2 h
	Paper 2 : மொழி (10marks), சுருக்கப்பாறை (10marks), அமைப்பு (10marks), செறிவு (10marks), சுயவிவரம் (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%