

Gan Eng Seng School
Mid-Year Examination 2018
Year 4 Normal Academic

Subject	Format	Topics	Duration
English Language (1190)	<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>	<p>Modules covered in Sec One, Sec Two and Sec Three</p> <p>Sec Four Modules: Love & Marriage Ageism Science & Technology</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</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 (4045)	<p>Paper 1: [80 Marks][Weighting: 50%] There will be about 25 short answer questions. Candidates are required to answer all questions.</p>	<p>1 NUMBERS AND ALGEBRA</p> <p>1.1 Numbers and the four operations 1.2 Ratio, rate and proportion 1.3 Percentage 1.4 Speed 1.5 Algebraic representation and formulae 1.6 Algebraic manipulation 1.7 Functions and graphs 1.8 Solutions of equations and inequalities 1.9 Applications of mathematics in practical situations</p> <p>2 GEOMETRY AND MEASUREMENT</p> <p>2.1 Angles, triangles and polygons 2.2 Congruence and similarity 2.4 Pythagoras' theorem and trigonometry 2.5 Mensuration 2.6 Coordinate geometry</p> <p>3 STATISTICS AND PROBABILITY</p> <p>3.1 Data handling 3.2 Data analysis 3.3 Probability</p>	2 h
	<p>Paper 2: [60 Marks][Weighting: 50%] There will be 2 sections: • Section A will contain 9 to 10 questions of varying lengths. The last question in this section will focus specifically on applying mathematics to a real-world scenario. Candidates are required to answer all questions. • Section B will contain 2 questions of which candidates will be required to answer only one. • The questions in Section B will be based on the underlined content and there will be one question from the 'Geometry and Measurement' strand and one from the 'Statistics and Probability' strand. • Each question carries the same number of marks, that is, either 7 or 8 marks.</p>		2 h
Additional Mathematics (4044)	<p>Paper 1: [80 Marks]About 10 – 12 questions of varying marks and lengths. Answer ALL questions. The last question of 6-8 marks in this paper focuses specifically on applying mathematics to a real-world scenario.</p>	<p>Chapter 1 Equations and Inequalities Chapter 2 Surds and Indices Chapter 3 Polynomials Chapter 5 Binomial Theorem Chapter 6 Points, Lines and Shapes Chapter 9 Parabolas and Circles Chapter 11 Trigonometric Functions Chapter 12 Simple Trigonometric Identities and Equations Chapter 13 Further Trigonometric Identities Chapter 14 Differentiation Chapter 15 Tangents, Normals and Rates of Change Chapter 16 Maxima and Minima Chapter 18 Integration (Only 18.1 & 18.2)</p>	2 h
Principles of Accounts	<p>Paper 1: [40 Marks] Answer 3 to 4 compulsory structured questions.</p>	<p>Section 1: The Roles of Accounting</p> <p>1.1 Accounting and Book-keeping 1.2 Roles of Accounting 1.3 Stakeholders 1.4 Professional Ethics 1.5 Profit-making Entities 1.6 Accounting Theories</p> <p>Section 2: The Accounting Information System</p> <p>2.1 Elements of Financial Statements 2.2 Double entry Recording 2.3 Accounting Equation 2.4 Journal Entry 2.5 Ledger Account 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</p>	1 h

(7088)	<p>Paper 2: [60 Marks] Section A (48 marks) Answer 3 compulsory structured questions. One question will be on the preparation of financial statements, which carries 24 marks. The remaining two questions average 12 marks. Section B (12 marks) Answer any 1 out of 2 structured questions.</p>	<p>2.12 Petty Cash Book 2.13 General and Subsidiary Ledgers 2.14 Trial Balance 2.15 Bank Reconciliation Section 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 3.8 Non-current Assets 3.9 Long-term Borrowings Section 4: The Financial Statements 4.1 Balance Sheet 4.2 Income Statement Section 5: Business Entities 5.1 Sole proprietorship</p>	2 h
Humanities (Social Studies) (2175 / 2176)	<p>Paper 1: 2175/01 & 2176/01 (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) (2175)	<p>Paper 2: 2175/02 (50%) Section A (13m) - Geographical Investigations Candidates are to answer one of 2 questions. Section B (12m) Candidates are to answer one compulsory question. Section C (25m) 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 Section C: Structured Essay Questions Topics: 1. Living with Tectonic Hazards 2. Variable Weather and Climate</p>	1 h 40 min
Humanities (History) (2176)	<p>Paper: 2176/02 (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 The Korean War Section B: Structured-essay Questions Chapters 6-7 Japan's Rise and Japan's Defeat in World War II Chapter 1 Start of the Cold War</p>	1 h 40 min
Design & Technology (7054)	<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 – 28 out of 70 marks.] Five questions requiring short answers. Candidates are to answer all questions. Part B [60% of the total marks of the paper – 42 out of 70 marks.] Candidates are required to answer two out of 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>	1 h 30 min
Food & Nutrition (6072)	<p>Paper 1 – Written Paper . This will test 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 two questions in Section C consisting of a compulsory question and either part (a) or (b) of the final question. Section A: consisting of short answer type questions (20 marks) Section B: consisting of data-response questions (28 marks) Section C: consisting of open-ended type questions (32 marks) Paper 2 - Coursework Candidates will be given an assignment which require the candidates to apply their knowledge and understanding in relation to the subject content. A total of 10–12 hours must be assigned during curriculum time to facilitate the completion of the assignment. Assessment will focus on the analysis of the given assignment; the ability to select and identify relevant information related to the assignment; the planning and execution of the task and the ability to review the processes pertaining to the execution of the task.</p>	<p>1) Nutrients 2) Diet and Health 3) Energy balance 4) Meal Planning and Meal Analysis 5) Main food commodities 6) Food labels 7) The science of food preparation and cooking 8) Reactions in food during preparation and cooking 9) Evaluation of food</p>	1 h 30 min
Science (Physics) (5105)	<p>Paper 1: Weightage 20 % 20 compulsory multiple choice questions [20 marks] Paper 2: Weightage 30 % Structured and Free Response [30 marks] Section A will carry 14 marks and will contain a small number of compulsory structured questions. Section B will carry 16 marks and will contain three structured questions. Candidates are to answer only two out of these three questions.</p>	<p>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. Electromagnetic Spectrum 13. Sound 14. Current of Electricity 15. D.C. Circuits 16. Practical Electricity</p>	1 h 15 min
Science (Chemistry) (5105 / 5107)	<p>Paper 3: Weightage 20 % 20 compulsory multiple choice questions [20 marks] Paper 4: Weightage 30 % Structured and Free Response [30 marks] Section A will carry 14 marks and will contain a small number of compulsory structured questions. Section B will carry 16 marks and will contain three structured questions. Candidates are to answer only two out of these three questions.</p>	<p>1) Kinetic particle theory 2) Measurement and experimental techniques 3) Separation and purification 4) Elements compounds and mixture 5) Atomic structure 6) Chemical bonding 7) Chemical formula, Mole concept and stoichiometry 8) Acids Bases and Salts 9) Metals 10) The periodic table 11) Atmosphere and environment 12) Organic chemistry (only alkane and alkene)</p>	1 h 15 min
Science (Biology)	<p>Paper 5: Weightage 20 % 20 compulsory multiple choice questions [20 marks]</p>	<p>1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Nutrition in Humans</p>	

(5107)	Paper 6: Weightage 30 % Structured and Free Response [30 marks] Section A will carry 14 marks and will contain a small number of compulsory structured questions. Section B will carry 16 marks and will contain three structured questions. Candidates are to answer only two out of these three questions.	5. Nutrition in Plants 6. Transport in Flowering Plants 7. Transport in Humans 8. Respiration in Humans 9. Reproduction	1 h 15 min
Chinese Language* (1196)	Paper 1 : 电邮 (20分), 作文 (40分) Paper 2 : 综合填空 (10分), 阅读理解一(20分), 阅读理解二 (30分) Paper 3 : 听力 (20分) / 口试 (60分) : 朗读 20分, 录像会话40分	Not Applicable	2 h
Chinese Language Syllabus B* (1153)	Paper 1 : 电邮/看图作文 (20分) Paper 2 : 语文应用 (10分), 阅读理解一 (10分), 阅读理解二 (10分) Paper 3 : 听力 (20分) / 口试 (30分)	Not Applicable	1 h 30 min
Malay Language* (1197)	Paper 1 : Bahagian A (20marks): E-mel rasmi dan tidak rasmi. Bahagian B (40marks): deskriptif/naratif/ekspositori/sambung Paper 2 : Bahagian A (20marks): Imbuan/peribahasa/prosedur kloz. Bahagian B (10marks) : Kef.Objektif. Bahagian C (30marks): Paper 3 : Kefahaman Mendengar (20marks), Lisan (60marks)	Not Applicable	30 min /15min
Tamil Language* (1198)	Paper 1 : மின்னஞ்சல் (20marks) , சுட்டுரை (40marks) Paper 2 : மரபு (5marks), கருத்துமொழி (10marks), அமைப்பு (5marks), தெரிவு (10marks), சுயவினா (30marks) Paper 3 : கேட்டல் (20marks), வாய்மொழி (60marks)	Not Applicable	1 h 30 min
		Not Applicable	30 min /15min

* The total marks will be converted into 100%