



HOUGANG SECONDARY SCHOOL

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SECONDARY THREE G3	
SUBJECT	EXAM FORMAT
ENGLISH LANGUAGE	Paper 1: Writing (1 hour 50 minutes) <u>Section A: Editing (10 marks)</u> Candidates to identify and edit grammatical errors in a short written text. <u>Section B: Situational Writing (30 marks)</u> Candidates write 250–350 words on a given situation, which will involve viewing of a visual text. <u>Section C: Continuous Writing (30 marks)</u> Candidates write 350–500 words on one of four topics set.
	Paper 2: Comprehension (1 hour 50 minutes) <u>Section A: Visual Text Comprehension (5 marks)</u> Candidates respond to questions based on Texts 1 and 2, one of which is a visual text. <u>Section B: Narrative Comprehension (20 marks)</u> Candidates respond to a variety of questions based on Text 3 which is a narrative or a recount. <u>Section C: Non-Narrative Comprehension (25 marks)</u> 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.
	Paper 3: Listening (About 45 minutes) <u>Section A (22 marks)</u> Candidates respond to a variety of listening tasks based on a number of audio recordings, which the candidates will hear twice. <u>Section B (8 marks)</u> Candidates listen to an audio recording and do a note-taking exercise. Candidates will hear the recording only once. This component was conducted in Term 3.
	Paper 4: Oral Communication The two parts in this paper are thematically linked. <u>Part 1: Planned Response (15 marks)</u> Candidates plan and deliver a response of up to 2 minutes to a video clip and accompanying prompt presented on a computer screen. <u>Part 2: Spoken Interaction (15 marks)</u> Candidates engage in a discussion with the Examiners on a topic broadly related to the video clip used in Part 1. This component was conducted in Term 2.

HIGHER CHINESE LANGUAGE	试卷一：这份试卷包括实用文和作文两部分。考生在写作时，可以使用考评局规定的词典。 Paper 1: 80 marks Duration: 2hr ● 第一部分：实用文 (Email Writing (20 marks)) ○ 考生必须从两道试题中任选一题，字数在 220 以上。考生可以根据所提供的材料写一则电邮；也可以针对话题，结合所提供的言论，在网上论坛发表看法。 ● 第二部分：作文 (Composition (60 marks)) ○ 考生必须从三道试题中任选一题，字数在500以上。考查的文体包括记叙文、说明文和议论文（包括演讲词）。 试卷二：语文应用与阅读理解(考查范围：单元一至单元五) Paper 2: 80 marks Duration: 1 hr 45 min 这份试卷考查的项目包括： ● 第一部分：语文应用 短文填充：考生根据短文的内容和上下文的意思，从括号中选出最适当的答案。 ● 病句改正：考生根据短文的内容和上下文的意思，改正有语病（画线部分）的句子。 ● 第二部分：阅读理解一 考生根据篇章的内容，选出最适当的答案或回答问题。 ● 第三部分：阅读理解二 考生根据两个篇章的内容回答问题。 ● 第四部分：片段缩写 考生根据阅读理解二篇章的段落缩写成约80字的短文。 试卷三：口试（已在第二学段完成） Paper 3: 40 Marks Duration: 20 mins 这份试卷包括口头报告和讨论。 在考试前，考生有10分钟的时间观看一个录像短片并为口头报告做准备。考生在限定的时间内，可以多次观看录像短片，也可以记下要点。 ● 第一部分：口头报告 考生必须根据所提供的话题，结合录像短片的内容，呈献一个不超过2分钟的口头报告。 ● 第二部分：讨论 主考员将根据口头报告的内容，跟考生进行讨论。
CHINESE LANGUAGE	试卷一：这份试卷包括实用文和作文两部分。考生在写作时，可以使用考评局规定的词典。 Paper 1: 60 marks Duration: 2hr ● 第一部分：实用文 (Email Writing (20 marks)) ○ 考生必须写一个电子邮件，字数在150 以上。考生可以根据所提供的一个电邮内容写一个私人电邮，或者根据所提供的材料，写一个公务电邮

	● 第二部分：作文 (Composition (40 marks)) ○ 考生可以从三道题目中任选一题，字数在300 以上。考查的文体包括情境记叙文和议论文。 试卷二：语文理解与应用 Paper 2: 70 marks Duration: 1 hr 30 min 这份试卷考查的项目包括： ● 第一部分：A综合填空 (Cloze Passage) ○ 考生根据所提供的短文内容和上下文的意思，选出正确的答案。 ● B词语替换(Word Replacement) ○ 根据短文的内容和上下文的意思，替换画线词语的其中一个字。 ● 第二部分：阅读理解（一） (Comprehension (Multiple Choice Questions)) ○ 考生根据所提供的3至4个短文的内容，选出正确的答案。 ● 第三部分：阅读理解（二） (Comprehension (Open Ended)) ○ 考生根据所提供的2至3个短文的内容回答问题。 试卷三：口试 (已在第二学段完成) Paper 3: 50 Marks Duration: 10 - 15 mins 在考试前，考生会有10分钟的时间默读短文和准备看视频说话。 ● 第一部分：朗读短文 (Reading Aloud – Passage) ○ 考生必须朗读一个短文。 ● 第二部分：会话 (Conversation) ○ 考生针对所提供的视频谈谈自己的感受或看法。 试卷三：听力理解（已在第三学段完成） Paper 3: Listening Comprehension 20 marks Duration: 30 mins 这份试卷包括两部分，共有10道选择题。考生先听录音，然后回答问题。 ● 第一部分 ○ 包括三个极短对话或语段 (3 Conversation Passages) ● 第二部分 ○ 包括三个理解篇章，考查的内容包括：日常会话、广告、说明、故事、新闻报道等。 (3 Comprehension Passages)
MALAY LANGUAGE	Paper 1: Composition (60 marks) Duration:2hr (Paper 1): Bah A: Penulisan Fungsional (20m) - Menulis respons tidak kurang daripada 110 patah perkataan (Pilih satu) ● Respons Blog/Forum Bah B: Penulisan Esei: Karangan Naratif/Deskriptif (40m)- Menulis karangan yang panjangnya tidak kurang daripada 210 patah perkataan (Pilih satu) ● 3 pilihan soalan karangan naratif, deskriptif atau ekspositori

	Paper 2: Language and Comprehension (70 marks) Duration: 1 hr 30mins Bahagian A: Penggunaan Bahasa (20m) • Soalan A1- Melengkapkan teks • Soalan A2 - Mengedit teks Bahagian B: Pemahaman 1(20marks) • Soalan B1 - Pemahaman Analisis Betul/Salah (2) • Soalan B2 - Pemahaman MCQ (2) Bahagian C: Pemahaman 2 (30marks) Pemahaman Subjektif- 1 teks naratif Paper 3 (70 marks) Lisan (50 marks) Duration: 20 mins • Bacaan Lantang (10m) • Perbualan berdasarkan Video (40m) Listening Comprehension (20 marks) Duration: 30 mins • MCQ-10 items
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SUBJECT	EXAM FORMAT	TOPICS TESTED
MATHEMATICS	Paper 1 (90 marks) Duration: 2 hours 15 minutes There will be about 23 to 25 short answer questions. Candidates are required to answer all questions. Paper 2 (90 marks) Duration: 2 hours 15 minutes 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. An approved calculator and mathematical set are required for both Paper 1 and Paper	Chapter 1: Indices Chapter 2: More about Quadratic Equations Chapter 3: Linear Inequalities Chapter 4: Conditions of Congruence and Similarity Chapter 5: Coordinate Geometry Chapter 6 : Functions and Graphs Chapter 7: Trigonometry Chapter 8: Applications of Trigonometry Chapter 9: Arc Lengths and Sector Area Lower Sec Topics 1) Factors and Multiples 2) Approximation and Estimation 3) Simple Equations in One variable 4) Ratio, Rate and Speed 5) Percentage 6) Expansion and Factorisation of Algebraic Expressions 7) Angles, Triangles and Polygons 8) Number sequence 9) Mensuration (Volume and surface area) 10) Pythagoras Theorem

ADDITIONAL MATHEMATICS	One Paper (90 marks) Duration: 2 hours 15 minutes Questions of varying marks and lengths. Candidates are required to answer all questions. An approved calculator is required for the paper.	<u>Chapter 1 to 8, 10, 11.1</u> Chap 1: Quadratic Functions Chap 2: Equations and Inequalities Chap 3: Surds Chap 4: Polynomials and Partial Fractions Chap 5: Exponential and Logarithmic Functions Chap 6: Binomial Theorem Chap 7: Coordinate Geometry Chap 8: Circles Chap 10: Trigonometric Functions Chap 11.1: Simple Trigonometric Identities
PHYSICS	Paper 1 (30 marks) will consist of 30 compulsory multiple choice items Paper 2 <u>Section A (50 marks)</u> will consist of a variable number of compulsory structured questions with the last question being a data-based question (8 - 12 m). The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information. <u>Section B (10 marks)</u> open ended questions - 2 choose 1, each carrying 10 marks Total: 90 marks Duration: 2 h Calculator is allowed for both Paper 1 and 2	Chap 1: Measurement Chap 2: Kinematics Chap 3: Dynamics 1: mass, weight, density Chap 4: Dynamics 2: Forces Chap 5: Turning Effects of Force Chap 6: Pressure Chap 7: Energy Chap 8: Kinetic Particle Model of Matter Chap 9: Thermal Process Chap 10: Thermal Properties of Matter Chap 11: General wave properties 1: Introduction Chap 12: General wave properties 2: Sound Chap 13: EM Waves Practical skill notes
CHEMISTRY	Paper 1 (30 marks) will consist of 30 compulsory multiple choice items Paper 2 <u>Section A (50 marks)</u> will consist of a variable number of compulsory structured questions with the last question being a data-based question (8 - 12 m). The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information.	Chapter 1 Experimental Chemistry Chapter 2 Kinetic Particle Theory Chapter 3 Atomic Structure Chapter 4 Chemical Bonding Chapter 5 Structure & Properties of Materials Chapter 6 Chemical Formulae and Equations Chapter 7 Mole Concept & Stoichiometry Chapter 8 Acids & Bases Chapter 9 Salts Chapter 10 Ammonia

	<u>Section B (10 marks)</u> will consist of one either/or question, 10 m each. A copy of the Periodic Table of Elements will be printed as part of this Paper. Total: 90 marks Duration: 2 h	Chapter 11 Qualitative Analysis Chapter 12 Oxidation and Reduction
BIOLOGY	Paper 1 (30 marks) will consist of 30 compulsory multiple choice items Paper 2 <u>Section A (50 marks)</u> will consist of a variable number of compulsory structured questions with the last question being a data-based question (8 - 12 m). The data-based question requires candidates to interpret, evaluate or solve problems using a stem of information. <u>Section B (10 marks)</u> will consist of one either/or question, 10 m each. Total: 90 marks Duration: 2 h	Chapters 1 - Cell Structure and Organisation Chapter 2 - Movement of Substances Chapter 3 - Biological Molecules Chapter 4 - Enzymes Chapter 5- Nutrition in Humans Chapter 6 - Transport in Humans Chapter 7 - Respiration in Humans Chapter 8 - Excretion in Humans Chapter 9 - Homeostasis and Hormonal Control Chapter 10- The Nervous System and the Eye
SCIENCE (PHYSICS / CHEMISTRY)	<u>Science (Physics)</u> Paper 1 (20 marks) will consist of 20 compulsory multiple choice questions Paper 2 <u>Section A (55 marks)</u> will contain a number of compulsory structured questions of variable mark value, with the last question a 10 marks question. <u>Section B (10 marks)</u> will need to choose one out of two questions, each of 10 marks. Total: 85 marks Duration: 1h 45 min Total: 85 marks Duration: 1h 45 min	<u>Science (Physics)</u> 1. Chap 1 - Physical quantities 2. Chap 2 - Kinematics 3. Chap 3 - Force and pressure 4. Chap 4 - Dynamics 5. Chap 5 - Turning Effects of Forces 6. Chap 6 - Energy 7. Chap 7 - Kinetic Model of Matter 8. Chap 8 - Thermal Processes 9. Chap 9 - General Wave Properties
	<u>Science (Chemistry)</u> Paper 1 (20 marks) will consist of 20 compulsory multiple choice questions Paper 3 <u>Section A (55 marks)</u>	<u>Science (Chemistry)</u> Chap 1: Experimental Chemistry Chap 2: Kinetic Particle Theory Chap 3: Atomic Structure Chap 4: Chemical Bonding Chap 5: Structure and Properties of

	will contain a number of compulsory structured questions of variable mark value, with the last question a 10 marks question. <u>Section B (10 marks)</u> will need to choose one out of two questions, each of 10 marks. Total: 85 marks Duration: 1h 45 min A copy of 'The Periodic Table of the Elements' will be printed as part of this Paper. Total: 85 marks Duration: 1h 45 min	Materials Chap 6: Chemical Formulae and Equations Chap 7: Mole Concept and Stoichiometry (exclude Limiting Reactants) Chap 8: Acids and Bases
SCIENCE (CHEMISTRY / BIOLOGY)	<u>Science (Chemistry)</u> Paper 1 (20 marks) will consist of 20 compulsory multiple choice questions Paper 3 <u>Section A (55 marks)</u> will contain a number of compulsory structured questions of variable mark value, with the last question a 10 marks question. <u>Section B (10 marks)</u> will need to choose one out of two questions, each of 10 marks. Total: 85 marks Duration: 1h 45 min A copy of 'The Periodic Table of the Elements' will be printed as part of this Paper. Total: 85 marks Duration: 1h 45 min	<u>Science (Chemistry)</u> Chap 1: Experimental Chemistry Chap 2: Kinetic Particle Theory Chap 3: Atomic Structure Chap 4: Chemical Bonding Chap 5: Structure and Properties of Materials Chap 6: Chemical Formulae and Equations Chap 7: Mole Concept and Stoichiometry (exclude Limiting Reactants) Chap 8: Acids and Bases
	<u>Science (Biology)</u> Paper 1 (20 marks) will consist of 20 compulsory multiple choice questions Paper 4 <u>Section A (55 marks)</u> will contain a number of compulsory structured questions of variable mark value, with the last question a 10 marks question. <u>Section B (10 marks)</u> will need to choose one out of two questions,	<u>Science (Biology)</u> Chap 1: Cell Structure and Organisation Chap 2: Movement of Substances Chap 3: Biological Molecules Chap 4: Enzymes Chap 5: Nutrition in Humans Chap 6: Transport in Humans Chap 7: Respiration in Humans

	each of 10 marks. Total: 85 marks Duration: 1h 45 min	
HUMANITIES	<u>GEOGRAPHY</u> <u>Section A</u> Geography in Everyday Life Will contain structured questions <u>Section B</u> Plate Tectonics Will contain structured questions and one 9m essay Total marks: 40 m Total duration: 1hr 30 Min	Book 1: Geography in Everyday Life (everything - Topics 1 ,2 & 3) Book 2: Plate tectonics (Topic 1 & 2)
	<u>HISTORY</u> Total marks: 44m Time: 1 hr 30 mins <u>Section A - Source-Based Questions (24m)</u> - Answer all parts of Question 1 (4 sub-questions). <u>Section B - Structured-Essay Questions (20m)</u> - Answer two out of three questions	- Chapter 1: The Paris Peace Conference and the League of Nations in the 1920s. - Chapter 2: Case Study of Nazi Germany - Chapter 3: Case Study of Militarist Japan - Chapter 4: The Outbreak of WWII in Europe - Chapter 5: The Outbreak of WWII in Asia-Pacific (Until the Manchurian Crisis)
	<u>LITERATURE IN MALAY (ELECTIVE)</u> <i>Total Marks: 50 marks</i> <i>Duration: 1 hour 30 minutes</i> Bahagian A (Pilih satu soalan untuk dijawab) Soalan 1 - Soalan berdasarkan Teks Pahlawan Panggung (cerpen) (25 markah) Soalan 2 - Soalan berdasarkan Teks Pahlawan Panggung (sajak) (25 markah) Bahagian B (Pilih satu soalan untuk dijawab) Soalan 3: Sajak yang tidak pernah dilihat (25 markah) Soalan 4: Cerpen yang tidak pernah dilihat (25 markah)	
	<u>SOCIAL STUDIES</u> <u>Section A (28m) Source-based Questions</u> One inference question	<u>Issue 1: Exploring citizenship and governance?</u> Chapter 1: What does citizenship mean to me?

	• One comparison question • One reliability question • One Study all sources question <u>Section B (15m): Structured Response Questions</u> • SRQ (6) - Two Reasons or Two strategies • SRQ (7) - Two Roles / Factors Total: 43m Duration: 1hr 30 min	Chapter 2: What are the functions and roles of government in working for the good of society? Chapter 3: How do we decide what is good for society? Chapter 4: How can we work together for the good of society? <u>Issue 2: Living in a Diverse Society - Is Harmony Achievable?</u> Chapter 5: What are the factors that shape the identities of people and contribute to a diverse society? Chapter 6: What are the experiences and effects of living in a diverse society?
PRINCIPLES OF ACCOUNTS	<u>Paper 1 (40 m) 1 hour</u> Answer all the questions in the question papers. <u>Paper 2 (60 m) 2 hours</u> Answer all questions on the question papers. Total marks: 100m Total duration: 1 + 2 hrs = 3 hrs	Ch 1 - Introduction to Accounting Ch 2 - Accounting Information System Ch 3 - Elements of FS and Accounting equation Ch 4 - Double Entry recording Ch 5 - Trial Balance and financial statements Ch 6 - Other income Ch 7 - Other expenses Ch 8 - Cash Ch 9 - Inventories (including SBQ) Ch 10.1 - Impairment loss on trade receivables

3G3 LITERATURE IN ENGLISH	Paper 1: Prose and Unseen Texts (1 hour 40 minutes) [50%] <i>The Chrysalids</i> • There are two sections in this paper. • Students select one question from Section A and one question from Section B. • In total, candidates will answer two questions. • Each question is 25 marks and is 25% of the total weighting. <u>Section A: Set Text [25%]</u> • Students are given a choice of one passage-based question and two essay questions (total of three questions). • Candidates will answer only one question. <u>Section B: Unseen Poetry [25%]</u> • Students are given two questions - two unseen poems • Candidates will answer one question • Each question has two parts	Paper 2: Drama (1 hour 30 minutes) [50%] <i>Everything but the Brain Act 1</i> • There are three questions in this paper - one passage-based question and two essay questions. • Students will choose to answer one essay question and one compulsory passage-based question. • Each question is 25 marks and is 25% of the total weighting.
NUTRITION AND FOOD SCIENCE	Paper 2 - Coursework [60%] Research - 10 marks Decision Making - 8 marks Investigation - 22 marks Planning - 8 marks Execution - 24 marks Total - 72 marks Paper 1 - Written Paper [40%] This is a 2 hours written paper. The total marks for the paper is 100. Section A (15 marks) Multiple Choice Questions Section B (55 marks) Short answer type questions and data-response questions Section C (30 marks) 2 open-ended questions All questions are compulsory in the Paper 1 Written Paper.	Paper 1 - Written Paper Topics tested: Chapter 1: Proteins Chapter 2: Carbohydrates Chapter 3: Fats Chapter 4: Vitamins Chapter 5: Minerals Chapter 6: Water & Dietary Fibre Chapter 7: Diet and Health Problems Chapter 8: Diet and Meal Planning Chapter 11: Preparation and Cooking of Food Chapter 12: Methods of Cooking Chapter 13: Reactions in Food During Preparation and Cooking
DESIGN &	Written Exam	Topics:

TECHNOLOGY	2hr (Total: 80 marks) 1 case-based design question on the Design content. (26 marks) 3 design application questions relating to structure, mechanisms and electronics from the Technology content. (54 marks) *Sec 3E Students to attempt all the questions Paper 1 (Written) - 40% Answer all the questions in the question papers. Paper 2 (Coursework) - 60% - Design Journal	1) Design Process ● Gantt Chart ● Definition and identifying of Design Opportunities. ● Research on user, article research, critical dimension and anthropometry study, product analysis (using PMI and SWOT), Survey questions. ● Generating Ideas using Shape Borrow, SCAMPER and Random Lines ● Realisation Plan (Production Plan and part drawings) 2) Mechanism 3) Electronics 4) Structure
ART	Visual Response Paper This is a 2-hr 15 mins paper. The total marks for the paper is 50. All questions are compulsory Section A: Visual Analysis (10 marks) • One question will be set, with two sub-parts for visual analysis and discussion. • The question is accompanied by one unseen visual stimulus Section B: Exploratory Sketching (40 marks) • One practical task in response to a visual stimulus. Candidates will provide sketches with annotations, culminating in a sketch that shows their concept for the visual response	
G3 COMPUTING	Paper 1 - Written Paper [60%] This is a 2-hour written paper. The total marks for the paper is 80. Paper 2 [40%] This is a 2.5-hour paper. The practical component that will be held in the computer lab. The paper consists of 4 tasks with a total mark of 70. ● Tasks 1 to 5 - Python Programming ○ Editing given program ○ Debugging (Error identification) ○ Creating a program	Topics tested: ● Chapter 1 - Computer Architecture ● Chapter 2 - Data Representation ● Chapter 3 - Logic Gates ● Chapter 4 - Programming ● Chapter 5 - Input validation ● Chapter 6 - Testing and Debugging ● Chapter 7 - Algorithm Design