

Gan Eng Seng School
End-of-Year Examination 2018
Year 3 Normal Technical

Subject	Format	Topics	Duration
English Language(1195)	PAPER ONE [60] - 30% Section A: Functional Tasks Part 1: Form Filling [10] Candidates fill in a form based on given information. Part 2: Functional Writing [20] Candidates write about 80 words based on the context provided in Part 1. Section B: Guided Writing [30] <u>Candidates write a text of at least 180 words. A stimulus text, which may include visuals, will be provided.</u>	Not Applicable	1 h 15 min
	PAPER TWO [80] - 40% Language Use and Comprehension Section A: Language Use Part 1: Editing [10] Candidates edit grammatical errors in a given text. Part 2: Language in Spoken Context [10] Candidates complete a transcript of a spoken text. Part 3: Modified Cloze I [10] Candidates complete a cloze passage testing vocabulary. Part 4: Modified Cloze II [10] Candidates complete a cloze passage testing grammar. Section B: Reading Comprehension Part 5: Comprehension I [10] Candidates answer questions on an informational text. Part 6: Comprehension II [30] <u>Candidates answer questions on a text with visuals.</u>		1 h 20 min
	PAPER THREE [30] - 10% Listening <u>Candidates complete a variety of listening tasks.</u>		45 min
	PAPER FOUR [40] - 20% Oral Communication		20 min
Mathematics(4046)	Paper 1: [50 Marks] About 11 – 13 short questions carrying 2-4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 long questions carrying 6-8 marks, developed around a context. Candidates are to answer ALL questions. (Questions would cover topics from the strands: Numbers & Algebra, Geometry & Measurement, Real-world Contexts related to Number and Algebra and Geometry and Measurement)	Chapter 1 Indices and Standard Form Chapter 2 Map Scales Chapter 3 Algebraic Expressions, Equations and Formulae Chapter 4 Simultaneous Linear Equations and Quadratic Equations Chapter 5 Functions and Graphs Chapter 6 Practical Applications of Mathematics Sec 1 NT Chapter 4 Ratio Chapter 5 Percentage Chapter 6 Angles Chapter 7 Statistics Chapter 9 Area and Perimeter Chapter 11 Algebra	1 h 30 min
	Paper 2: [50 Marks] About 11 – 13 short questions carrying 2-4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 long questions carrying 6-8 marks, developed around a context. Answer ALL questions. (Questions would cover topics from the strands: Numbers & Algebra, Statistics & Probability, Real-world Contexts related to Number and Algebra and Statistics and Probability)	Chapter 12 Mathematics in Practical Situations (Profit and loss, Hire Purchase, Household Finances, Time and Time Zones) Sec 2 NT Chapter 1 Triangles and Quadrilaterals Chapter 2 Congruency and Similarity Chapter 6 Functions and Graphs Chapter 7 Pythagoras' Theorem Chapter 8 Prisms and Cylinders Chapter 9 Mean, Median, Mode Chapter 10 Probability Chapter 11 Mathematics in Practical Situations II (Money Exchange, Simple and Compound interests, Costs of living, Graphs in Practical Situations I)	1 h 30 min
Science(5148)	Paper 1: 40 compulsory multiple choice questions [40 marks] Weighting: 40%	1) 1.1 Energy and Its Uses 2) 1.2 Energy Transfer through Waves 3) 1.3 Effects of Forces 4) 1.4 Electricity 5) 1.5 Sources of Electricity 6) 2.1 Sources of Food 7) 2.2 Food Chemistry 8) 2.3 Food Health and Safety	1 h
	Paper 2: A variable number of compulsory short-answered or structured questions with a data response question [60 marks] Weighting: 60%		1 h 15 min
Computer Applications (7018)	Paper 1: (Written Paper) [15% of the total marks for the subject] The paper contains two sections. Section A (20 marks) contains 20 multiple-choice questions with 4 choices per question. Section B (30 marks) contains a variable number of short-structured questions of variable mark values.	• Computer Fundamentals (CPF) • Media Elements (MEL) • Multimedia Communication (MMC) • Media Computing (MEC) • Document Processing (DOP) • Spreadsheets (SST)	1 h
	Paper 2: (Lab-based) [10% of the total marks for the subject] The skills are assessed through the use of a word processor to edit and format a given document and mail merge it with a given source data, computer graphics software to create a drawing, and presentation software to create a multimedia slide presentation with given media elements. The allotted time includes time for submitting the required work. Total marks for this paper is 50.	• Media Elements (MEL) • Document Processing (DOP) • Multimedia Communication (MMC)	1 h
	Paper 3: (Lab-based) [10% of the total marks for the subject] This paper will assess skills in carrying out a series of tasks to provide solutions to two problem scenarios. The skills are assessed through the use of spreadsheet and programming software (with sub-task on game development and the two problem scenarios, which will be described in the question paper). Candidates will create a flowchart and save it as a word-processed document. The allotted time includes the time for submitting the required work. Total marks for this paper is 70.	• Spreadsheets (SST) • Media Computing (MEC)	1 h 30 min
	Coursework (Lab-based done during curriculum hours in Term 2) [15% of the total marks for the subject] Game development course project. Total marks for this paper is 50.	• Media Elements (MEL) • Media Computing (MEC) • Document Processing (DOP)	6 h
Elements of Business Skills (7066)	Paper 1: Written Paper [100 Marks] Candidates are to answer ALL questions. There will be 4 to 5 short-response and structured questions (i) with helping words; (ii) requiring short answers, not necessarily in complete sentences. Activity type and pictorial questions may be included.	Chapter 1 Introduction to Business Chapter 2 Businesses in Selected Service Industries 2.1 The travel and Tourism Industry 2.2 The Hospitality Industry 2.3 The Retail Industry Chapter 3 Introduction to Marketing Chapter 4 The Marketing Mix Chapter 5 Communication with the Customer Chapter 6: Customer Service	1 h 30 min

<p>Design & Technology (7053)</p>	<p>PAPER 1: WRITTEN PAPER [50]</p> <p>- Part A: DESIGN [20 mark of the total marks of the Paper 1] Five questions requiring short answers. Candidates are to answer all questions.</p> <p>- Part B: TECHNOLOGIES [30 mark of the total marks of the Paper 1] Candidates are required to answer two out of three questions</p> <p>PAPER 2: COURSEWORK [140]</p> <p>Weighage: PAPER 1 - 30% PAPER 2 - 70%</p>	<p>Part A: Item testing on: Technological: - Basic Electricity and Electronics - Simple Mechanisms</p> <p>Part B: 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</p> <p>Technological: - Basic Electricity and Electronics - Simple Mechanisms</p>	<p>1 h</p>
<p>Basic Chinese Language (1202)</p>	<p>Paper 1: 语文运用 (10分), 阅读理解一 (10分), 阅读理解二 (10分) Paper 2: 口试 (50分) Paper 3: 听力考试 (20分)</p>	<p>Not Applicable Not Applicable Not Applicable</p>	<p>50 min 15 min 30 min</p>
<p>Basic Malay Language (1203)</p>	<p>Paper 1: Bahagian A: (10marks), Bahagian B (20marks) Paper 2: Lisan (50marks) Paper 3: Kefahaman Mendengar (20marks)</p>	<p>Not Applicable Not Applicable Not Applicable</p>	<p>50 min 15 min 30 min</p>
<p>Basic Tamil Language (1204)</p>	<p>Paper 1: முன்னுணர்வு (10marks), வாசிப்பு (10marks), கருத்துப்படை (10marks) Paper 2: வாய்மொழி (50marks) Paper 3: கேட்டல் (20marks)</p>	<p>Not Applicable Not Applicable Not Applicable</p>	<p>50 min 15 min 30 min</p>