

Gan Eng Seng School
Mid-Year Examination 2022
Year 4 Normal Technical

Subject	Format	Topics	Duration
English Language	PAPER ONE [60] - 30%	Not Applicable	1 h 15 min
	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] Candidates write a text of at least 180 words. A stimulus text, which may include visuals, will be provided.		1 h 20 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] Candidates answer questions on a text with visuals.		45 min
	PAPER THREE [30] - 10% Listening Candidates complete a variety of listening tasks. PAPER FOUR [40] - 20% Oral Communication The two parts in this paper are thematically linked. Part 1: Reading Aloud [15] Candidates read aloud a short text. Part 2: Spoken Interaction [25] Candidates engage in a discussion with the Examiners on a topic based on a visual stimulus.		20 min (including 10 min of preparation time)
Mathematics	Paper 1: [50 Marks] There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands • Number and Algebra • Geometry and Measurement • Real-World Contexts related to Number and Algebra and Geometry and Measurement Weighting: 50%	1 NUMBERS AND ALGEBRA 1.1 Numbers and the four operations 1.2 Ratio, rate and proportion 1.3 Percentage 1.4 Algebraic representation and formulae 1.5 Algebraic manipulation 1.6 Functions and graphs 1.7 Solutions of equations	1 h 30 min
	Paper 2: [50 Marks] There will be 11–13 short questions carrying 2–4 marks, largely free from context, testing more on fundamental concepts and skills, followed by 2 longer questions carrying 6–8 marks, developed around a context. Candidates are required to answer all questions which will cover topics from the following strands • Number and Algebra • Statistics and Probability • Real-World Contexts related to Number and Algebra and Statistics and Probability Weighting: 50%	2 GEOMETRY AND MEASUREMENT 2.1 Angles, triangles and quadrilaterals 2.2 Congruence, similarity and transformations 2.3 Symmetry, tessellations and projections 2.4 Mensuration 3 STATISTICS AND PROBABILITY 3.1 Data handling 3.2 Data analysis 3.3 Probability 4 INTEGRATIVE CONTEXTS 4.1 Problems derived from practical real-life situations	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 9) 3.1 Digestion 10) 3.2 Breathing 11) 3.3 Fitness and Cardiac Health 12) 3.4 Staying Healthy	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 Application (7018)	Paper 1: (Written Paper) The paper contains two sections. Section A (20 marks) contains 20 multiple-choice questions with 4 choices per question. Section B (40 marks) contains a variable number of short-structured questions of variable mark values. [This paper carries 30% of the total marks for the subject for SA1. SA1 is 25% weightage for the overall] [Note: 4NT no CA2]	• Computer Fundamentals (CPF) • Media Elements (MEL) • Document Processing (DOP) • Multimedia Communication (MMC) • Media Computing (MEC) • Spreadsheets (SST)	1 h 15 min
	Paper 2: (Lab-based) (70 marks) This paper assesses candidates' skills to use word processing facilities to edit and format a given document, computer graphics software to create a drawing, and presentation software to create a multimedia slide presentation with given media elements. These related tasks are set to cover the concepts and skills learnt in the modules on Media Elements (MEL), Document Processing (DOP), and Multimedia Communication (MMC). The allotted time includes time for saving the softcopy of work for submission. [This paper carries 35% of the total marks for the subject for SA1. SA1 is 25% weightage for the overall] [Note: 4NT no CA2]	• Media Elements (MEL) • Document Processing (DOP) • Multimedia Communication (MMC)	1 h 30 min
	Paper 3: (Lab-based) (70 marks) This paper consists of a series of tasks to assess candidates' knowledge, understanding and application of concepts and skills through 2 problem scenarios to be presented in the question paper. Tasks are set to cover the modules on Spreadsheets (SST) and Media Computing (MEC), and candidates are expected to use the word processor to create a flowchart. The allotted time includes time for printing the hardcopy and saving the softcopy of work for submission. [This paper carries 35% of the total marks for the subject for SA1. SA1 is 25% weightage for the overall] [Note: 4NT no CA2]	• Spreadsheets (SST) • Media Computing (MEC) • Flowchart	1 h 30 min
Design & Technology (7053)	Paper 1 comprises of Part A & Part B. [30% of the total marks for the subject] Part A [40% of the total marks for the paper – 20 out of 50 marks] Five questions requiring short answers. Candidates are to answer ALL questions. Part B [60% of the total marks for the paper – 30 out of 50 marks] Candidates are required to answer two out of three questions	Part A: Item testing on: Technological: • Basic Electricity and Electronics • Simple Mechanisms 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 Technological: • Basic Electricity and Electronics • Simple Mechanisms	1 h
	Paper 2: [100 Marks] Answer ALL questions. [100% of the total marks for the examination] 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
Basic Chinese Language	Paper 1: 语文应用 (10分)、阅读理解 (10分)、阅读理解一 (10分) Paper 2: 写作 (50分) Paper 3: 听力理解 (20分)	Not Applicable	50 min
Basic Malay Language	Paper 1: Bahagian A: (10 marks), Bahagian B (20 marks)	Not Applicable	30 min
	Paper 2: Lisan (50 marks)	Not Applicable	50 min
Basic Tamil Language	Paper 3: Katabhasean Menendharan (20 marks)	Not Applicable	15 min
	Paper 1: 1.புள்ளிப்பெயர்வு (10marks), 2.புள்ளிப்பெயர்வு (10marks), 3.புள்ளிப்பெயர்வு (10marks)	Not Applicable	50 min
	Paper 2: 4.புள்ளிப்பெயர்வு (50marks)	Not Applicable	15 min
	Paper 3: 5.புள்ளிப்பெயர்வு (20marks)	Not Applicable	30 min

* The total marks will be converted into 100%