

Yio Chu Kang Secondary School

2022 Mid-Year Examination



Sec 4NT	Subject: English		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Paper 1: Writing Form Filling Functional Writing Guided Writing	Paper 1 (1 h 15 min) Section A Section B Section C	Total: 60 marks (40%) 10 marks 20 marks 30 marks
	Paper 2: Language Use and Comprehension Language Use Reading Comprehension	Paper 2 (1 h 20 min) Section A Section B	Total: 80 marks (50%)
	Paper 3: Listening	Paper 3 (approximately 45 min)	Total: 20 marks (10%)
	Paper 4: Oral Communication Reading Aloud Spoken Interaction	Paper 4 (approximately 20 min) Part 1 Part 2	Total: 40 marks 15 marks 25 marks (marks will be used for End of Year Exam calculation)

Sec 4NT	Subject: Science		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Module 4 - Ch 01: Energy and its Uses Module 4 - Ch 02: Energy transfer through waves Module 4 - Ch 03: Effects of Forces Module 4 - Ch 04: Electricity Module 4 - Ch 05: Sources of Electricity Module 5 - Ch 06: Sources of Food Module 5 - Ch 07: Food Chemistry Module 5 - Ch 08: Food Health and Safety Module 6 - Ch 09: Digestion Module 6 - Ch 10: Breathing Module 6 - Ch 11: Fitness and Cardiac Health	Paper 1 (1 h) Section A: MCQ Paper 2 (1 h 15 min) Section B: Structured Questions	40 marks (40%) 60 marks (60%)

Sec 4NT	Subject: Smart Electrical Technology		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Paper 1 : Written Chapter 1: ELECTRICAL PRINCIPLES AND CIRCUITS Chapter 1.1: Electrical Safety Chapter 1.2: Electric Circuits Chapter 1.3: Electric Circuit Laws Chapter 1.4: Electric Circuit Connections Chapter 1.5: Power and Energy in an Electrical Circuit Chapter 1.6: Electric Power Sources Chapter 1.7: Electrical Hazards and Protection Chapter 1.8: Electrical Cables Chapter 1.9: Electrical Test Instruments Chapter 1.10: Conventional Lighting Circuits Chapter 1.11: Electrical Supply Systems Chapter 2: HOME AUTOMATION SYSTEMS Chapter 2.1: Home Automation Basics Chapter 2.2: Basic Devices, Topology and Communication Chapter 2.3: Wireless Network and Radio Frequency Chapter 2.4: Installing and Programming Devices Chapter 2.5: Switching and Dimming Chapter 2.6: Timing and Sensing	Paper 1 (1 h) 30 MCQ	Total: 30 marks (30%)
	Paper 2 : Practical Chapter 2: HOME AUTOMATION SYSTEMS	Paper 2 (1 h 30 min) Part A (30 min) Part B (1 h)	Total: 84 marks (70%) Part A: 28 marks Part B: 56 marks

Sec 4NT	Subject: CPA		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Paper 1: Written Computer Fundamentals (CPF) Document Processing (DOP) Media Computing (MEC) Media Elements (MEL) Multimedia Communication (MMC) Spreadsheets (SST)	Paper 1 (1 h 15 min) MCQ - 20 marks Structured - 40 marks	Total: 60 marks (30%)
	Paper 2: Practical Document Processing (DOP) Media Elements (MEL) Multimedia Communication (MMC)	Paper 2 (1 h 30 min) <u>3 related tasks</u>	Total: 70 marks (35%)
	Paper 3: Practical Media Computing (MEC) Spreadsheets (SST)	Paper 2 (1 h 30 min) <u>2 problem scenarios</u>	Total: 70 marks (35%)

Sec 4NT	Subject: EBS		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Paper 1: Written 1. Introduction to Business 2. Businesses in the Travel and Tourism, Hospitality and Retail Industries 3. Introduction to Marketing 4. The Marketing Mix 5. Communication with the Customer 6. Customer Service 7. Business Investigation	Paper 1 (1 h 30 min) Short Structured - 100m	Total: 100m (100%)

Sec 4NT	Subject: MTL		
Basic Chinese Basic Malay Basic Tamil	Topics tested in Mid-year Exam	Format of paper	Marks (Weightage)
	Paper 1 - Language & Comprehension Grammar - Cloze Passage Comprehension - Graphic Stimulus	Paper 1 (50 min) Section A - MCQ Section B - MCQ/OE	Total: 30 m (30%) 10 marks 20 marks
	Paper 2 - Oral Reading Aloud Interactive Conversation (video)	Paper 2 (Approximatly 20 mins) Section A Section B	Total: 50 marks (50%) 20 marks 30 marks
	Paper 3 - Listening Comprehension 10 MCQ questions	Paper 3 (30 minutes) - MCQ	Total: 20 marks (20%)

Sec 4NT	Subject: Mathematics		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Sec 3 Topics Indices and Standard Form Map Scales Algebraic Expressions, Equations and Formuale Simultaneous Linear Equations and Quadratic Equations Functions and Graphs Practical Applications of Mathematics Sec 4 Topics Cumulative Frequency Distribution Mensuration Pythagoras' Theorem and Trigonometry Real-World Contexts related to Number and Algebra and Geometry and Measurement Lower Sec Topics Number and their operations Ratio and Proportion Percentage Rate and Speed Angles, Triangles and Polygons Symmetry, Congruence and Similarity Probability and Statistics	Paper 1 (1 h 30 min) 11 - 13 short questions (2 - 4 marks each) 2 long questions (6 - 8 marks each)	50 marks (50%)
		Paper 2 (1 h 30 mins) 11 - 13 short questions (2 - 4 marks each) 2 long questions (6 - 8 marks each)	50 marks (50%)

Sec 4NT	Subject: Food Studies		
	Topic tested in Mid-Year Exam	Format of Paper	Marks (Weightings)
	Paper 1 (Written) Topics: Chapter 1- A Balanced Diet Chapter 2- Meal Planning Chapter 5- Methods of Cooking Chapter 6- Food Preparation Chapter 8- Fats and Oils Chapter 9- Meat, Seafood and Animal Products Chapter 10- Fruits and Vegetables Chapter 11- Food Safety	Paper 1 (1 h 30 min) Section A: short-answer type questions Section B: data response type questions Section C: structured type questions	80 marks (40%) Section A: 20 marks Section B: 28 marks Section C: 32 marks
	Not Applicable	Paper 2 (Coursework in Semester 1) Assignment	60 marks (60%)