

BMSS SCHEME OF ASSESSMENT (2022 Preliminary Examination) - Secondary 4NA

The Scheme of Assessment for Preliminary Examination provides an overview of the various assessment components for each subject. Any adjustments will be communicated to students directly by subject teachers.

Subject	Paper	Description (Components/Topics)	Duration	Marks	Remarks
English Language	Paper 1 (Writing)	Section A: Editing	1h 50min	10	
		Section B: Situational Writing		30	
		Section C: Continuous Writing		30	
	Paper 2 (Comprehension)	Section A: Visual Text	1 hr 50min	5	
		Section B: Comprehension (Narrative text)		20	
		Section C: Comprehension (Non-narrative text) & Summary		25	
	Paper 3 (Listening)	Listening	45min	30	
English Language (SBB)	Paper 1 (Writing)	Section A: Editing	1h 50min	10	
		Section B: Situational Writing		30	
		Section C: Continuous Writing		30	
	Paper 2 (Comprehension)	Section A: Visual Text	1 hr 50min	5	
		Section B: Comprehension (Narrative text)		20	
		Section C: Comprehension (Non-narrative text) & Summary		25	
	Paper 3 (Listening)	Listening	45min	30	
Sc Phy	Paper 1 Paper 2	Chapter 1: Physical Quantities and Units	1 h 15 min	20 30	
		Chapter 2: Kinematics			
		Chapter 3: Dynamics			
		Chapter 4: Mass, Weight and Density			
		Chapter 5: Turning Effect of Forces			
		Chapter 6: Pressure			
		Chapter 7: Work, Energy and Power			
		Chapter 8: Kinetic Model of Matter			
		Chapter 9: Thermal Transfer of Matter			
		Chapter 10: Thermal Properties of Matter			
		Chapter 11: General Properties of Waves			
		Chapter 12: Electromagnetic Spectrum			
		Chapter 13: Sound			
		Chapter 14: Current Electricity			
		Chapter 15: D.C. Circuits			
		Chapter 16: Practical Electricity			
Mathematics	Paper 1	Number & Algebra, Geometry & Measurement, Statistics & Probability	2 h	80	
	Paper 2	Number & Algebra, Geometry & Measurement, Statistics & Probability	2 h	60	
Mathematics (SBB)	Paper 1	Number & Algebra, Geometry & Measurement, Statistics & Probability	2 h	80	
	Paper 2	Number & Algebra, Geometry & Measurement, Statistics & Probability	2 h 30 min	100	
Add Mathematics (O level)	Paper 1	Algebra, Geometry & Trigonometry, Calculus	2 h 15 min	90	
	Paper 2	Algebra, Geometry & Trigonometry, Calculus	2 h 15 min	90	
Chinese Language	Paper 1 (Writing)	Section A: Email Writing	2 hr	20	
		Section B: Essay Writing		40	
	Paper 2 (Comprehension)	Section A: Cloze Passage	1 hr 30 min	60	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open-ended)			
	Paper 3 (Listening)	Listening Comprehension	45min	20	
Chinese Language (SBB)	Paper 1 (Writing)	Section A: Email Writing	2 hr	60	
		Section B: Essay Writing			
	Paper 2 (Comprehension)	Section A: Cloze Passage	1 hr 30 min	70	
		Section B: Comprehension (Multiple Choice Question)			
		Section C: Comprehension (Open Ended Question)			
Paper 3 (Listening)	Listening Comprehension	45 min	20		
Chinese B	Paper 1 (Writing)	Email or Composition Writing (Choose One only)	50min	20	
	Paper 2 (Comprehension)	Language Applications and Reading Comprehension (MCQ)	1hr	30	
	Paper 3 (Listening)	Listening Comprehension	45min	20	
Malay Language	Paper 1 (Writing)	Section A: Email Writing (Informal/Formal)	2hr	20	
		Section B: Essay Writing (Narrative, Descriptive, Expository)		40	
	Paper 2 (Comprehension)	Section A: Suffix & Prefix, Idioms, Cloze Passage	1hr 30min	60	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open Ended)			
	Paper 3 (Listening)	Listening Comprehension	45min	20	
Malay Language (SBB)	Paper 1 (Writing)	Section A: Email Writing (Informal/Formal)	2hr	20	
		Section B: Essay Writing (Narrative, Descriptive, Expository)		40	
	Paper 2 (Comprehension)	Section A: Suffix & Prefix, Idioms, Cloze Passage	1hr 30min	70	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open Ended)			
	Paper 3 (Listening)	Listening Comprehension	45min	20	

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Tamil Language	Paper 1 (Writing)	Section A: Email Writing (Informal/Formal)	2hr	20	
		Section B: Essay Writing (Narrative, Descriptive, Expository)		40	
	Paper 2 (Comprehension)	Section A: Idioms, Sentence completion and Cloze Passage	1hr 30min	60	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open Ended) & Vocabulary			
	Paper 3 (Listening)	Listening Comprehension	45min	20	
Tamil Language (SBB)	Paper 1 (Writing)	Section A: Email Writing	2hr	20	
		Section B: Essay Writing		40	
	Paper 2 (Comprehension)	Section A: Grammar	1hr 30min	70	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open-Ended)			
	Paper 3 (Listening)	Listening Comprehension	45 min	20	
Sc Chem (SBB)	Paper 1 Paper 2 Paper 5 (Practical)	Chapter 1: Kinetic Particle Theory	1 h*	20	*Combined MCQ with other Science (total 40 marks) **Combined Practical with other Science (total 30 marks)
		Chapter 2: Measurement and Experimental Techniques			
		Chapter 3: Separation and Purification			
		Chapter 4: Elements, Compounds and Mixtures			
		Chapter 5: Atomic Structure			
Sc Chem	Paper 3 Paper 4	Chapter 6: Chemical Bonding			
		Chapter 7: Writing Chemical Equations			
		Chapter 8: The Mole			
		Chapter 9: Chemical Calculations			
		Chapter 10: Acids and Bases			
		Chapter 11: Salts (include both Salts Preparation & Qualitative Analysis)			
		Chapter 12: Oxidation and Reduction			
		Chapter 13: Metals			
		Chapter 14: The Periodic Table			
		Chapter 15: Energy Changes			
		Chapter 16: Speed of Reaction			
		Chapter 17: The Atmosphere and Environment			
		Chapter 18: An Introduction to Organic Chemistry			
		Chapter 19: Alkanes and Alkenes			
		Chapter 20: Alcohols and Carboxylic Acids			
Sc Chem	Paper 3 Paper 4	Chapter 1: Kinetic Particle Theory			
		Chapter 2: Measurement and Experimental Techniques			
		Chapter 3: Separation and Purification			
		Chapter 4: Elements, Compounds and Mixtures			
		Chapter 5: Atomic Structure			
		Chapter 6: Chemical Bonding			
		Chapter 7: Writing Chemical Equations			
		Chapter 8: Chemical Calculations			
		Chapter 9: Acids and Bases			
		Chapter 10: Salts			
		Chapter 11: Metals			
		Chapter 12: The Periodic Table			
		Chapter 13: The Atmosphere and Environment			
		Chapter 14: An Introduction of Organic Chemistry			
		Chapter 15: Alkanes and Alkenes			
Comb Hum (Geography)	Paper 2	Sect A (Geographica Investigation) - 2 Qn choose 1 to do Sect B Global tourism - Compulsory Question Sect C : Weather & Climate and/or Plate tectonics - 2 Qn choose 1 to do	1hr 40min	50	
Comb Hum (History)	Paper 2	Section A (30 marks) 1 compulsory Source-Based Case Study Section B (20 marks) Choose 1 out of 2 Structured-Essay Questions	1hr 40 min	50	
Sc Bio	P5 and P6	Chapter 2: Cells Chapter 3: Movement of Substances Chapter 4: Nutrients Chapter 5: Enzymes Chapter 6: Nutrition in Humans Chapter 7: Nutrition in Plants Chapter 8: Transport in Humans Chapter 9: Transport in Plants Chapter 10: Respiration in Humans Chapter 11: Reproduction in Plants Chapter 12: Reproduction in Humans	1 hr 15 min	50	P5 - 20 mcq (20 marks), P6 (30 marks)

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Sc Bio (SBB)	Paper 1 Paper 4 Paper 5 (Practical)	Cells Movement of Substances Nutrients Enzymes Nutrition in Humans Nutrition in Plants Transport in Humans Transport in Plants Respiration in Humans Excretion in Humans Homeostasis The Nervous System The Human Eye Hormones Reproduction in Plants Reproduction in Humans Heredity Molecular Genetics Ecology Our Impact on the Ecosystem	1 hr* 1hr 15 min 1hr 30 min**	20 65 15	*Combined MCQ with other Science (total 40 marks) **Combined Practical with other Science (total 30 marks)
Comb Hum (Social Studies)	2175/Paper 1 2176/Paper 1	Section A (35 Marks) 5 Source Based Question (Based on all skills learnt) Section B (15 Marks) 2 Free Response Questions (Content based on all 9 chapters) All questions are compulsory	1hr 45 min	50	
POA	Paper 1	4 compulsory structured questions.	1 hr	40	All topics tested
	Paper 2	Answer 4 compulsory structured questions. • One question requires the preparation of financial statements for a business for one financial year. • A scenario-based question (5 marks) will be part of one of the 3 remaining questions.	2 hr	60	All topics tested
D&T	Paper 1	Question 1: Case-based design question (24 marks) Questions 2 & 3: Design application questions on Electronics & Mechanisms respectively (18 marks each)	1 hr 30 min	60	CW - 60% Paper 1 - 40%
NFS	Paper 1	Section A: 16 marks (multiple choice questions) Section B: 40 marks (short-answer-type questions and data-response-type questions) Section C: 24 marks (open-ended questions)	1 hr 30 min	80	CW - 60% Paper 1 - 40%
Art	Paper 2	Drawing and Painting	3 hr	100	CW - 60% Paper 1 - 40%