

BMSS SCHEME OF ASSESSMENT (2022 Preliminary Examination) - Secondary 4E5N

Pure Chemistry	Paper 1	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: Ionic Bonding Chapter 7: Covalent and Metallic Bonding Chapter 8: Writing Chemical Equations Chapter 9: The Mole Chapter 10: Chemical Calculations Chapter 11: Acids and Bases	1hr	40	
	Paper 2	Chapter 12: Salts Chapter 13: Oxidation and Reduction Chapter 14: Metals Chapter 15: Electrolysis Chapter 16: The Periodic Table Chapter 17: Energy Changes Chapter 18: Speed of Reaction Chapter 19: Ammonia Chapter 21: An Introduction to Organic Chemistry Chapter 22: Alkanes and Alkenes Chapter 23: Alcohols and Carboxylic Acids Chapter 24: Macromolecules	1hr 45 min	80	
	Paper 3 (Practical)		1hr 50 min	40	
Pure Biology	Paper 1	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: Excretion in Humans	1 h	40	
	Paper 2	Chapter 12: Homeostasis Chapter 13: The Nervous System Chapter 14: The Human Eye Chapter 15: Hormones Chapter 16: Cell Division Chapter 17: Reproduction in Plants Chapter 18: Reproduction in Humans Chapter 19: Heredity Chapter 20: Molecular Genetics Chapter 21: Ecology Chapter 22: Our Impact on the Ecosystem	1 h 45 min	80	
	Paper 3 (Practical)		1 h 50 min	40	
Pure Physics	Paper 1	Chapter 1: Physical Quantities and Units 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: Temperature Chapter 11: Thermal Properties of Matter Chapter 12: General Properties of Waves Chapter 13: Light Chapter 14: Electromagnetic Spectrum Chapter 15: Sound Chapter 16: Static Electricity Chapter 17: Current Electricity Chapter 18: D.C. Circuits Chapter 19: Practical Electricity Chapter 20: Magnetism Chapter 21: Electromagnetism Chapter 22: Electromagnetic Induction	1 h	40	
	Paper 2		1 h 45 min	80	
	Paper 3 (Practical)		1 h 50 min	40	
Chinese Language	Paper 1 (Writing)	Section A: Email Writing Section B: Essay Writing	2 hr	60	
	Paper 2 (Comprehension)	Section A: Cloze Passage Section B: Comprehension (Multiple Choice Question) Section C: Comprehension (Open Ended Question)	1 hr 30 min	70	
	Paper 3 (Listening)	Listening Comprehension	45min	20	
Chinese B	Paper 1 (Writing)	Email or Composition Writing (Choose One only)	50mins	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) Section B: Essay Writing (Narrative, Descriptive, Expository)	2hr	20 40	
	Paper 2 (Comprehension)	Section A: Suffix & Prefix, Idioms, Cloze Passage Section B: Comprehension (MCQ) Section C: Comprehension (Open Ended)	1hr 30min	70	
	Paper 3 (Listening)	Listening Comprehension	45min	20	

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Tamil Language	Paper 1 (Writing)	Section A: Email Writing	2hr	20	
		Section B: Essay Writing		40	
	Paper 2 (Comprehension)	Section A: Grammar	1 hr 30 min	70	
		Section B: Comprehension (MCQ)			
		Section C: Comprehension (Open-Ended)			
	Paper 3 (Listening)	Listening Comprehension	45min	20	
POA (7087)	Paper 1	4 compulsory structured questions.	1 hr	40	All topics tested
	Paper 2	4 compulsory structured questions. • One question requires the preparation of financial statements for a business for one financial year. (20 marks) • A scenario-based question (7 marks) will be part of one of the 3 remaining questions	2 hr	60	All topics tested
POA (7175)	Paper 1	4 compulsory structured questions.	1 hr	40	All topics tested
	Paper 2	<u>Section A (48 marks)</u> Answer 3 compulsory structured questions. One question will be on the preparation of financial statement, <u>Section B (12 marks)</u> Answer any 1 out of 2 structured questions.	2 hr	60	All topics tested
Comb Hum (Social Studies)	2272/ Paper 1 2273/ 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 11 chapters) All questions are compulsory	1hr 45min	50	
Comb Hum (Geography)	2272	Section A (13 marks) Two questions on Geographical Investigations will be set based • Global Tourism • Variable Weather and Changing Climate Answer one question in this section. Section B (12 marks) Two structured questions will be set: • Global Tourism • Variable Weather and Changing Climate Answer one question from this section. Section C (25 marks) Two structured questions will be set: • Living with Tectonic Hazards • Food Resources Answer one question from this section.	1hr 40mins	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	
D&T	Paper 1	Question 1: Case-based design question (26 marks) Questions 2 to 4: Design application questions on Electronics, Mechanisms & Structures respectively (16 marks each)	2 hr	80	CW - 60% Paper 1 - 40%
NFS	Paper 1	Section A: 15 marks (multiple choice questions) Section B: 55 marks (short-answer-type questions and data-response-type questions) Section C: 30 marks (open-ended questions)	2 hr	100	CW - 60% Paper 1 - 40%
Art	Paper 1	Drawing and Painting	3 hr	100	CW - 60% Paper 1 - 40%