

Sec Three End Of Year Examinations (2024)

NT										
Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
23 Sep (Mon)	1	8:00	9:20	9:35	1195	1	ENGLISH LANGUAGE	NT	WRITTEN	1:20
	2	11:00	12:20	12:35	1195	2	ENGLISH LANGUAGE	NT	WRITTEN	1:20

NA										
Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	
1	8:00	9:50	10:15	1190	1	ENGLISH LANGUAGE	NA	WRITTEN	1:50	
2	11:00	12:50	13:15	1190	2	ENGLISH LANGUAGE	NA	WRITTEN	1:50	

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Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates	
1	8:00	9:50	10:15	1184	1	ENGLISH LANGUAGE	O	WRITTEN	1:50	155	
2	11:00	12:50	13:15	1184	2	ENGLISH LANGUAGE	O	WRITTEN	1:50	155	

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1 Oct (Tues)	1	8:00	8:30	8:30	1202	1	BASIC CHINESE	NT	WRITTEN	0:30
	1	8:00	8:30	8:30	1203	1	BASIC MALAY	NT	WRITTEN	0:30
	1	8:00	8:30	8:30	1204	1	BASIC TAMIL	NT	WRITTEN	0:30
	2	9:30	10:10	10:10	1202	2	BASIC CHINESE	NT	WRITTEN	0:40
	2	9:30	10:10	10:10	1203	2	BASIC MALAY	NT	WRITTEN	0:40
	2	9:30	10:10	10:10	1204	2	BASIC TAMIL	NT	WRITTEN	0:40

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:00	10:00	10:30	1196	1	CHINESE	NA	WRITTEN	2:00
1	8:00	10:00	10:30	1197	1	MALAY	NA	WRITTEN	2:00
1	8:00	10:00	10:30	1198	1	TAMIL	NA	WRITTEN	2:00
2	11:30	13:00	13:25	1196	2	CHINESE	NA	WRITTEN	1:30
2	11:30	13:00	13:25	1197	2	MALAY	NA	WRITTEN	1:30
2	11:30	13:00	13:25	1198	2	TAMIL	NA	WRITTEN	1:30

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:00	10:00	10:30	1160	1	CHINESE	O	WRITTEN	2:00	120
1	8:00	10:00	10:30	1148	1	MALAY	O	WRITTEN	2:00	21
1	8:00	10:00	10:30	1157	1	TAMIL	O	WRITTEN	2:00	15
1	8:00	10:00	10:30	1116	1	HIGHER CHINESE	O	WRITTEN	2:00	31
1	8:00	10:00	10:30	1117	1	HIGHER MALAY	O	WRITTEN	2:00	6
2	11:30	13:00	13:25	1160	2	CHINESE	O	WRITTEN	1:30	120
2	11:30	13:00	13:25	1148	2	MALAY	O	WRITTEN	1:30	21
2	11:30	13:00	13:25	1157	2	TAMIL	O	WRITTEN	1:30	15
2	11:30	13:15	13:40	1116	2	HIGHER CHINESE	O	WRITTEN	1:45	31
2	11:30	13:15	13:40	1117	2	HIGHER MALAY	O	WRITTEN	1:45	6

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
2 Oct (Wed)	1	8:30	10:00	10:25	4046	2	MATHEMATICS	NT	WRITTEN	1:30

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:30	10:00	10:25	4045	2	MATHEMATICS	NA	WRITTEN	1:30
1	11:40	13:25	13:50	2125 2126 2127	1	HUMANITIES (SS)	NA	WRITTEN	1:45

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:30	10:00	10:25	4052	2	MATHEMATICS	O	WRITTEN	1:30	167
1	11:40	13:25	13:50	2260 2261 2262	1	HUMANITIES (SS)	O	WRITTEN	1:45	160

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
3 Oct (Thurs)	1	8:00	9:30	9:55	4046	1	MATHEMATICS	NT	WRITTEN	1:30
	2	11:00	12:30	12:55	A101	2	MOBILE ROBOTICS	NT	PRACTICAL	1:30

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:00	9:30	9:55	4045	1	MATHEMATICS	NA	WRITTEN	1:30
2	11:00	12:10	12:25	2125	2	HUMANITIES (GEOG)	NA	WRITTEN	1:10
2	11:00	12:50	13:15	2126	2	HUMANITIES (HIST)	NA	WRITTEN	1:50
2	11:00	12:40	13:05	2127	2	HUMANITIES (LIT IN ENGLISH)	NA	WRITTEN	1:40

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:00	9:30	9:55	4052	1	MATHEMATICS	O	WRITTEN	1:30	167
2	11:00	12:10	12:25	2260	2	HUMANITIES (GEOG)	O	WRITTEN	1:10	65
2	11:00	12:50	13:15	2261	2	HUMANITIES (HIST)	O	WRITTEN	1:50	71
2	11:00	12:40	13:05	2262	2	HUMANITIES (LIT IN ENGLISH)	O	WRITTEN	1:40	22

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
4 Oct (Fri)	1	8:00	8:50	8:50	5148	2	SCIENCE	NT	WRITTEN	0:50
	2	10:30	11:15	11:15	1195	3	ENGLISH LANGUAGE	NT	LC	0:45

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:00	9:15	9:30	5105 / 5107	3	SCIENCE (CHEM)	NA	WRITTEN	1:15
2	10:30	11:15	11:15	1190	3	ENGLISH LANGUAGE	NA	LC	0:45
3	12:00	14:00	14:30	7086	2	PRINCIPLES OF ACCOUNTS	NA	WRITTEN	2:00

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:00	9:45	10:10	6092	2	CHEMISTRY	O	WRITTEN	1:45	99
1	8:00	9:15	9:30	5088	3	SCIENCE (CHEM)	O	WRITTEN	1:15	34
1	8:00	9:15	9:30	5086	3	SCIENCE (CHEM)	O	WRITTEN	1:15	33
2	10:30	11:15	11:15	1184	3	ENGLISH LANGUAGE	O	LC	0:45	155
3	12:00	14:00	14:30	7087	2	PRINCIPLES OF ACCOUNTS	O	WRITTEN	2:00	37

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
7 Oct (Mon)	1	8:00	9:30	9:55	7018	3	COMPUTER APPLICATIONS	NT	PRACTICAL	1:30
	2	11:00			1202 1203 1204	3	MOTHER TONGUE	NT	ORAL	0:15

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:00	9:45	10:10	4051	-	ADDITIONAL MATHEMATICS	NA	WRITTEN	1:45
2	11:00			1196 1197 1198	3	MOTHER TONGUE	NA	ORAL	0:15

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:00	10:00	10:30	4049	-	ADDITIONAL MATHEMATICS	O	WRITTEN	2:00	150
2	11:30	13:15	13:40	6091	2	PHYSICS	O	WRITTEN	1:45	48

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
8 Oct (Tues)	1	8:00	9:00	9:15	5148	1	SCIENCE	NT	WRITTEN	1:00
	1	8:00	9:15	9:30	5105	2	SCIENCE (PHY)	NA	WRITTEN	1:15
	1	8:00	9:15	9:30	5105	2	SCIENCE (PHY)	NA	WRITTEN	1:15
	1	8:00	9:15	9:30	5107	5	SCIENCE (BIO)	NA	WRITTEN	1:15
	1	8:00	9:15	9:30	5107	6	SCIENCE (BIO)	NA	WRITTEN	1:15
	2	11:00	13:00	13:30	7086	2	PRINCIPLES OF ACCOUNTS	NA	WRITTEN	2:00

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:00	9:45	10:10	6093	2	BIOLOGY	O	WRITTEN	1:45
1	8:00	9:15	9:30	5086	2	SCIENCE (PHY)	O	WRITTEN	1:15
1	8:00	9:15	9:30	5088	4	SCIENCE (BIO)	O	WRITTEN	1:15
2	11:00	12:45	13:10	2279	1	GEOGRAPHY	O	WRITTEN	1:45
2	11:00	13:00	13:30	7087	2	PRINCIPLES OF ACCOUNTS	O	WRITTEN	2:00
2	11:00	13:00	13:30	7155	2	COMPUTING	O	PRACTICAL	2:00

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
1	8:30	9:30	9:45	6092	1	CHEMISTRY	O	WRITTEN	1:00	99
2	11:30	12:30	12:45	7087	1	PRINCIPLES OF ACCOUNTS	O	WRITTEN	1:00	38
2	11:30	13:00	13:25	7155	1	COMPUTING	O	WRITTEN	1:30	19
2	11:30	13:10	13:35	2031	2	LITERATURE IN CHINESE	O	WRITTEN	1:40	5

Date	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
9 Oct (Wed)	1	8:30	10:00	10:25	7066	1	ELEMENTS OF BUSINESS SKILLS	NT	WRITTEN	1:30
	1	8:30	9:30	9:45	A101	1	MOBILE ROBOTICS	NT	WRITTEN	1:00
	2	11:30	13:00	-	7018	2	COMPUTER APPLICATIONS	NT	PRACTICAL	1:30

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration
1	8:30	10:00	10:25	7055	1	DESIGN AND TECHNOLOGY	NA	WRITTEN	1:30
1	8:30	10:00	10:25	6073	1	NUTRITION AND FOOD SCIENCE	NA	WRITTEN	1:30
2	11:30	12:30	12:45	7086	1	PRINCIPLES OF ACCOUNTS	NA	WRITTEN	1:00

Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates
2	11:30	12:30	12:45	7087	1	PRINCIPLES OF ACCOUNTS	O	WRITTEN	1:00	38
2	11:30	13:00	13:25	7155	1	COMPUTING	O	WRITTEN	1:30	19
2	11:30	13:10	13:35	2031	2	LITERATURE IN CHINESE	O	WRITTEN	1:40	5

Date	NT										NA										O												
	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	Shift	Start	End	End (AA)	Paper Code	Paper No	Subject	Course	MOA	Duration	No of Candidates		
10 Oct (Thurs)	1	8:00	8:30	8:30	1202	3	BASIC CHINESE	NT	LC	0:30	1	8:00	8:45	8:45	1196	3	CHINESE	NA	LC	0:45	1	8:00	8:45	8:45	1160	3	CHINESE	O	LC	0:45	120		
	1	8:00	8:30	8:30	1203	3	BASIC MALAY	NT	LC	0:30	1	8:00	8:45	8:45	1197	3	MALAY	NA	LC	0:45	1	8:00	8:45	8:45	1148	3	MALAY	O	LC	0:45	21		
	1	8:00	8:30	8:30	1204	3	BASIC TAMIL	NT	LC	0:30	1	8:00	8:45	8:45	1198	3	TAMIL	NA	LC	0:45	1	8:00	8:45	8:45	1157	3	TAMIL	O	LC	0:45	15		
	2	9:30	10:45	-	7018	1	COMPUTER APPLICATIONS	NT	WRITTEN	1:15	2	9:30	13:00	13:45	6073	2	NUTRITION AND FOOD SCIENCE	NA	PRACTICAL	3:30	2	9:30	10:30	10:45	6093	1	BIOLOGY	O	WRITTEN	1:00	61		
																						2	9:30	10:30	10:45	5086	1	SCIENCE (PHY/CHEM)	O	WRITTEN	1:00	33	
																							2	9:30	10:30	10:45	5088	1	SCIENCE (CHEM/BIO)	O	WRITTEN	1:00	34
																							3	12:00	13:00	13:15	6091	1	PHYSICS	O	WRITTEN	1:00	48

2024 End-of-Year Examinations Topics List

NT	
English Language	<p>Paper 1 Sect A: Editing Sect B: Situational Writing Sect C: Continuous Writing (Personal Recount, Narrative, Descriptive)</p> <p>Paper 2 Full Paper</p> <p>Paper 3 Listening Comprehension</p>
Mathematics	<p>1. Sec 1 Textbook - All Chapters 2. Sec 2 Textbook - All Chapters 3. Sec 3 Textbook - All Chapters</p>
Basic Chinese Language	<p>P1 实用文: 分享贴文 P1 (单元1-5): 语文理解与运用: 语文应用、阅读理解一、阅读理解二 P2: 口试 P3: 听力</p>
Basic Malay Language	<p>Kertas 1 Penulisan Fungsional Respons Bebas dalam Talian</p> <p>Kertas 2 Penggunaan Bahasa dan Pemahaman Bahagian A Melengkapkan Teks Soalan A1 &amp; A2 (MCQ)</p> <p>Bahagian B • Teks Infografik (MCQ)</p> <p>Bahagian C • Teks Bacaan (MCQ)</p> <p>Kertas 3 Lisan • Bacaan Lantang • Interaksi Lisan • Kefahaman Mendengar</p>

NA	
English Language	<p>Paper 1 Sect A: Editing Sect B: Situational Writing Sect C: Continuous Writing (Personal Recount, Narrative, Argumentative, Discursive, Descriptive, Reflective)</p> <p>Paper 2 Full Paper</p> <p>Paper 3 Listening Comprehension</p>
Elementary Mathematics	<p>Sec 1 and 2 Topics tested 1. Numbers (prime numbers, HCL, LCM &amp; etc...) 2. Factors and Multiples 3. Approximation and Estimation 4. Ratio, Rate and Speed 5. Percentage 6. Number patterns 7. Perimeter and Area of Plane Figures 8. Algebraic manipulation 9. Expansion and Factorisation of Algebraic Expressions 10. Quadratic Fractions and Equations 11. Linear Equations in Two variables ( includes basic linear inequalities) 12. Maps &amp; Proportion 13. Mensuration- surface area, volume of a solid 14. Angles and parallel lines 15. Statistics ( including Mean, Median &amp; mode)</p> <p>Sec 3 Topics tested 1. Algebraic Expressions &amp; Formulae 2. Quadratic Equations &amp; graphs 3. Indices &amp; standard form 4. Coordinate Geometry 5. Functions and Graphs 6. Trigonometry 7. Applications of trigonometry 8. Congruence &amp; Similarity 9. Area &amp; volume of Similar Figures &amp; Solids 10. Arc Length &amp; sector Areas (in degree only) 11. Linear Inequalities</p>
Chinese Language	<p>P1: 实用文、作文 P2 (单元1-5) 综合填空、阅读理解一、阅读理解二 【E Exam】 P3: 口试和听力</p>
Malay Language	<p>Kertas 1: Karangan</p> <p>Bahagian A Penulisan Fungsional • Respons terhadap sebuah blog • E-mel Rasmi</p> <p>Bahagian B Penulisan Esei • Naratif • Deskriptif • Ekspositori</p> <p>Kertas 2 Penggunaan Bahasa dan Pemahaman Bahagian A Penggunaan Bahasa • Teks Bacaan 1 &amp; 2 (FIB dengan kata-kata bantuan )</p> <p>Bahagian B Soalan B1 Melengkapkan Dialog (MCQ)</p> <p>Soalan B2 Rangsangan Grafik</p> <p>Bahagian C Teks Bacaan 3 (OE)</p> <p>Kertas 3 • Lisan • Kefahaman Mendengar</p>

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English Language	<p>Paper 1 Sect A: Editing Sect B: Situational Writing Sect C: Continuous Writing (Personal Recount, Narrative, Argumentative, Discursive, Descriptive, Reflective)</p> <p>Paper 2 Full Paper</p> <p>Paper 3 Listening Comprehension</p>
Elementary Mathematics	<p>Sec 1 and 2 Topics 1. Factors and Multiples 2. Approximation and Estimation 3. Polygons and Construction 4. Percentage 5. Number patterns 6. Perimeter and Area of Plane Figures 7. Volume and Surface area of solids 8. Algebraic manipulation 9. Expansion and Factorisation of Algebraic Expressions 10. Quadratic Fractions and Equations 11. Linear Equations in Two variables 12. Map Scale and Proportion</p> <p>Sec 3 Topics tested 1. Indices 2. Quadratic Equations 3. Linear Inequalities 4. Conditions of Congruency and Similarity 5. Coordinate Geometry 6. Functions and Graphs 7. Trigonometry 8. Applications of trigonometry 9. Angle Properties of Circles 10. Arc Length &amp; Sector Area (degree measure only)</p>
Chinese Language	<p>CL: P1: 实用文、作文 P2 (单元1-5) 语文应用 【综合填空+词语替换】、阅读理解一、阅读理解二 P3: 口试和听力</p>
Malay Language	<p>Kertas 1 Penulisan Fungsional dan Esei</p> <p>Bahagian A Penulisan Fungsional • Respons terhadap sebuah blog/forum • E-mel Formal</p> <p>Bahagian B Penulisan Esei • Deskriptif • Ekspositori • Naratif</p> <p>Kertas 2 Penggunaan Bahasa dan Pemahaman</p> <p>Bahagian A Penggunaan Bahasa • Tatabahasa • Respons Bebas</p> <p>Bahagian B Soalan B1 Menginterpretasi teks</p> <p>Soalan B2 Rangsangan Grafik</p> <p>Bahagian C Teks Bacaan 3 (OE)</p> <p>Kertas 3 • Lisan • Kefahaman Mendengar</p>

NT	
Basic Tamil Language	<p>BTL:</p> <p>Paper 1 நடைமுறை சார்ந்த எழுத்துப்படைப்பு</p> <p>Paper 2 (மொழி மரபும் பண்பாடும் மற்றும் கருத்தறிதல்) A1 மொழிப்பயன்பாடு (MCQ) A2 மொழிப்பயன்பாடு (MCQ) B3 மரபுத்தொடர்களும் இணைமொழிகளும்(MCQ) C4 கருத்து விளக்கப்படக் கருத்தறிதல்(MCQ) D5 வாசிப்புக் கருத்தறிதல்(MCQ)</p> <p>Paper 3 வாய்மொழி (Oral) கேட்டல் கருத்தறிதல் (LC)</p>
Science	<p>Chapter 1: Energy Chapter 2: Electricity Chapter 3: Waves Chapter 4: Effects of Force Chapter 6: Food Chemistry Chapter 7: Food Safety Chapter 8: Staying Healthy (until including Calculating BMI)</p>
Elements of Business Skills	<p>1. Introduction to Business Activities 2. Businesses in the Three Industries 3. Introduction to Marketing 4. The Marketing Mix 5. Communicating with the Customer 6. Customer Service</p>
Computer Applications	<p>Theory Paper 1 (30%) Practical Paper 2 (35%) - Inkscape, Word, Powerpoint Practical Paper 3 (35%) - Openshot, Excel, Scratch Topics 1. Computer Fundamentals (CPF) 2. Media Elements (MEL) 3. Document Processing (DOP) 4. Animation and Game Making (AGM) 5. Spreadsheet (SST) 6. Interactive Multimedia Communications ((IMC)</p>
Mobile Robotics	<p>Paper 1 Theory (30%): Chapter 1 Mobile Robots Chapter 2 Basic Electricity Chapter 3 Basic Electronics Chapter 4 Digital Electronics Chapter 5 Design</p> <p>Paper 2 Practical (70%): Connect a Control Circuit</p>

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Tamil Language	<p>TL Paper 1 கட்டுரை 'அ' பிரிவு மின்னஞ்சல் எழுத்துதல் (உறவுமுறை மின்னஞ்சல், அலுவல் சார்ந்த மின்னஞ்சல்) 'ஆ' பிரிவு கட்டுரை வகைகள்: நிகழ்வு, விளக்கம், கதை Paper 2 மொழிமரபும் பயன்பாடும் மற்றும் கருத்தறிதலும் 'அ' பிரிவு A1 மரபுத்தொடர்களும் இணைமொழிகளும் A2 முன்னுணர்வுக் கருத்தறிதல் 'ஆ' பிரிவு B3 தெரிவுவிடைக் கருத்தறிதல் B4 பிழை திருத்தம் 'இ' பிரிவு C5 சுயவிடைக் கருத்தறிதல் Paper 3 வாய்மொழி வாய்விட்டு வாசித்தல், உரையாடல் கேட்டல் கருத்தறிதல்</p>
Science Chemistry	<p>1. Experimental Chemistry 2. Kinetic Particle Theory 3. Atomic Structure 4. Chemical Bonding 5. Structure and Properties of Materials 6. Chemical Formulae and Equations 7. The Mole Concept and Stoichiometry 8. Properties of Acids and Bases</p>
Science Physics	<p>1. Physical Quantities, Units and Measurement 2. Kinematics 3. Forces and Pressure 4. Dynamics 5. Energy 6. Kinetic Particle Model of Matter 7. Thermal Processes 8. General Wave Properties I: Introduction 9. Electromagnetic Waves</p>
Science Biology	<p>1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Enzymes 5. Animal Nutrition 6. Transport in Humans 7. Respiration in Humans</p>
Elective Geography	<p>Total: 35 m [1 hr 15 min]</p> <p>Section A - Geography of Everyday life + GI [25m] Topic 1: Thinking geographically Topic 2: Sustainable Development Topic 3 : Geographical Investigation (All pages of Textbook of Geography in Everyday Life are covered)</p> <p>Section B - Climate Cluster- [10m] Topic 1: Weather and Climate (Pg 1 - Pg 12 of textbook of Climate)</p>
Elective History	<p>Section A (30 Marks) Source-Based Case Study: Answer all 5 questions</p> <p>1. Inference 2. Purpose 3. Comparison 4. Reliability 5. Reaching Judgement</p> <p>Section B (20 Marks) Structured Essay Question Skills Answer two out three questions Explain</p> <p>Topics: Chapter 1 - Attempts to Make and Keep Peace Chapter 2 - Case study of Nazi Germany Chapter 4 - The outbreak of WWII in Europe Chapter 5 - The outbreak of WWII in Asia Pacific*</p>
Social Studies	<p>Section A: Source Based Case Study (35m) 1. Inference 2. Purpose 3. Comparison 4. Reliability 5. Evaluation</p> <p>Section B: Structured Response Question (15m) 1. Opinion response 2. Description &amp; Explanation of Factors</p> <p>Topics from Textbook: Chapter 1-6</p>

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Tamil Language	<p>TL Paper 1 கட்டுரை 'அ' பிரிவு மின்னஞ்சல் எழுத்துதல் (உறவுமுறை மின்னஞ்சல், அலுவல் சார்ந்த மின்னஞ்சல்) 'ஆ' பிரிவு கட்டுரை வகைகள்: நிகழ்வு, விளக்கம், கதை Paper 2 மொழிமரபும் பயன்பாடும் மற்றும் கருத்தறிதலும் 'அ' பிரிவு A1 மரபுத்தொடர்களும் இணைமொழிகளும் A2 முன்னுணர்வுக் கருத்தறிதல் 'ஆ' பிரிவு B3 தெரிவுவிடைக் கருத்தறிதல் B4 பிழை திருத்தம் 'இ' பிரிவு C5 சுயவிடைக் கருத்தறிதல் Paper 3 வாய்மொழி (Oral) வாய்விட்டு வாசித்தல், உரையாடல் கேட்டல் கருத்தறிதல் (LC)</p>
Chemistry	<p>1. Experimental Chemistry 2. Kinetic Particle Theory 3. Atomic Structure 4. Chemical Bonding 5. Structure and Properties of Materials 6. Chemical Formulae and Equations 7. Mole Concept and Stoichiometry 8. Acids and Bases 9. Salts 10. Ammonia 11. Qualitative Analysis 12. Oxidation and Reduction</p>
Physics	<p>1. Physical Quantities, Units and Measurement 2. Kinematics 3. Dynamics I: Mass and Weight 4. Dynamics II: Forces 5. Turning Effect of Forces 6. Pressure 7. Energy 8. Kinetic Particle Model of Matter 9. Thermal Processes 10. Thermal Properties of Matter 11. General Wave Properties I: Introduction 12. General Wave Properties II: Sound 13. Electromagnetic Waves 14. Light (until total internal reflection)</p>
Biology	<p>1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Enzymes 5. Animal Nutrition 6. Transport in Humans 7. Respiration 8. Excretion 9. Homeostasis and Hormonal Control 10. Nervous system and the Eye 11. Infectious Disease in Humans</p>
Science Physics	<p>1. Physical Quantities, Units and Measurement 2. Kinematics 3. Forces and Pressure 4. Dynamics 5. Turning Effect of Forces 6. Energy 7. Kinetic Particle Model of Matter 8. Thermal Processes 9. General Wave Properties I: Introduction 10. General Wave Properties II: Sound 11. Electromagnetic Waves</p>
Science Biology	<p>1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules 4. Enzymes 5. Nutrition in Humans 6. Transport in Humans 7. Respiration 8. Infectious Diseases in Humans</p>
Science Chemistry	<p>1. Experimental Chemistry 2. Kinetic Particle Theory 3. Atomic Structure 4. Chemical Bonding 5. Structure and Properties of Materials 6. Chemical Formulae and Equations 7. The Mole Concept and Stoichiometry 8. Acids and Bases 9. Qualitative Analysis</p>

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Social Studies	<p>Section A: Source Based Case Study (35m)</p> <ol style="list-style-type: none"> <li>Inference</li> <li>Purpose</li> <li>Comparison</li> <li>Reliability</li> <li>Evaluation</li> </ol> <p>Section B: Structured Response Question (15m)</p> <ol style="list-style-type: none"> <li>Opinion response</li> <li>Description &amp; Explanation of Factors</li> </ol> <p>Topics from Textbook: Chapter 1-6</p>
Elective Literature in English	<p>Prose and Unseen Poetry [50 marks]</p> <p>There will be two sections in this paper.</p> <ul style="list-style-type: none"> <li>Candidates will select one question from each of the two sections.</li> <li>In total, candidates will answer two questions.</li> <li>Each question is 25% of the total weighting.</li> </ul> <p>Section A: Prose [25 marks] - How We Live Now ed. by Yu-Mei Balasingamchow (Short Stories: 'Painting the Tiger', 'Close to Home', 'Fireworks')</p> <ul style="list-style-type: none"> <li>For this section, one passage-based question and two essay questions will be set.</li> <li>Candidates will answer one question [25%]</li> </ul> <p>Section B: Unseen Poetry [25 marks]</p> <ul style="list-style-type: none"> <li>There will be a choice of two unseen poems with one question set (2 part questions) on each poem.</li> <li>Candidates will answer one of the two questions [25%].</li> <li>One question will be set on a Singapore text.</li> </ul>
Design and Technology	<p><a href="#">Design</a></p> <p><a href="#">Mechanisms</a></p> <p><a href="#">Electronics</a></p> <p>Refer to <a href="https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/7055_y23_sy.pdf">https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/7055_y23_sy.pdf</a></p>
Nutrition and Food Science	<ol style="list-style-type: none"> <li>Nutrients: Carbohydrates, Proteins, Fats, Vitamins, Minerals, Water, Dietary Fibre (pg 1 - 60)</li> <li>Diet &amp; Health Problems (pg 62 - 82)</li> <li>Meal Analysis (pg 109 - 134)</li> <li>Methods of Cooking (pg 189 - 206)</li> <li>Food Reactions (pg 207 - 246)</li> </ol>
Principles of Accounts	<p>Paper 1 : 40 marks (1 hour) 3 to 4 questions</p> <p>Paper 2: 60 marks (2 hours) 4 questions</p> <p>Topics covered: Chapter 1 to 9</p>
Additional Mathematics	<p>Textbook</p> <p>Chapter 1 Quadratic Function (Simultaneous Equations)</p> <p>Chapter 2 Quadratic Equations and Inequalities</p> <p>Chapter 3 Surds</p> <p>Chapter 4 Polynomials, Cubic equations and Partial Fractions</p> <p>Chapter 7 Coordinate Geometry (including Equation of Circle)</p> <p>Chapter 9 Trigonometric Functions and Graphs</p>

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Science Chemistry	<ol style="list-style-type: none"> <li>Experimental Chemistry</li> <li>Kinetic Particle Theory</li> <li>Atomic Structure</li> <li>Chemical Bonding</li> <li>Structure and Properties of Materials</li> <li>Chemical Formulae and Equations</li> <li>The Mole Concept and Stoichiometry</li> <li>Acids and Bases</li> <li>Qualitative Analysis</li> </ol>
Additional Mathematics	<p>Topics tested</p> <ol style="list-style-type: none"> <li>Non-linear Simultaneous Equation</li> <li>Polynomials and Partial Fractions</li> <li>Exponential and Logarithmic functions</li> <li>Surds</li> <li>Quadratic Equations and Inequalities</li> <li>Coordinate Geometry and Equation of Circles</li> <li>Trigonometric Functions and Their Graphs</li> </ol>
Principles of Accounts	<p>Paper 1 : 40 marks (1 hour) 3 to 4 questions</p> <p>Paper 2: 60 marks (2 hours) 4 questions</p> <p>Topics covered: Chapter 1 to 9</p>
Computing	<p>Chapter 1: How do computers work</p> <p>Chapter 2: How can algorithms be used to solve problems</p> <p>Chapter 3: How do I use flowcharts and pseudo-code?</p> <p>Chapter 4: How do I write programs?</p> <p>Chapter 5: How can programs be used to solve problems?</p> <p>Chapter 6: How do I ensure that a program works as intended?</p> <p>Chapter 8: How are number systems applied in real life?</p> <p>Chapter 9: How do logic circuits make decisions?</p>
Higher Chinese Language	<p>P1: 实用文和作文</p> <p>P2: 语文应用 (短文填空&amp;病句修改)、阅读理解一、阅读理解二、片段缩写</p> <p>P3: 口试</p>
Higher Malay Language	<p>Kertas 1: Karangan</p> <p>Bahagian A</p> <p>Penulisan Fungsional</p> <ul style="list-style-type: none"> <li>Respon terhadap sebuah forum</li> <li>E-mel Tidak Rasmi</li> </ul> <p>Bahagian B</p> <p>Penulisan Esei</p> <ul style="list-style-type: none"> <li>Naratif</li> <li>Deskriptif</li> <li>Ekspositori</li> </ul> <p>Kertas 2 Penggunaan Bahasa dan Pemahaman</p> <p>Bahagian A</p> <p>Penggunaan Bahasa</p> <ul style="list-style-type: none"> <li>Teks Bacaan 1 (FIB)</li> <li>Teks Bacaan 2 (Penyuntingan)</li> </ul> <p>Bahagian B</p> <p>Pemahaman Teks 1 (MCQ &amp; OE)</p> <p>Bahagian C</p> <p>Pemahaman Teks 2 (OE)</p> <p>Pemahaman Teks 3 (OE)</p> <p>Bahagian D</p> <p>Ringkasan</p>
Literature in Chinese	<p>Kertas 3</p> <p>Lisan</p> <p>A组: 现当代短篇小说和古代诗歌选读 (2题选答1题, 每题25分。)</p> <p>B组: 现当代诗歌选读和文学作品赏析 (2题选答1题, 每题25分。)</p> <p>Total: 32 m [1 hr 15 min]</p>
Elective Geography	<p>Section A - Geography of Everyday life + GI [14m]</p> <p>Topic 1: Thinking geographically</p> <p>Topic 2: Sustainable Development</p> <p>Topic 3 : Geographical Investigation</p> <p>(All pages of Textbook of Geography in Everyday Life are covered)</p> <p>Section B - Climate Cluster- [18m]</p> <p>Topic 1: Weather and Climate</p> <p>(Pg 1 - Pg 27 of textbook of Climate)</p>
Social Studies	<p>Section A: Source Based Case Study (35m)</p> <ol style="list-style-type: none"> <li>Inference</li> <li>Purpose</li> <li>Comparison</li> <li>Reliability</li> <li>Evaluation</li> </ol> <p>Section B: Structured Response Question (15m)</p> <ol style="list-style-type: none"> <li>Opinion response</li> <li>Description &amp; Explanation of Factors</li> </ol> <p>Topics from Textbook: Chapter 1-6</p>

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Core History	Not offer
Elective History	<p>Section A (30 Marks) Source-Based Case Study: Answer all 5 questions</p> <ol style="list-style-type: none"> <li>1. Inference</li> <li>2. Purpose</li> <li>3. Comparison</li> <li>4. Reliability</li> <li>5. Reaching Judgement</li> </ol> <p>Section B (20 Marks) Structured Essay Question Skills Answer two out three questions Explain and evaluate</p> <p>Topics: Chapter 1 - Attempts to Make and Keep Peace Chapter 2 - Case study of Nazi Germany Chapter 3 - Case study of Militarist Japan Chapter 4 - The outbreak of WWII in Europe Chapter 5 - The outbreak of WWII in Asia Pacific</p>
Elective Literature	<p>Prose and Unseen Poetry [50 marks] There will be two sections in this paper.</p> <ul style="list-style-type: none"> <li>• Candidates will select one question from each of the two sections.</li> <li>• In total, candidates will answer two questions.</li> <li>• Each question is 25% of the total weighting.</li> </ul> <p>Section A: Prose [25 marks] - The Chrysalids by John Wyndham (Chapters 1 to 6) • For this section, one passage-based question and two essay questions will be set. • Candidates will answer one question [25%]</p> <p>Section B: Unseen Poetry [25 marks] • There will be a choice of two unseen poems with one question set (2 part questions) on each poem. • Candidates will answer one of the two questions [25%]. • One question will be set on a Singapore text.</p>