

Zhenghua Secondary School

Sec 3 Normal (Academic) Syllabus Coverage for Assessment in Mid-Year Examination 2016

ENGLISH LANGUAGE

S/N	Topics	Format / Weightings
1	<p>Paper 1: Writing</p> <p>Section A: Editing – Grammar</p> <p>Section A: Situational Writing</p> <p>Section B: Continuous Writing (Narrative, Discursive, Descriptive)</p> <p>Duration of Examination = 1hr 50mins</p>	<p>10 marks</p> <p>30 marks</p> <p>30 marks</p> <p>Total= 70 marks (40%)</p>
2	<p>Paper 2: Comprehension</p> <p>Section A: Visual Text – structured questions</p> <p>Section A: Narrative text – structured questions</p> <p>Section B: Non-narrative text- structured questions and summary</p> <p>Duration of Examination = 1hr 50mins</p>	<p>5 marks</p> <p>20 marks</p> <p>25 marks</p> <p>Total= 50 marks (40%)</p>
3	<p>Paper 3: Listening Comprehension</p> <p>Section A Candidates respond to a variety of listening tasks based on a number of audio recordings which the candidates will hear twice.</p> <p>Section B Candidates listen to an audio recording and do a simple note-taking exercise. Candidates will hear the recording only once.</p>	<p>24 marks</p> <p>6 marks</p> <p>Total = 30 marks (20%)</p>
4	<p>Paper 4: Oral Communication</p> <p>The two parts in this paper are thematically linked.</p> <p>Part 1: Reading Aloud</p> <p>Candidates read aloud a short text.</p> <p>Part 2: Spoken Interaction</p> <p>Candidates engage in a discussion with the examiners on a topic based on a visual stimulus</p> <p>Duration of Examination= About 20 minutes(including 10 minutes of Preparation time)</p>	<p>10 marks</p> <p>20 marks</p> <p>Total= 30 marks (20%)</p>

**Paper 4 Oral examination marks will be counted as SA2 marks*

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CHINESE LANGUAGE

中三普通学术课程年中考试

	项目	内容	必答题数	分数	分数比例	附注
1	年中考试试卷（一） 2 小时	作文 <ul style="list-style-type: none"> • 情境作文 • 完成文章 • 新闻读后感 • 论说文 	1	40		技能考查参照课本单元学习单 四选一
		实用文 私人电邮 <ul style="list-style-type: none"> • 劝勉 • 课题讨论 公务电邮 <ul style="list-style-type: none"> • 表扬/投诉 	1	20		二选一
		总		60	30%	
2	年中考试试卷（二） 1 小时 30 分钟`	词语/成语填空	10	20		上册所有词汇
		综合填空	6	6		
		理解测验	7	14		技能考查参照课本单元学习单
		理解问答	8	30		技能考查参照课本单元学习单
		总		70	60%	
3	听力考试	选择题	10	20	10%	
		总分		150	100%	

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MALAY LANGUAGE

Kertas	Komponen	Markah / Timbangan	Catatan
1	Bahagian A: E-mel Calon dikehendaki menjawab satu soalan daripada: a) E-mel tidak formal b) E-mel formal	20	Kamus Dewan boleh digunakan Masa peperiksaan: 2 jam
	Bahagian B: Karangan Calon dikehendaki menjawab satu soalan daripada karangan jenis: a) Deskriptif/Naratif b) Ekspositori c) Naratif	40	
	Jumlah	60 (40%)	
2	Bahagian A1: Imbuhan	10	Kamus Dewan tidak boleh digunakan. Masa peperiksaan: 1 jam 30 minit
	Bahagian A2: Peribahasa	10	
	Bahagian A3: Melengkapkan Teks	10	
	Bahagian B: Grafik Stimulus	10	
	Bahagian C: Kefahaman	30	
	Jumlah	70 (50%)	
3	Kefahaman Mendengar	20 (10%)	Masa peperiksaan: 30 minit

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SCIENCE (Physics, Chemistry)

Duration of Examination: Paper 1 and 2: 1 hour 15 minutes

Paper 3 and 4: 1 hour 15 minutes

S/N	Topics	Format/ Weightings
<u>Physics</u>		<u>Paper 1 (Physics) (20 marks)</u> Multiple Choice Questions
1	Measurement	<u>Paper 2 (Physics)</u> <u>Section A (14 marks)</u> Structured Questions <u>Section B (16 marks)</u> Free Response Questions Choose 2 out of 3 questions
2	Forces and Pressure	
3	Mass, Weight and Density	
4	Turning effect of Forces	
5	Energy, Work and Power	
<u>Chemistry</u>		<u>Paper 3 (Chemistry) (20 marks)</u> Multiple Choice Questions
1	Kinetic Particle Theory	<u>Paper 4 (Chemistry)</u> <u>Section A (14 mark)</u> Structured Questions <u>Section B (16 marks)</u> Free Response Questions Choose 2 out of 3 questions Total: 100 marks
2	Measurements	
3	Separation Techniques	
4	Elements, Compounds and Mixtures	
5	Structure of Atom	
6	Chemical Bonding	

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SCIENCE (Chemistry, Biology)

Duration of Examination: Paper 3 and 4: 1 hour 15 minutes

Paper 5 and 6: 1 hour 15 minutes

S/N	Topics	Format/ Weightings
<u>Chemistry</u>		<u>Paper 3 (Chemistry) (20 marks)</u> Multiple Choice Questions <u>Paper 4 (Chemistry)</u> <u>Section A (14 mark)</u> Structured Questions <u>Section B (16 marks)</u> Free Response Questions Choose 2 out of 3 questions
1	Kinetic Particle Theory	
2	Measurements	
3	Separation Techniques	
4	Elements, Compounds and Mixtures	
5	Structure of Atom	
6	Chemical Bonding	<u>Paper 5 (Biology) (20 marks)</u> Multiple Choice Questions
<u>Biology</u>		<u>Paper 6 (Biology)</u> <u>Section A (14 marks)</u> Structured Questions <u>Section B (16 marks)</u> Free Response Questions Choose 2 out of 3 questions Total: 100 marks
1	Cells	
2	Movement of Substances	
3	Nutrients	
4	Enzymes	
5	Nutrition in Humans	

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MATHEMATICS (NA)

Duration of Examination: Paper 1 (2 hours), Paper 2 (2 hours)

S/N	Topics	Format / Weightings
1	(Includes all Secondary 1 & 2 Topics)	Paper 1: 80 marks (50%) 2hr Calculators Allowed Paper 2: 60 marks (50%) 2hr Section A – Answer All Section B – Choose 1 out of 2 Questions Calculators Allowed
2	Congruency and Similarity	
3	Mensuration 3D	
4	Trigo (2D)	
5	Trigo (3D, Bearings)	
6	Mensuration 3D (Radian Measure of angle, Arc Length, Area of Sector & Segment)	
7	Data Analysis	

MATHEMATICS (O-level)

Duration of Examination: 2 hour (Paper 1) & 2 hour and 30 minutes (Paper 2)

S/N	Topics	Format / Weightings
1	(Includes all Secondary 1 & 2 Topics)	Paper 1: 80 marks (50%) 2hr Calculators Allowed Paper 2: 100 marks (50%) 2hr 30min Calculators Allowed
2	Functions and Graphs – Sketching of Graphs	
3	Congruency and Similarity	
4	Mensuration (3 Dimensions)	
5	Trigonometry (2 Dimensions)	
6	Trigonometry (3 Dimensions, Bearings)	
7	Mensuration 3D (Radian Measure of angle, Arc Length, Area of Sector & Segment)	
8	Data Analysis	

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ADDITIONAL MATHEMATICS

Duration of Examination: 1 hour 45 min (Paper 1) & 1 hour and 45 minutes (Paper 2)

S/N	Topics	Format / Weightings
1	Chapter 1: Simultaneous Equations, Polynomials & Partial Fractions (excluding Partial fractions)	Paper 1: 70 marks (50%) 1hr 45min Calculators Allowed
2	Chapter 2: Quadratic Equations, Inequalities & Modulus Functions (excluding Modulus functions)	
3	Chapter 3: Binomial Theorem	
4	Chapter 4: Indices, Surds and Logarithms (excluding Logarithms)	Paper 2: 70 marks (50%) 1hr 45min Calculators Allowed
5	Chapter 5: Coordinate Geometry	

COMBINED HUMANITIES (Social Studies/ Geography)
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Duration of Examination: 1 hour 45 minutes for Social Studies and 1 hour 40 minutes for Geography

S/N	Topics	Format/ Weightings
<u>Social Studies</u>		<u>Section A</u>
1	Chapter 1: What does it mean for me to be a citizen of my country?	Source-Based Case Study (25 marks)
2	Chapter 2: How do we decide what is good for society?	<u>Section B</u> Structured-Response Question (15 marks)
3	Chapter 3: How can we work for the good of society?	Total mark is 40.
<u>Geography</u>		<u>Section A</u>
1	Chapter 2: Variable Weather and Changing Climate: <ul style="list-style-type: none"> • Gateway 1: Why do different places experience different weather and climate? • Gateway 2: What is happening to the Earth's climate? 	Field Study– Geographical Skills and Investigations (13 marks)
2	Chapter 3: Geographical Skills and Investigations <ul style="list-style-type: none"> • Gateway 2: Geographical data and techniques (Graphs) • Gateway 3: Geographical investigations 	<u>Section B</u> Structured Questions: Weather and Climate (37 marks)
		Total is 50 marks.

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COMBINED HUMANITIES (Social Studies/ History)
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Duration of Examination: 1 hour 45 minutes for Social Studies and 1 hour 40 minutes for History

S/N	Topics	Format/ Weightings
<u>Social Studies</u>		
1	Chapter 1: What does it mean for me to be a citizen of my country?	<u>Section A</u> Source-Based Case Study (25 marks)
2	Chapter 2: How do we decide what is good for society?	<u>Section B</u> Structured-Response Question (15 marks)
3	Chapter 3: How can we work for the good of society?	Total mark is 40.
<u>History</u>		
1	Chapters 1 and 2 <ul style="list-style-type: none"> • Treaty of Versailles, League of Nations, Rise of Stalin and Impact of Stalin's rule on Soviet Union 	<u>Section A</u> Source-Based Case Study (30 marks) <u>Section B</u> Structured Essay Question (20 marks) Total mark is 50.

PRINCIPLES OF ACCOUNTS

Duration of Examination: 3 hours (paper 1: 1 hour; paper 2; 2 hour)

S/N	Topics	Format / Weightings
1	Chapter 1 Introduction to Accounting Chapter 2 The Accounting Information System Chapter 3 Elements of the Financial Statements and the Accounting Equation Chapter 4 The concept of Double Entry Chapter 5 Special Journals / Source Documents Chapter 8 Trial Balance (with adjustments) Chapter 9 Income Statement (with adjustments) Chapter 10 Balance Sheet (with adjustments)	<u>Paper 1</u> <ul style="list-style-type: none"> • 40 marks • Answer all questions <u>Paper 2</u> <ul style="list-style-type: none"> • 60 marks • Answer all questions

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DESIGN & TECHNOLOGY

Duration of Examination: 1 hr 30 minutes

S/N	Topics	Format / Weightings
1	Theory Paper: Part A - Design method Project Management Research Definition of Needs Generating Ideas Design Journal Ergonomics and Anthropometry Realisation Part B- Electronics Mechanism	70 marks / 40% Part A: 28 marks Part B: 42 marks
2	Coursework	60 marks (60%) Problem based coursework already completed.

FOOD & NUTRITION

Duration of Examination: 1 hour 30 minutes

S/N	Topics	Format / Weightings
1	Theory Paper: Chap 1-8, 10-12 Chapter 1: Energy from Food Chapter 2: Guidelines for Meal Planning Chapter 3: Different Types of Nutritional Needs Chapter 4: Carbohydrates Chapter 5: Cereals Chapter 6: Fats Chapter 7: Proteins Chapter 8: Meat & Alternatives Chapter 10: Vitamins Chapter 11: Minerals Chapter 12: Water & Dietary Fibre	80 marks (60%) <u>Section A: 20 marks</u> Short answers structured Qs <u>Section B : 28 marks</u> Data based structured Qs <u>Section C :32 marks</u> Essay questions
2	Coursework	14 marks (40%) Problem based coursework.

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ART

Duration of Examination: NA

S/N	Topics	Format / Weightings
	<ol style="list-style-type: none">1. First Hand Studies (2 different mediums)2. Transformation or Stylised Work3. To be completed on Mid-Year Examination	100 marks