

Woodgrove Secondary School
End-of-Year Examination 2020
Topics Coverage & Assessment Format

	<p><u>听力考试 (30 分钟)</u></p> <ul style="list-style-type: none"> ● 10 题 20 分 ● 考查内容包括日常会话、广告、说明、故事、新闻报道等 	
<p>Malay Language</p> <p>&</p> <p>3NT (SBB NA)</p>	<p><u>Paper 1 (Email & Essay Writing) – 60 m</u></p> <ul style="list-style-type: none"> ● Sect A (20m) Email (1 Formal and 1 Non-formal) [Choose 1 out of 2 Email questions] ● Sect B (40m) 1 Narrative, 2 Expository, 1 Descriptive [Choose 1 out of 4 Essay questions] <p><u>Paper 2 - 60 m</u></p> <ul style="list-style-type: none"> ● <u>Sect A (20m) – Grammar</u> Pengimbuhan – awalan, apitan & akhiran Peribahasa Melengkapkan Teks – Golongan Kata ● <u>Sect B (10m) - Comprehension MCQ</u> Pemahaman berbentuk MCQ berdasarkan bahan autentik – iklan, brosur, poster, risalah, menu dan lain-lain lagi ● <u>Sect C (30m) - Comprehension Subjective</u> Pemahaman berbentuk subjektif berdasarkan teks naratif <p><u>Paper 3 Listening Comprehension – 20m</u> 10 MCQ Questions</p>	<p>Paper 1 (Email & Essay Writing) - 60m Duration: 2hrs</p> <p>Paper 2 (Grammar) - 60m Duration: 1.5hrs</p> <p>Paper 3 (Listening Comprehension) – 20m Duration: 30 mins</p>
<p>Mathematics</p> <p>&</p> <p>3NT (SBB NA)</p>	<p>Chapter 1: Indices Chapter 2: Algebraic Manipulation Chapter 3: Quadratic Equations Chapter 4: Congruence and Similarity Chapter 5: Coordinate Geometry Chapter 6: Trigonometric Ratios of Acute Angles Chapter 7: Sine Rule and Cosine Rule Chapter 8: Graphs of Quadratic Functions</p> <p><u>Lower Secondary Topics:</u></p> <ol style="list-style-type: none"> (1) Rate, Ratio, Speed (2) Percentage (3) Proportion (4) Data Handling and Analysis (5) Probability (6) Statistical Representation (7) Numbers and their Operations (8) Simultaneous Equations <p>Textbook: Discovering Mathematics Normal (Academic) (2nd Edition)</p>	<p><u>Paper 1</u> Duration: 2h Total Marks: 80</p> <p><u>Paper 2</u> Duration: 1h 30min Total Marks: 60</p>
<p>Additional Mathematics</p>	<p>Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials and Partial Fractions</p>	<p>Duration: 1h 45 min Total Marks: 70</p> <p>Answer All Questions.</p>

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	<p>Chapter 7.1 - 7.3: Coordinate Geometry of Lines and Rectilinear Figures Chapter 8: Coordinate Geometry of Circles Chapter 9: Trigonometric Functions, Graphs and Equations Chapter 10.1 - 10.2: Trigonometric Identities and Formulae</p> <p>Textbook: New Discovering Additional Mathematics</p>	
<p>Combined Science (Physics)</p> <p>+ 3NT (SBB NA)</p>	<p>Chapter 1: Measurement Chapter 2: Kinematics Chapter 3: Forces and Pressure Chapter 4: Mass, Weight and Density Chapter 5: Turning Effect of Forces Chapter 6: Energy, Work & Power Chapter 7: Kinetic Model of Matter Chapter 8: Transfer of Thermal Energy Chapter 11: Waves Chapter 12: Electromagnetic Waves</p> <p>Textbook: Discover Physics GCE 'O' Level Science (Marshall Cavendish Education)</p>	<p><u>Section A (20m)</u> Multiple Choice Questions</p> <p><u>Section B (14m)</u> Structured Questions</p> <p><u>Section C (16m)</u> Free Response Questions</p> <p>Total marks: 50</p> <p>Duration: 1 h 15 mins</p>
<p>Combined Science (Chemistry)</p> <p>+ 3NT (SBB NA)</p>	<p>Chapter 1: Kinetic Particle Theory Chapter 2: Measurement & Experimental Techniques Chapter 3: Separation & Purification Chapter 4: Elements, Compounds & Mixtures Chapter 5: Atomic Structure Chapter 6: Chemical Bonding Chapter 7: Writing Chemical Equations Chapter 10: Acids & Bases (including tests for gases) Chapter 14: The Periodic Table (14.1+14.2 - Features of the Periodic Table/ Periodic Trends)</p>	<p><u>Section A (20m)</u> Multiple Choice Questions</p> <p><u>Section B (14m)</u> Structured Questions</p> <p><u>Section C (16m)</u> Free Response Questions</p> <p>Total marks: 50</p> <p>Duration: 1 h 15 mins</p>
<p>Humanities (Social Studies)</p>	<p>Skills:</p> <p>SBCS - Inference, Comparison, Reliability SRQ - Constructing explanations based on 3 extracts</p> <p>Content:</p> <p>Chapter 1 - What does it mean to be a citizen of my country? Chapter 2 - How do we decide what is good for society? Chapter 3 - How can we work for the good of society? Chapter 4 - What is Diversity?</p>	<p>Answer All questions.</p> <p>Section A (35m) Source-Based Case Study, questions 1 - 5.</p> <p>Section B (15m) Structured Response Question, questions 6 & 7.</p> <p>Total: 50 marks Duration : 1 hr 45 min</p>

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<p>Humanities (Geography)</p>	<p>1. Geographical Skills and Investigation Gateway 3 (Sec 3 textbook pp. 166 – 177)</p> <p>2. Living with Tectonic Hazards Gateway 1 and 2 (Sec 3 textbook pp. 2 – 47)</p> <p>3. Variable weather and changing climate Gateway 1 and 2 (Sec 3 textbook pp. 70- - 111)</p> <ul style="list-style-type: none"> • What are the responses to climate change? (Sec 3 textbook pp. 112 - 115) not included. <p>Textbook:</p> <p>1. All About Geography Upper Secondary – Physical Geography Elective (Revised Edition) (Hodder Education)</p>	<p>Answer all questions</p> <p>Section A (13m) Q1: Geographical investigation on variable weather & changing climate</p> <p>Section B (12m) Q2: Structured question on variable weather & changing climate</p> <p>Section C (25m) Q3: Structured question on living with tectonic hazards.</p> <p>Total: 50 marks Duration: 1 hr 40 mins</p>
<p>Design & Technology</p>	<p><u>Written Paper 40%</u> Topics</p> <p>1. Design-centric question consisting of the following: Technology in Society, Design Situation, Ideation, Evaluation, Research, Design Communication, Ergonomics & Anthropometry</p> <p>2. Technology - Mechanism</p> <p>3. Technology - Electronics</p> <p><u>Coursework 60%</u> Journal and Prototype</p>	<p>Written paper 40% Duration: 1 hour 30 min Total marks: 60</p> <p>Do all questions Q1 Design 24 marks Q2-3 18 marks each (Electronics, Mechanism)</p> <p>Coursework 60% Journal and Prototype</p>
<p>Food & Nutrition</p>	<p>Paper 1:Written Exam (Chapters 1-8, 10-16)</p> <p>Textbook: Food Matters (Marshall Cavendish Education)</p> <p>Paper 2: Coursework 2</p>	<p>Paper 1: Duration: 1 hour 30 mins Total marks: 80m</p> <p>Paper 2: 60m</p>
<p>Art</p>	<p>Candidates will be given the question paper three weeks prior to the examination day. Candidates choose one stimuli from the list of given themes. The preparatory works are to be done in class during Art lesson and at home. They are to bring the preparatory works for submission on the examination day.</p> <p>Students are to bring their own drawing and colouring materials such as colour pencils, acrylic paints, brushes, markers, etc.</p> <p>PREPARATORY WORKS: Students are to produce:</p> <p>1. 8 Observational drawings:</p> <ul style="list-style-type: none"> • <i>The chosen objects are to be coloured & shaded.</i> <p>2. 6 Developmental studies</p> <ul style="list-style-type: none"> • <i>The drawings are to be coloured & shaded</i> <p>3. 2 Layouts:</p> <ul style="list-style-type: none"> • <i>Candidates must produce 2 different layout within the size of A4 drawing paper</i> 	<p>Art Paper 2: Drawing & Painting Duration: 3 hours Total Marks: 100</p> <p>Candidates are to redraw the selected layout onto the A3 size drawing paper provided and complete the drawing with full rendering using colour pencils / acrylic paint / markers. Candidates are to submit their preparatory boards</p>

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	<p>4. 2 Colour Scheme:</p> <ul style="list-style-type: none">• <i>Candidates to produce 2 different colour scheme based on the layout they have chosen.</i>	<p>and final work for submission.</p>
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