

Woodgrove Secondary School
N-Level Preliminary Examination 2022
Topics Coverage & Assessment Format

Level/Stream: Sec 4 Normal (Academic)

Subject	Topics/ Chapters	Assessment Format (format, duration, total marks & date of assessment)
English Language & 4NT (SBB NA)	<p>Paper 1: Writing [35%] Section A: Editing <ul style="list-style-type: none"> Students will be tested on grammatical features taught from Sec 1 – 4. Students will <u>NOT</u> be required to provide the Grammar Error Type (G.E.T.) for the errors identified. Section B: Situational Writing (180 – 250 words) <ul style="list-style-type: none"> One text-type will be assessed based on any text-type taught (e.g. <i>informal letter/email, formal letter/email, speech, report, etc.</i>) Section C: Continuous Writing (250 – 400 words) <ul style="list-style-type: none"> Students will be required to choose one out of four questions and write an essay based on any of the text-types taught. (e.g. <i>personal recount, expository, reflective, etc.</i>) Paper 2: Comprehension [35%] Section A: Comprehension I <ul style="list-style-type: none"> Visual Text Section B: Comprehension II <ul style="list-style-type: none"> Narrative or Recount Text All Question Types Section C: Comprehension III <ul style="list-style-type: none"> Non-narrative Text All Question Types Summary (not more than 80 words) Paper 3: Listening [10%] <ul style="list-style-type: none"> Students listen to a variety of spoken texts and complete a range of listening tasks. Spoken texts such as conversations, speeches, announcements, reports and information texts may be included. Paper 4: Oral Communication [20%] Students will read aloud a text as well as engage in a discussion with the examiners on a topic based on a visual stimulus.</p>	<p>Paper 1 (70 m) Duration: 1 hr 50 mins</p> <p>Paper 2 (50 m) Duration: 1 hr 50 mins</p> <p>Paper 3 (30 m) Duration: 45 mins</p> <p>Paper 4 (30 m) Duration: 15 mins</p>
Chinese Language	<p>试卷一 (2 小时)</p> <ul style="list-style-type: none"> 实用文 (20 分) (任选一题) <ul style="list-style-type: none"> 1 题私人电邮 1 题公务电邮 作文 (40 分) (任选一题) <ul style="list-style-type: none"> 1 题情境作文 1 题论说文 1 题材料作文 1 题完成文章 	<p>Paper 1 (60marks) Duration : 2hr</p> <p>Paper 2 (60marks) Duration : 1.5hr</p> <p>Listening Comprehension (20marks) (conducted in Term 2)</p> <p>Oral 60marks (conducted in Term 2)</p>

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	<p>试卷二 (1 小时 30 分钟)</p> <ul style="list-style-type: none"> 综合填空 (10 题 10 分) 多项选择 (篇章包括新闻、故事、短文) 阅读理解一 (10 题 20 分) 多项选择 (现实生活中接触的语料, 如: 新闻、广告、宣传小册子和篇章包括新闻、故事、短文) 阅读理解二 (8 题 30 分) 自由作答 (篇章包括新闻、故事、短文) 	
<p>Malay Language</p>	<p>Paper 1 – 60 m <u>Sect A (20m)</u></p> <ul style="list-style-type: none"> Email (Formal & Informal) [Choose <u>1</u> out of 2 Email questions] <p><u>Sect B (40m)</u></p> <ul style="list-style-type: none"> 1 Narrative 2 Expository 1 Descriptive [Choose <u>1</u> out of 4 Essay questions] <p>Paper 2 - 60 m Sect A (20m) - Grammar Sect B (10m) - Comprehension MCQ Sect C (30m) - Comprehension Subjective</p> <p><u>Topics Tested for Paper 2</u></p> <p><u>Section A</u></p> <ul style="list-style-type: none"> Pengimbuhan – awalan, apitan & akhiran Peribahasa (Men 1, 2 dan 3) Golongan Kata – Kata Tugas, Kata Adjektif, Kata Nama & Kata Kerja <p><u>Section B</u></p> <ul style="list-style-type: none"> Kefahaman rangsangan berbentuk MCQ berdasarkan bahan autentik – iklan, brosur, poster, risalah, menu dan lain-lain lagi <p><u>Section C</u></p> <ul style="list-style-type: none"> Kefahaman berbentuk subjektif berdasarkan teks naratif. Pelajar diuji 6 soalan dan 2 kosa kata <p>Oral Test Section A - Reading Aloud Section B - Conversation based on video</p> <p><u>Listening Comprehension (20 marks)</u></p> <ul style="list-style-type: none"> Students are to answer 10 MCQ based on five texts. 	<p>Duration: Paper 1 - 2h Paper 2 - 1h 30 minutes Listening comprehension - 30 minutes</p> <p>Listening Comprehension (20 marks) (conducted in Term 2)</p> <p>Oral 60 marks (conducted in Term 2)</p>

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Elementary Mathematics & 4NT (SBB NA)	<p>(A) Number and Algebra</p> <ol style="list-style-type: none"> 1. Numbers and their operations 2. Ratio and proportion 3. Percentage 4. Rate and Speed 5. Algebraic expressions and formulae 6. Functions and graphs 7. Equations and inequalities 8. Problems in real-world contexts (e.g. everyday life, personal and household finance, travel graphs) <p>(B) Geometry and Measurement</p> <ol style="list-style-type: none"> 1. Angles, triangles and polygons 2. Congruence and similarity 3. Properties of circles 4. Pythagoras' Theorem and trigonometry 5. Mensuration 6. Coordinate geometry 7. Problems in real-world contexts (e.g. problems involving geometry) <p>(C) Statistics and Probability</p> <ol style="list-style-type: none"> 1. Data analysis 2. Probability <p>Reference: Sec 1 to Sec 4 Textbooks (all topics) Ten-Year Series</p>	<p><u>Paper 1</u> ~ 80 marks, 2 hr ~ Answer all questions.</p> <p><u>Paper 2</u> ~ 60 marks, 2 hr ~ Section A: answer all questions. ~ Section B: answer 1 out of 2 questions.</p>
Additional Mathematics	<p>Textbook: New Discovering Additional Mathematics (Book A and Book B):</p> <p>Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials and Partial Fractions Chapter 7: Coordinate Geometry (exclude 7.4) Chapter 8: Coordinate Geometry of Circles Chapter 9: Trigonometric Functions, Graphs and Equations Chapter 10: Trigonometric Identities and Formulas Chapter 11: Differentiation Chapter 12: Tangents, Normals and Rates of Change Chapter 13: Maxima and Minima Chapter 15: Indefinite Integrals (exclude 15.3 and 15.4) Chapter 16: Definite Integrals (exclude 16.3)</p>	<p>Paper 1 (70 marks) Duration: 1 hr 45 min Answer all questions</p> <p>Paper 2 (70 marks) Duration: 1 hr 45 min Answer all questions</p>

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Combined Science (Chemistry) & 4NT (SBB NA)	Topic 1: Experimental Chemistry Topic 2: Particulate Nature of Matter Topic 3: Formulae and the Mole Concept Topic 4: Acids, Bases and Salts Topic 5: Periodic Table Topic 6: Metals Topic 7: Air Topic 8: Organic Chemistry Textbook: Discover Chemistry GCE 'O' Level Science	Paper 3 Multiple Choice Questions (20m) Paper4 Section A – Structured Questions Section B – Free Response Questions (Choose 2 out of 3 Qns) Duration for both Paper 1&2 :1 h 15 mins
Combined Science (Physics) & 4NT (SBB NA)	Chapter 1: Physical Quantities, Units and Measurements Chapter 2: Kinematics Chapter 3: Forces & Pressure Chapter 4: Mass, Weight & Density Chapter 5: Turning Effect of Forces Chapter 6: Energy, Work and Power Chapter 7: Kinetic Model of Matter Chapter 8: Transfer of Thermal Energy Chapter 9: Thermal Properties of Matter Chapter 11: Waves Chapter 12: Electromagnetic Waves Chapter 13: Sound Chapter 15: Current Electricity Chapter 16: DC Circuits Chapter 17: Practical Electricity Textbook: Discover Physics GCE 'O' Level Science	Paper 1 Multiple Choice Questions (20m) Paper 2 Section A – Structured Questions Section B – Free Response Questions (Choose 2 out of 3 Qns) Duration for both Paper 1&2 :1 h 15 mins
Humanities (Social Studies)	<u>Source-Based Case Study (SBCS) Skills</u> - Inference - Compare and Contrast - Reliability - Utility - Are you surprised? + Hybrid question - Evaluation <u>Structured Response Questions</u> - Explain 2 suggestions - Evaluate factors Textbook: Upper Secondary Social Studies, all chapters (Ch 1 - 9)	Section A (35 m) - Source-Based Case Study - 5 questions (all compulsory) Section B (15 m) - Structured Response Questions - 2 questions (all compulsory) Total: 50 marks Duration: 1 hr 45 mins
Humanities (Geography Elective)	1. Geographical Skills and Investigation Gateway 3 (Sec 3 textbook pp. 166 – 177) 2. Global Tourism Gateway 1, 2 and 3 (Sec 4 textbook pp. 2 – 89)	Answer all questions Section A (13m) Answer <u>ONE</u> Question

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	<p>3. Living with Tectonic Hazards Gateway 1 and 2 (Sec 3 textbook pp. 2 – 47)</p> <p>4. Variable weather and changing climate Gateway 1 and 2 (Sec 3 textbook pp. 70- - 123)</p> <p>Textbook:</p> <p>1. All About Geography Upper Secondary – Physical Geography Elective (Revised Edition) (Hodder Education) AND</p> <p>2. All About Geography Upper Secondary – Human Geography Elective (Revised Edition) (Hodder Education)</p>	<p>Q1: Geographical investigation on global tourism</p> <p>Q2: Geographical investigation on variable weather & changing climate</p> <p>Section B (12m) Compulsory Question Q2: Structured question on global tourism</p> <p>Section C (25m) Answer <u>ONE</u> Question Q3 & 4: Structured question on living with tectonic hazards and variable weather and changing climate</p> <p>Total: 50 marks Duration: 1 hr 40 mins</p>
Humanities (Literature Elective)	<p>Set Text Prose and Unseen Poetry</p> <p><u>Section A: Prose - Hook and Eye Anthology</u> Students will be given a two-part passage-based question and two essay questions on <u>any</u> of the short stories in the anthology, Hook and Eye. Students must answer only one.</p> <p><u>Section B: Unseen Poetry</u> Students will answer a two-part question on an unseen poem. Students will have two poems to choose from – one Singaporean poem and one non-Singaporean poem.</p>	<p>Total: 50 marks</p> <p>Duration: 1hr 40mins</p>
Design & Technology	<p>Written Paper (40%) 60 marks</p> <p>Q1 Design-centric question::Technology in Society, Design Situation, Ideation, Evaluation, Research, Design Communication, Ergonomics & Anthropometry (24 marks)</p> <p>Q2 Electronics (18 marks)</p> <p>Q3 MEchanism (18 marks)</p> <p>Refer to D&T revision guide</p> <p>60% of overall marks from coursework</p>	<p>Answer all questions</p> <p>Duration: 1.5 hour</p> <p>Total: 60 marks</p>

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Nutrition & Food Science	<ol style="list-style-type: none"> 1. Proteins 2. Carbohydrates 3. Fats 4. Vitamins 5. Minerals 6. Water 7. Dietary Fibre 8. Diet & Health Problems 9. Diet & Meal Planning 10. Meal Analysis 11. Convenience Food 12. Food Safety 13. Preparation and Cooking of Food 14. Methods of Cooking 15. Reactions in Food during Preparation and Cooking 16. Sensory Evaluation <p>Textbook: Nutrition and Food Science(CPDD) Star Publishing Pte Ltd</p>	<p>Format: Written Paper Duration: 1 hr 30 min Total 80 marks</p> <p>Section A: 16 marks (multiple choice questions)</p> <p>Section B: 40 marks (short-answer-type questions and data-response-type questions)</p> <p>Section C: 24 marks (open-ended questions)</p>
Art	<p>Art Paper 2 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. Candidates must keep their investigation and developments between three to five A3 sheets of the preparatory studies. 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> <ol style="list-style-type: none"> 1. 8 Observational drawings: <i>(The chosen objects are to be coloured & shaded)</i> 2. 6 Developmental studies <i>(The drawings are to be coloured & shaded)</i> 3. 2 Layouts: <i>(Candidates must produce 2 different layout within the size of A4 drawing paper)</i> 4. 2 Colour Scheme: <i>(Candidates produce 2 different colour schemes based on the layout they have chosen)</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 and final work for submission</p>