



**NORTH VISTA SECONDARY SCHOOL
END-OF-YEAR EXAMINATION 2022
EXAMINATION FORMAT AND TOPICS
SECONDARY 3 NORMAL ACADEMIC**

| End of Year Examination | | | | | |
|------------------------------|--|---|--|--|--|
| Class | Subject & Code | Chapter / Area of Focus | Format | Marks/ % Overall | Duration |
| 3N1 - 3N3 (Including OOS) | English Language (Express - 1184) (Normal Academic - 1190) | Writing Reading Comprehension Listening Comprehension Oral Communication | Paper 1: Section A: Editing Section B: Situational Writing Section C: Continuous Writing Paper 2: Section A: Visual Text Comprehension Section B: Narrative Text Comprehension Section C: Non-narrative Text Comprehension Paper 3: Listening Comprehension Paper 4: Oral Communication | Paper 1: 70 m (35%) Paper 2: 50 m (35%) Paper 3: 30 m (10%) Paper 4: 30 m (20%) | Paper 1: 1 h 50 min Paper 2: 1 h 50 min Paper 3 (LC): 45 min |
| 3N1 - 3N3 (OOS) | Chinese Language (1160) (Express) | Functional Writing Essay Cloze Passage Comprehension Oral Communication Listening Comprehension | Paper 1: Section A: Functional Writing Section B: Essay Writing Paper 2: Section A: Cloze passage Section B: MCQ Comprehension Section C: Open-ended Comprehension Paper 3: Listening Comprehension (MCQ) Paper 3: Oral (Reading Aloud and Conversation) | Paper 1: 60 m (30%) Paper 2: 70 m (35%) Paper 3 (LC): 20 m (10%) Paper 3 (Oral): 50 m (25%) | Paper 1: 2h Paper 2: 1 h 30 min Paper 3 (LC): 30 min |
| 3N1 - 3N3 | Chinese Language (1196) | Functional Writing Essay Cloze Passage Comprehension Oral Communication Listening Comprehension | Paper 1: Section A: Functional Writing Section B: Essay Writing Paper 2: Section A: Cloze passage Section B: MCQ Comprehension Section C: Open-ended Comprehension Paper 3: Listening Comprehension (MCQ) Paper 3: Oral (Reading Aloud and Conversation) | Paper 1: 60 m (30%) Paper 2: 60 m (30%) Paper 3 (LC): 20 m (10%) Paper 3 (Oral): 60 m (30%) | Paper 1: 2 h Paper 2: 1 h 30 min Paper 3 (LC): 30 min |
| 3N1 - 3N3 (OOS) | Malay Language (1148) | Functional Writing Essay Writing Grammar, Editing and Cloze Passage Comprehension Oral Communication Listening Comprehension | Paper 1: Functional Writing & Essay Writing Paper 2: Section A: Grammar, Editing & Cloze passage Section B: Comprehension (MCQ) Section C: Comprehension Paper 3: Listening Comprehension (MCQ) Paper 3: Reading Aloud and Conversation (Oral) | Paper 1: 60m (30%) Paper 2: 70m (35%) Paper 3 (LC): 20m (10%) Paper 3 (Oral): 50m (25%) | Paper 1: 2 h Paper 2: 1 h 30 min Paper 3 (LC): 30 min |
| 3N1 - 3N3 | Malay Language (1197) | Functional Writing Essay Writing Cloze Passage Comprehension Oral Communication Listening Comprehension | Paper 1: Functional Writing & Essay Writing Paper 2: Section A: Cloze passage Section B: Comprehension (MCQ) Section C: Comprehension Paper 3: Listening Comprehension (MCQ) Paper 3: Reading Aloud and Conversation (Oral) | Paper 1: 60m (30%) Paper 2: 60m (30%) Paper 3 (LC): 20m (10%) Paper 3 (Oral): 60m (30%) | Paper 1: 2 h Paper 2: 1 h 30 min Paper 3 (LC): 30 min |

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| Class | Subject & Code | Chapter / Area of Focus | Format | Marks/ % Overall | Duration |
| 3N1 (OOS) | E Math (4052) | Sec 1 : <input type="checkbox"/> Chapter 1 : Factors and Multiples <input type="checkbox"/> Chapter 2 : Real Numbers <input type="checkbox"/> Chapter 3 : Approximation and Estimation <input type="checkbox"/> Chapter 4 : Basic Algebra and Algebraic Manipulations <input type="checkbox"/> Chapter 5 : Simple Equation in One Variable <input type="checkbox"/> Chapter 6 : Angles and Parallel Lines <input type="checkbox"/> Chapter 8 : Ratio, Rate and Speed <input type="checkbox"/> Chapter 9 : Percentages <input type="checkbox"/> Chapter 12 : Perimeter and Area of Plane Figures <input type="checkbox"/> Chapter 13 : Volume and Surface Areas of Prisms & Cylinders Sec 2: <input type="checkbox"/> Chapter 2 Linear Equations In Two Variables <input type="checkbox"/> Chapter 3 Expansion and Factorisation of Algebraic Expressions <input type="checkbox"/> Chapter 4 Algebraic Fractions and Formulae <input type="checkbox"/> Chapter 5 Quadratic Functions, Graphs and Equations <input type="checkbox"/> Chapter 7 Congruence and Similarity <input type="checkbox"/> Chapter 8 Pythagoras' Theorem <input type="checkbox"/> Chapter 9 Trigonometric Ratios <input type="checkbox"/> Chapter 10 Volume and Surface Area of Pyramids, Cones and Spheres Sec 3: | Paper 1 : There will be about 26 short answer questions. Students are required to answer all questions. Paper 2 : There will be 9 to 10 questions of varying marks and lengths. Students are required to answer all questions. | Paper 1: 90 m (50%) Paper 2: 90 m (50%) | Paper 1: 2 h 15 min Paper 2: 2 h 15 min |
| 3N1 - 3N3 | Math (4045) | Sec 1: Chapter 1 – Factors And Multiples Chapter 2 – Real Numbers Chapter 3 – Approximation & Estimation Chapter 4 – Basic Algebra and Algebraic Manipulations Chapter 5 – Simple Equations In One Variable Chapter 7- Ratio, Rate and Speed Chapter 8 - Percentage Chapter 10 – Perimeter and Area of Plane Figures Chapter 11 – Volumes and Surface Areas Of Prisms and Cylinders Sec 2 : Chapter 1 – Linear Equations and Inequalities in One Variable Chapter 2 – Linear Functions and Graphs Chapter 3 – Linear Equations in Two Variables Chapter 4 – Expansion and Factorisation of Algebraic Expressions Chapter 5 – Algebraic Fractions Chapter 8 – Congruence and Similarity Chapter 9 – Pythagoras' Theorem Chapter 10 – Volume and Surface Area of Pyramids, Cones and Spheres Sec 3: | Paper 1 and 2: Questions of varying marks and lengths | Paper 1: 70 m (50%) Paper 2: 70 m (50%) | Paper 1: 2 h Paper 2: 2 h |
| 3N1 | A Math (4051) | Chapter 1: Quadratic Functions Chapter 2: Equations and Inequalities Chapter 3: Surds Chapter 4: Polynomials, Cubic Equations and Partial Fractions Chapter 7: Coordinate Geometry Chapter 9: Trigonometric Functions and Graphs Chapter 10 : Trigonometric Equations and Identities | Questions of varying marks and lengths. Students are required to answer ALL questions | Paper : 70m (100%) | Paper : 1h 45 min |
| 3N1, 3N3 (OOS) | Science (Chemistry) (5086) (Express) | Chapters 1 - 9, 11 | Paper 1: MCQ Paper 3: Structured & Free Response | Paper 1: 40m (23.5%) Paper 3: 65m (38.25%) | Paper 1: 1 h Paper 3: 1 h 15 min |
| 3N1, 3N3 (OOS) | Science (Physics) (5086) (Express) | Chapter 1 - 10, 12 | Paper 1: MCQ Paper 2: Structured & Free Response | Paper 1: 40 m (23.5%) Paper 2: 65 m (38.25%) | Paper 1: 1 h Paper 2: 1 h 15 min |
| 3N1 - 3N3 | Science (Chemistry) (5105) | Chapter 1 - 8, 9.3 | Paper 3: MCQ Paper 4: Structured | Paper 3: 20 m (20%) Paper 4: 30 m (30%) | 1 h 15 min |
| 3N1 - 3N3 | Science (Physics) (5105) | Chapter 1 - 4, 6 - 9 | Paper 1: MCQ Paper 2: Structured | Paper 1: 20 m (20%) Paper 2: 30 m (30%) | 1 h 15 min |

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| Class | Subject & Code | Chapter / Area of Focus | Format | Marks/ % Overall | Duration |
| 3N1 - 3N3 | Social Studies (2125/01) (2126/01) (2127/01) | Issue 1 & 2 Chapter 1 - 6 | Source-Based Case Study (SBCS) & Structured-Response Questions (SRQ) | 50 m | 1 h 45 min |
| 3N3 | Elective Geography (2125/02) | Geography in Everyday Life Tectonics | Structured Questions Essay Questions | 50 m | 1 h 45 min |
| 3N1 - 3N2 | Elective History (2126/02) | Chapter 1 - 5 | Source-Based Case Study (SBCS) & Structured-Essay Questions (SEQ) | 50 m | 1 h 45 min |
| 3N3 | Elective Literature (2127/02) | Kindred Unseen Poetry | Section A: Set Text Section B: Unseen | Section A: 25 m (50%) Section B: 25 m (50%) | 1 h 40 min |
| 3N1 - 3N3 (OOS) | Design & Technology (7059) (Express) | Design Structures Mechanisms Electronics | Paper 1: Written Paper - One case-based question on design content - Three design application questions relating to structures, mechanisms, electronics. Paper 2: Design Project - Planning & Monitoring [4 m] - Formulating design brief and specifications [10 m] - Generating & Developing ideas [14 m] - Sketching to design [6 m] - Using mock-up to design [6 m] - Realising the prototype [12 m] | Paper 1: 80 m (25%) Paper 2: 52 m (60%) | Paper 1: 2 h |
| 3N1 - 3N3 (OOS) | Nutrition & Food Science (6097) (Express) | Chapter 1 - 9 (Except topic on Water) Chapter 11 (Meat, Seafood, Dairy products and eggs) Chapter 12 and 13 | Section A: Multiple Choice Questions [15 m] Section B: Short Answer Type Questions and Data Response Type Questions [55 m] Section C: Open-ended Questions [30 m] | Theory 100 m (40%) Coursework - partial (60%) | 2 h |
| 3N1 - 3N3 | Art (6125) | Drawing and Painting Thematic based on: - Identity - Everyday Observation - Symbolism; Culture - Nature | Preparatory Studies - 5 pieces of A3 size drawing paper Research: Drawings Exploration Drawings Creative Layouts Final Artwork (Day of Exam) - 1 piece of A3 size drawing paper | 100 m (100%) | 3 h |
| 3N1 - 3N3 (OOS) | ESS (6081) (Express) | Written Paper - Biomechanics - Psychology - Motor Learning | Paper 1: Written paper Paper 2: Individual / dual development Log Computer Lab Session Paper 3: Team Practical Activity Performance (Conducted before start of EYE by PE dept) | Paper 1: 40 m (50%) Paper 2: 20 m (25%) Paper 3: 20 m (25%) | Paper 1: 1 h Paper 2: 1h 30 min |