

Secondary 3 (Normal Academic)
End of Year Examination 2024 Assessment Topics and Format

| Class | Stream | Subject and Code | Topics | Format / Written or eSBA | Mark Overall | Duration |
|---------------------|--------|-------------------------------------|---|---|---|---|
| 3B, 3C | NA | English Language 1190 | Grammar & Writing Language Use & Comprehension Listening Comprehension | Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension Paper 3: LC | Paper 1: 70m (35%) Paper 2: 50m (35%) Paper 3: 30m (10%) | Paper 1: 1h 50min Paper 2: 1h 50min Paper 3: about 45min |
| 3B, 3C, (OOS), 3D-H | Exp | English Language 1184 | Grammar & Writing Language Use & Comprehension Listening Comprehension | Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension Paper 3: LC | Paper 1: 70m (35%) Paper 2: 50m (35%) Paper 3: 30m (10%) | Paper 1: 1h 50min Paper 2: 1h 50min Paper 3: about 45min |
| 3B, 3C | NA | Mother Tongue (NA) 1196/ 1197/ 1198 | Writing Language Use & Comprehension Listening Comprehension Reading Aloud & Conversation | Paper 1: Functional Writing & Composition Paper 2: (e-SBA) Vocab, Compre (MCQ/ open-ended) Paper 3: Oral LC (e-LC) | Paper 1: 60m (30%) Paper 2: 60m (30%) Paper 3: 60m (30%) 20m (10%) | Paper 1: 2h 00min Paper 2: 1h 30min Paper 3: ~15min ~30min |
| 3B-3C (OOS) | Exp | Mother Tongue (NA) 1148/ 1157/ 1160 | Writing Language Use & Comprehension Listening Comprehension Reading Aloud & Conversation | Paper 1: Functional Writing & Composition Paper 2: Vocab, Editing, Compre (MCQ/ open-ended) Paper 3: Oral LC | Paper 1: 60m (30%) Paper 2: 70m (35%) Paper 3: 50m (25%) 20m (10%) | Paper 1: 2h 00min Paper 2: 1h 30min Paper 3: ~15min ~30min |

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|-------------|--------|-----------------------------|--|--|---|---|
| 3B-3C | NA | Elementary Mathematics 4045 | <p><u>Secondary 1 Topics</u></p> <ul style="list-style-type: none"> • Chp 1 Primes, HCF & LCM • Chp 4 Basic Algebra & Algebraic Manipulation • Chp 5 Linear Equations • Chp 6 Linear Functions & Graphs • Chp 7 Number Patterns • Chp 8 Percentage • Chp 9 Ratio & Rate • Chp 10 Basic Geometry • Chp 12 Perimeter & Areas of Plane Figures • Chp 13 Volume & Surface Area of Prisms & Cylinders • Chp 14 Statistical Data Handling <p><u>Secondary 2 Topics</u></p> <ul style="list-style-type: none"> • Chp 1 Linear Graphs & Simultaneous Linear Equations • Chp 2 Linear Inequalities • Chp 3 Expansion and Factorisation of Algebraic Expressions • Chp 4 Expansion and Factorisation using Special Algebraic Identities • Chp 5 Quadratic Equations and Graphs • Chp 6 Algebraic Fractions and Formulae • Chp 7 Direct and Inverse Proportions • Chp 9 Pythagoras' Theorem • Chp 10 Trigonometric Ratios • Chp 11 Volume and Surface Area of Pyramids, Cones and Spheres <p><u>Secondary 3 Topics</u></p> <ul style="list-style-type: none"> • Chp 1 Algebraic Expressions and Formulae • Chp 2 Quadratic Equations and Graphs • Chp 3 Indices and Standard Form • Chp 4 Coordinate Geometry • Chp 5 Graphs of Functions and Graphical Solution • Chp 6 Trigonometry • Chp 7 Further Trigonometry | <p>Paper 1</p> <ul style="list-style-type: none"> • There will be about 20 to 25 short answer questions. <p>Paper 2</p> <ul style="list-style-type: none"> • 9 to 12 questions of varying marks & lengths. | <p>Paper 1: 70m (50%)</p> <p>Paper 2: 70m (50%)</p> | <p>Paper 1: 2h 00min</p> <p>Paper 2: 2h 00min</p> |
| 3B&3C (OOS) | Exp | Math 4048 | <p><u>Secondary 1&2 Topics: All</u></p> <p><u>Secondary 3 Topics</u></p> <ul style="list-style-type: none"> • Chp 1 Quadratic and Fractional Equations • Chp 2 Simultaneous Linear Inequalities • Chp 3 Indices and Standard Form • Chp 4 Coordinate Geometry • Chp 5 Graphs of Functions and Graphical Solution • Chp 6 Further Trigonometry • Chp 7 Applications of Trigonometry • Chp 8 Arc Length, Area of Sector & Radian Measure • Chp 9 Congruence and Similarity Tests • Chp 10 Area & Volume of Similar Figures and Solids | <p>Paper 1</p> <ul style="list-style-type: none"> • 20 to 25 questions of varying marks & lengths. <p>Paper 2</p> <ul style="list-style-type: none"> • 9 to 10 questions of varying marks & lengths. | <p>Paper 1: 90m (50%)</p> <p>Paper 2: 90m (50%)</p> | <p>Paper 1: 2h 15min</p> <p>Paper 2: 2h 15min</p> |

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| 3B, 3C | NA | Additional Math 4051 | Secondary 3 Topics <ul style="list-style-type: none"> • Chp 1 Quadratic Equations • Chp 2 Equations & Inequalities • Chp 3 Surds • Chp 4 Polynomial & Partial Fractions • Chp 7 Coordinate Geometry • Chp 8 Circles • Chp 10 Trigonometric Functions • Chp 11 Trigonometric Identities & Equations | Paper 1: • 9 to 15 questions of varying marks & lengths. | Paper 1: 70 marks (100%) | Paper 1: 1h 45min |
| 3A, 3B, 3C | NA | Science (Biology) 5107 | <ol style="list-style-type: none"> 1. Cell structure and organisation 2. Movement of substances 3. Biological molecules and enzymes 4. Nutrition in humans 5. Transport in humans | Section A : 20 MCQ Section B : structured questions Section C: free response questions | Section A: 20m Section B: 22m Section C: 8m | 1h 15min |
| 3B, 3C | NA | Science (Physics) 5105 | Chap 1. Physical Quantities, Units and Measurement Chap 2. Kinematics Chap 3. Force and Pressure Chap 4. Dynamics Chap 6. Energy Chap 7. Kinetic Particle Model of Matter Chap 9. General Wave Properties I: Introduction Chap 11. Electromagnetic Waves | Section A: 20 MCQ Section B : structured questions Section C: free response questions | Section A: 20m Section B: 22m Section C: 8m | 1h 15min |
| 3A, 3B, 3C | NA | Science (Chemistry) 5105 / 5107 | <ol style="list-style-type: none"> 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 | Section A : 20 MCQ Section B : structured questions Section C: free response questions | Section A: 20m Section B: 14m Section C: 16m | 1h 15 min |

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|--------------------|--------|-------------------------------|--|---|--|--|
| 3B, 3C, 3G, 3H | Exp | Science (Biology) 5088 | 1. Cell Structure and Organisation 2. Movement of Substances 3. Biological Molecules (include Enzymes) 4. Nutrition in Humans 5. Transport in Humans 6. Respiration 7. Infectious Diseases 8. Nutrition in Flowering Plants | Section A: 15 MCQ Section B: Structured Questions Section C: Long Structured Questions | Section A: 15m Section B: 45m Section C: 10m | 1h 30 min |
| 3B, 3F, 3G | Exp | Science (Physics) 5086 | Chap 1. Physical Quantities, Units and Measurement Chap 2. Kinematics Chap 3. Force and Pressure Chap 4. Dynamics Chap 6. Energy Chap 9 General Wave Properties: Introduction Chap 10 General Wave Properties: Sound Chap 11 Electromagnetic Waves Chap 12 Light | Section A: 15 MCQ Section B: Structured Questions Section C: Long Structured Questions | Section A: 15m Section B: 45m Section C: 10m | 1h 30min |
| 3B, 3C, 3F, 3G, 3H | Exp | Science (Chemistry) 5076/5078 | 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. Qualitative Analysis | Section A: 15 MCQ Section B: Structured Questions Section C: Long Structured Questions | Section A: 15m Section B: 45m Section C: 10m | 1h 30min |
| 3B, 3C | NA | Literature 2022/01 & 2022/02 | Paper 1: How we live now: 1. LIVE! At the Wet Market 2. The Thing 3. Close to Home 4. Letters 5. Painting the tiger Poetry (Unseen Poems) Paper 2 Romeo and Juliet (Act 1-3) | Paper 1: Prose and Unseen poetry Paper 2: Drama | Paper 1: 50m (50%) Paper 2: 50m (50%) | Paper 1: 1h 40min Paper 2: 1h 30min |

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|--------|--------|---|---|---|--|--|
| 3B, 3C | NA | Humanities (Social Studies) 2125/01 & 2126/01 | Skills tested in Section A: Drawing inference, comparison, evaluating reliability and evaluating given assertion Content tested for Section B: Chapters 1-6 | Section A: Source-Based Case Study Section B: Structured-Response Questions | Section A: 30m Section B: 15m | 1h 45 min |
| 3B, 3C | NA | Humanities (Geography) 2125/02 | Question 1 and 2: Geography in Everyday Life Topic 1: Thinking Geographically Topic 2: Sustainable Development Topic 3: Geographical Methods Question 3: Tectonics Topic 1.1 Plate tectonic Theory | Qn 1 and 2: Structured Questions Qn 3: Structured Questions | Section A: 35m Section B: 5m | 1h 25min |
| 3B, 3C | NA | Humanities (History) 2126/02 | Content: Chapters 1,2,4,5 SBQ Skills: Inference (includes Message & Purpose), Comparison, Reliability and Assertion | Section A: Source-Based Case Study Section B: Structured-Essay Questions | Section A: 25m Section B: 20m | 1h 50min |
| 3B | NA | Art 6125 | Paper 1: Project work (Mixed Media) Paper 2: Choose 1 of 6 themes to respond to - Preparatory studies - 3 pieces of A3 paper (may use both sides of paper) - Final artwork - 1 piece of A3 paper (executed on day of exam) | Paper 1: Coursework Paper 2: Drawing and Painting Paper | Paper 1: 60% Paper 2: 40% | Paper 1: Project work Paper 2: 3h 00min |