

**GR. 12 MATHEMATICS 2021 TEST and EXAMINATION SCOPE/GUIDELINES**

| <b>MARCH TEST</b>   | <b>TERM 2 TEST</b>                                       | <b>TRIAL EXAMINATION</b>                              |
|---|--|---|
| <b>ONLY ONE PAPER</b>   | <b>ONLY ONE PAPER</b>                                    | <b>PAPER 1:</b>                                       |
| DURATION: <b>2 hours</b>  | DURATION: <b>2 hours 30 minutes</b>                      | DURATION: <b>3 hours</b>                              |
| TOTAL MARKS: <b>100</b>   | TOTAL MARKS: <b>125</b>                                  | TOTAL MARKS: <b>150</b>                               |
| This paper will consist of the following sections:  | This paper will consist of the following sections:       | This paper will consist of the following sections:    |
| <b>Number patterns</b> 25±3 marks   | <b>Trigonometry</b> (2D/3D problems) 8±3 marks           | <b>Algebra, Equations and Inequalities</b> 25±3 marks |
| <b>Euclidean Geometry</b><br>(Include Examinable proofs of Theorems) 37±3 marks   | <b>Analytical Geometry</b> 38±3 marks                    | <b>Patterns and Sequences</b> 25±3 marks              |
| <b>Trigonometry:</b><br>All topics will be included (e.g. sketches, reduction formulae, identities, equations and graphs), <b>except</b> 2D/3D problems. 38±3 marks | <b>Functions and Graphs</b> 35±3 marks                   | <b>Finance, Growth and Decay</b> 15±3 marks           |
|   | <b>Differential Calculus</b> 35±3 marks                  | <b>Functions and Graphs</b> 35±3 marks                |
|   | <b>Finance, Growth and Decay (From Gr. 11)</b> 9±3 marks | <b>Differential Calculus</b> 35±3 marks               |
|   |  | <b>Probability</b> 15±3 marks                         |
|   |  | <b>PAPER 2:</b>                                       |
|   |  | DURATION: <b>3 hours</b>                              |
|   |  | TOTAL MARKS: <b>150</b>                               |
|   |  | This paper will consist of the following sections:    |
|   |  | <b>Statistics</b> 20±3 marks                          |
|   |  | <b>Analytical Geometry</b> 40±3 marks                 |
|   |  | <b>Trigonometry</b> 50±3 marks                        |
|   |  | <b>Euclidean Geometry</b> 40±3 marks                  |