Year 11 Standard Mathematics

Yearly Examination 2023

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| **TOPICS**: **ALL PRELIMINARY TOPICS** | **MARKS:** 80  |
| **SUBMISSION REQUIREMENTS:** Examination to be completed in **Exam Week Monday September 18th** | **WEIGHTING:**   4**0 %**  |
| **OUTCOMES TO BE ASSESSED:****MS11-1 Uses** algebraic and graphical techniques to compare alternative to contextual problems**MS11-2** Represents information in symbolic, graphical and tabular form**MS11-3 Solves** problems involving quantity measurement, including accuracy and the choice of relevant units**MS11-4** Performs **calculations** in relation to two-dimensional figures**MS11-5 Models** relevant financial situations using appropriate tools**MS11-6** Makes predictions about everyday situations based on mathematical models**MS11-7** Develops and carries out simple statistical **processes** to answer questions posed**MS11-8 Solves** probability problems involving multistage events**Directional Verbs****Uses** - Take, hold, or deploy as a means of accomplishing or achieving **Solve** - Find an answer to, explanation for, or means of effectively dealing with**Model** - Simplified description of a system or process to assist calculations and predictions**Calculate -** Ascertain/determine from given facts, figures or information **Processes-** a series of actions or steps taken in order to achieve a particular end |
| **TASK DESCRIPTION:**Exam consisting of:Section 1- 10 marks multiple choiceSection 2 – 70 marks short answer calculationsThe exam will be completed in **Exam Week Monday September 18th**Equipment required:**NESA approved Calculator - Ruler - Pen - Pencil - Eraser**You are encouraged to revise the following topics learnt in class.

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| **Earning and Managing Money** | **Formulae and Equations** | **Measurement and Energy** |
| **Perimeter, Area and Volume** | **Classifying and Representing Data** | **Linear Relationships** |
| **Relative Frequency and Probability** | **Interest and Depreciation** | **Summary Statistics** |
|  | **Working with Time** |  |

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