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 choice  Section 2 – 70 marks short answer calculations  The 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.   |  |  |  | | --- | --- | --- | | **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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