

GENERAL MATHEMATICS**ASSESSMENT TASK****DATE: Wed 4th March, 2009****TIME ALLOWED: 60 minutes****ASSESSMENT WEIGHTING: 10%****BOARD OF STUDIES OUTCOMES ADDRESSED:****P1 Develops a positive attitude to mathematics and appreciates it's capacity to provide enjoyment and recreation****P2 Applies mathematical knowledge and skills to solving problems within familiar concepts**

P3 Develops rules to represent patterns arising from numerical and other sources

P4 Represents information in symbolic, graphical and tabular form.

P5 Represents the relationship between changing quantities in algebraic and graphical form

P6 Performs calculations in relation to 2D and 3D figures

P7 Determines the degree of accuracy of measurements and calculations

P8 Models financial situations using appropriate tools

P9 Determines an appropriate form of organisation and representation of collected data

P10 Performs simple calculations in the relation to the likelihood of familiar events**P11 Justifies his/her response to a given problem using appropriate mathematical terminology****ASSESSMENT CRITERIA:****Topic :** Earning Money

In this task you will be assessed on your ability to:

- Calculate monthly, fortnightly, weekly and hourly rates of pay
- Calculate wages incorporating hourly rates, penalty rates such as overtime and special allowances.
- Calculate annual leave loading
- Calculate earnings based on commission, piecework and royalties
- Calculate income based on government allowances
- Determination deductions such as union fees, superannuation contributions, health fund instalments and tax instalments.
- Calculate and compare cost associated with maintaining accounts with financial institutions.
- Calculate net pay following deductions
- Create and manage budgets
- Read information from household bills

INSTRUCTIONS:

- This task will be completed in class
- Approved calculators may be used
- Show all necessary working. Marks will not be given for answers where working is required.
- Answers to be completed on the assessment paper

NOTE:**Students who do not achieve the outcome (< 40%) in this assessment task will receive an official warning 'Non – Completion' of the Preliminary course.****Students will be required to resit the task within 7 days.****Students will be given 2 further opportunities (supervised in their own time) to achieve the required outcome.****Failure to achieve the required outcome may result in the student receiving an 'N' determination in Mathematics.**