



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Mathematics Standard 1 Year: 12

Assessment Task: 3

Assessment Weighting: 20% Due: Term 2 Week 6 Date: 3/06/2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)
MS1-12-3, MS1-12-4, MS1-12-5, MS1-12-2, MS1-12-9, MS1-12-10 Please Note: Further information related to these codes can be found on the NESA website
Task Description/Overview
Examination will be a written test and will consist of multiple choice and short answer questions. Time allowed: 1 hour 15 minutes plus 10 minutes reading time. A reference sheet will be provided. Equipment required: Black pen, NESA approved calculator, ruler.
Detailed Assessment Task Description
Topics to be assessed will be: * Statistical Analysis Examination questions may require students to: understand and use the statistical investigation process: identifying a problem and posing a statistical question, collecting or obtaining data, representing and analysing that data, then communicating and interpreting findings; exploring and describing data arising from two quantitative variables, including the use of scatterplots and line of best fits. * Investment Examination questions may require students to: calculate and compare the value of different types of investments over a period of time. Involving the use of the compound and simple interest formulae and solve practical problems involving compounding, for example determine the impact of inflation on prices and wages or calculate the appreciated value of items, for example, antiques. * Right-Angled Triangles Examination questions may require students to: solve problems involving right-angled triangles in a range of practical contexts using Pythagoras' theorem and basic trigonometric ratios, including practical problems involving angles of elevation and depression and bearings.

Test/Examination Structure	
Section Description	Marks Available
Section 1: 10 Multiple choice questions (10 marks)	10
Section 2: Short answer questions (40 marks)	
Statistics	10
Investment	15
Right-angled Triangles	15
Total Marks for this task	50

Satisfactory completion of courses

A course has been satisfactorily completed, when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes