

MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2023

Stage 5 MATHEMATICS

D Gouvoussis

R Singleton



Task Number: 4

Notification Date: Wednesday 18/10/2023 Week 2, Term 4

Weight: 25%

Due Date: Term 4 Week 4, as per examination timetable

YEARLY EXAMINATION

OUTCOMES ASSESSED

- **MA5.1-3WM** provides reasoning to support conclusions that are appropriate to the context.
- **MA4-4NA** compares, orders, and calculates with integers, applying a range of strategies to aid computation.
- **MA4-8NA** generalises number properties to operate with algebraic expression.
- **MA5.1-13SP** calculates relative frequencies to estimate probabilities of simple and compound events.
- **MA4-17MG** classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles.
- **MA5.1-4NA** solves financial problems involving earning, spending and investing money.
- **MA5.1-10MG** applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression.
- **MA5.2-3WM** constructs arguments to prove and justify results.
- **MA5.2-6NA** simplifies algebraic fractions and expands and factorises quadratic expressions.
- **MA5.2-7NA** applies index laws to operate with algebraic expressions involving integer indices.
- **MA5.2-8NA** solves linear and simple quadratic equations, linear inequalities, and linear simultaneous equations, using analytical and graphical techniques.

TASK DESCRIPTION

Students will sit a 1 hour and 30 minute examination (with 5 minutes reading time) consisting of 4 sections:

Common Sections 1-4

This section will examine students Basic Number Skills, Basic Algebra Skills, Basic Probability Skills and Basic Geometry

Class Section: 5-6 Assesses Specific Content

Stage 5A1 and Stage 5AA

Classes will be assessed on the topics of Earning Money and Right-Angled Trigonometry

Stage 5 AE

Will be assessed on the topics of Index Laws and Simultaneous Equations

TASK INSTRUCTIONS

- Students will need to bring a pen, pencil, eraser, and calculator.
- Students will be provided with an Examination Formula Reference sheet as part of the examination paper for use during the task.
- All writing paper will be supplied.
- Marks will be allocated against each question on the paper.

MARKING GUIDELINES

- Marks will be allocated to individual questions as indicated on the test paper.
- Multiple choice will be allocated one mark each.

Task Mark	
Task Rank	
Cumulative Rank	

Teacher's signature: _____

D Gouvoussis

Teacher's signature: _____

R Singleton

Head Teacher's signature: _____

A Nott

Deputy Principal's Signature: _____

A Lawrence