

**GRADE 10 Mathematical Literacy**

SCOPE – MARCH TEST 2017

PAPER One Paper

DURATION OF THE PAPER 1½ hour

TOTAL MARKS 75 Marks

EXPECTED WORK COVERAGE/TOPICS

**Topic:** Numbers and calculations with numbers

Sections: Number formats and conventions, operations on numbers and calculator skills, rounding, ratios, proportions, rates, and percentages.

**Topic:** Patterns, relationships and representations

Sections: Making sense of graphs that tell a story, patterns and relationships, representations of relationships in tables, equations and graphs

**Topic:** Measurement

Sections: Conversions, time

**Topic:** Finance

Sections: Financial Documents, Tariff systems

## **GRADE 11 Mathematical Literacy**

SCOPE – MARCH TEST 2017

PAPER One Paper

DURATION OF THE PAPER 2 hours

TOTAL MARKS 100 Marks

WORK COVERAGE/TOPICS

**Topic:** Patterns, relationships and representations

- Patterns and relationships
- Representations of relationships in tables, equations and graphs
- Draw and interpret/analyse two graphs on the same set of axes
- Compare representations of two relationships

**Topic:** Measurement

- Conversions (including metric to imperial system, solid to liquid, temperature)
- Time

**Topic:** Finance

- Financial Documents
- Tariff systems

## **GRADE 12 Mathematical Literacy**

SCOPE – MARCH TEST 2017

PAPER One Paper

DURATION OF THE PAPER 2 hours

TOTAL MARKS 100 Marks

WORK COVERAGE/TOPICS

**Topic:** Measurement

- Conversions
- Time

**Topic:** Finance

- Financial Documents
- Taxation
- Tariff systems
- Income, expenditure, profit/loss, income-and-expenditure statements and budgets
- Cost and selling price
- Break-even analysis
- Interest
- Banking, Loans and Investments (Loans and investments)
- Inflation

**Topic:** Data Handling