



MATHEMATICAL LITERACY COMMON TESTING GUIDE & SCOPE – 2021

NB: This scope must be used in conjunction with CAPS; Abridged Section 4 amendments of CAPS; the 2021 Recovery ATP and Examination Guidelines.

TERM 1 - CONTROL TEST

GRADE	10
PAPER	One Paper
DURATION OF THE PAPER	1½ hours
TOTAL MARKS	75 Marks

EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS

TOPIC: NUMBERS AND CALCULATIONS WITH NUMBER

- Number formats and conventions.
- Operations on whole numbers, decimals and fractions, calculator skills
- Rounding.
- Ratios.
- Proportions.
- Rates.
- Percentages.

WEEKS 1 TO 4

TOPIC: PATTERNS, RELATIONSHIPS AND REPRESENTATIONS

- Patterns and relationships.
- Pattern and relationship representations
- Interpretation of tables and graphs
- Making sense of graphs that tell a story.
- Write a story from a graph or draw a graph from a story

WEEKS 5 TO 7

TOPIC: DATA HANDLING

- Developing questions, collecting data, classifying and organizing data.
- Summarising data: Mean, Median, Mode and Range
- Analysing data

WEEKS 8 TO 9

TERM 2 - CONTROL TEST

GRADE	10
PAPER	One Paper
DURATION OF THE PAPER	1½ hours
TOTAL MARKS	75 Marks

EXPECTED CURRICULUM COVERAGE/TOPICS/SECTIONS

All topics completed in term 2 will be tested.

TOPIC : FINANCE

- Financial documents: households bills, shopping slips, Banking documents, household budget
- Terminology used in financial documents
- Tariff systems: municipal, telephone, transport and bank fees
- Calculate cost using tariff and /or formulae
- Draw and interpret graphs of various tariff systems

WEEKS 1 AND 2

Scope For Grade 10 Pure Maths November

Yijin Wang



Scope For Grade 10 Pure Maths November:

The New Statesman ,1929 **The A.M.A.** ,1952 New Statesman ,1947 **New Statesman and Nation** ,1955
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Appleby,Robert Letal,Greg Ranieri,2004

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fiber involves the following a converting electrical signal to optical signal at the transmitter b transmission of optical signal to the cable

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web for creating long haul communication link it is necessary to join one fiber to other fibers permanently for this purpose optical splicing techniques are used to join different fibers optical coupler beam splitter

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solution the optical fiber consists of three main elements 1 transmitter an electric signal is applied to the optical transmitter
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light wave system communication systems that use high carrier frequencies in the near ir region of visible spectrum are
called optical communication systems or general light wave systems

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web basic elements of a fiber optic communication system for gigabits and beyond gigabits transmission of data fiber optic
communication is the ideal choice this type of communication is used to transmit voice video telemetry and data over long
distances and local area networks or computer networks a fiber optic communication system

