

MAY/JUNE 2023!



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REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE EXAMINATIONS
NATIONAL SENIOR CERTIFICATE EXAMINATIONS

MATHEMATICS P1

MAY/JUNE 2023

MARKS: 100

TIME: 1 hour



QUESTION 1

1.1 Solve for x .

1.1.1 $x^2 + 3x + 10 = 0$

1.1.2 $3x^2 + 5x + 1 = 0$ (answer in TWO decimal places)

1.1.3 $3^{2x} + 2^x = 0,004$

1.1.4 $6x + 0,04x + 1 = 0$

1.1.5 $x = \sqrt{4x + 3} + 1$

1.2 A rectangle having sides of $(x + 3)$ metres and $(x + 2)$ metres has a perimeter of 24 metres and an area of 10 square metres. Calculate the values of x and y .

1.3 Show that $\frac{1}{2}(x^m + x^n)^2 - \frac{1}{2}(x^m - x^n)^2$ is divisible by 2 for all real values of m and n .

Maths Paper 1 Grade 12 June 2011

Michal Rosen-Zvi



Maths Paper 1 Grade 12 June 2011:

Unveiling the Magic of Words: A Report on "**Maths Paper 1 Grade 12 June 2011**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their capability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Maths Paper 1 Grade 12 June 2011**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

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