

TAPGRADE EXAMINATION TRIAL 1 2023 FORM 4

Kenya Certificate of Secondary Education (K.C.S.E.)

MATHEMATICS P2 MARKING SCHEME 2023

1.	$\frac{(\sqrt{2} + \sqrt{3})(\sqrt{6} + \sqrt{3})}{(\sqrt{6} - \sqrt{3})(\sqrt{6} + \sqrt{3})}$ $\frac{\sqrt{12} + \sqrt{6} + \sqrt{18} + 3}{6 - 3}$ $\frac{2\sqrt{3} + \sqrt{6} + 3\sqrt{2} + 3}{3}$	M ₂ M ₂ A ₁
2.	$3(2x-1) = 8x-1$ $6x-3 = 8x-1$ $-2x = 2$ $x = -1$	M ₂ A ₁
3.	$A = P \left[1 + \frac{r}{100} \right]^n$ $= 200,000 \left[1 + \frac{7}{100} \right]^4$ $= 200,000 (1.3107960)$ $= \text{Sh. } 262159.20$ $I = 262159.20 - 200000 = \text{Sh. } 62,159$	M ₂ A ₁ B ₁
4.	$12^{\text{th}} \text{ term} = ar^{11}$ $10^{\text{th}} \text{ term} = ar^9$ $\frac{ar^{11}}{ar^9} = \frac{9}{1}$ $r^{11-9} = 9$ $r^2 = 9$ $r = \pm 3$ $r = 3 \text{ or } -3$	M ₂ A ₁
5. 7	$(2 - \frac{1}{4}x)^5 = 2^5 + (2^4)(5)(\frac{1}{4}x)^2 +$ $10(2^3)(\frac{1}{4}x)^3 + 5(2)(\frac{1}{4}x)^4 + (\frac{1}{4}x)^5$ $= 32 - 20x + 5x^2 - \frac{5}{16}x^3 + \frac{5}{128}x^4 - \frac{1}{1024}x^5$	B ₁

May 2013 P2 Marking Scheme

S Ben Porath



May 2013 P2 Marking Scheme:

May 2013 P2 Marking Scheme Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**May 2013 P2 Marking Scheme**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

<https://splashdogs.com/files/browse/index.jsp/Katy%20In%20Control.pdf>

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