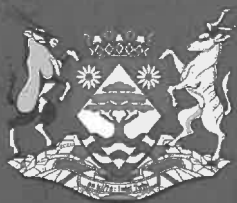




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DEPARTMENT OF EDUCATION

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Date: 10 September 2021

ERRATA/ERRATUM

PREPARATORY EXAMINATION: SEPTEMBER 2021
VOORBEREIDENDE EKSAMEN: SEPTEMBER 2021

SUBJECT/VAK: MATHEMATICS/WISKUNDE

PAPER/VRAESTEL: 1

DATE OF EXAMINATION/
DATUM VAN EKSAMEN: Friday 10 September 2021
Vrydag 10 September 2021

SESSION/SESSIE: 9:00—12:00

ATTENTION/AANDAG: CHIEF INVIGILATOR/HOOFTOESIGHOUER

MARKING GUIDELINES

4.5	$y = 6x + k$ $f(x) = -x^2 + 4x + 5$ $f'(x) = -2x + 4$ $6 = -2x + 4$ $2 = -2x$ $x = -1$ $y = -(-1)^2 + 4(-1) + 5$ $y = 0$ $\therefore P(-1;0)$	✓derivative ✓ $6 = -2x + 4$ ✓ x -value ✓ y -value (4)
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1. With regards to question 4.5:

The point P can be anywhere on the graph, even any given point.

Na aanleiding van 4.5:

Die punt P kan enige plek op die grafiek wees, ook enige bestaande punt.

2. The format $f(x).g'(x) > 0$ is the right notation for derivative of g . *Also see 7.1*
3. Die formaat $f(x).g'(x) > 0$ is die korrekte notasie vir die afgeleide van g . *Sien ook 7.1*



MAUREEN GAOSEKWE

ACTING DIRECTOR: EXAMINATIONS AND ASSESSMENT