# ADDENDUM

TECHNICAL MATHEMATICS/TEGNIESE WISKUNDE

Prelimanary Examination / Voorbereidende Eksamen

Paper / Vraestel 2 11 September 2023

FINAL MARKING GUIDELINES (ADDITIONAL NOTES)

FINALE NASIENRIGL YNE (ADDISIONELE NOTAS)

| ITEM | DESCRIPTION/BESKRWING | |
|---|---|---|
| NPU and NPR is valid for all questions where applicable.<br>*NPU en NPR is geldig op alle vrae waar van toepassing.* | | |
| 2.1.2 | If a learner gets to $3x + 4y = -25$ we will not penalise the learner. Please look at the mark allocation.<br>*Indien die leerder uitkom by* $3x + 4y = -25$ *moet die leerder nie gepenaliseer word nie. Kyk na die punte toekenning.* | |
| 2.1.3 | If the learner used $3x + 4y = 25$ for this question, please mark according to this mark allocation.<br>*Indien die leerder* $3x + 4y = 25$ *gebruik het om die vraag te doen, merk asseblief volgens die volgende punte toekenning.* | |
| | $3x + 4y = 25\ldots$ ①<br>$4x - 3y = 25\ldots$ ②<br>①× 4 $12x + 16y = 100$ ... ③<br>②× 3 $12x - 9y = 75\ldots$ ④<br>③-④ $25y = 25$<br>$y = 1$<br>$x = 7$<br>∴ R(7; 1) | ✓ $12x + 16y = 100$ CA<br>✓ $12x - 9y = 75$ CA<br>✓ $25y = 25$ CA<br>✓ $y = 1$ CA<br>✓ $x = 7$ CA |
| 5.3 | If a learner only writes 90° and 270° award full marks.<br>*Indien die leerders slegs* 90° en 270° skryf, gee vol punte. | |
| 9.1.3 | If a learner simplifies incorrect and does not get a quadratic equation, you can still CA the answer for a maximum of $\frac{2}{4}$.<br>*Indien die leerder verkeerd vereenvoudig en nie 'n kwadratiese vergelyking kry nie, kan jy nogsteeds die antwoord CA vir 'n maksimum van* $\frac{2}{4}$. | |

| DATE APPROVED/DATUM GOEDGEKEUR | | 11 SEPTEMBER 2023 | |
|---|---|---|---|
| EXTERNAL/EKSTERNE MODERATORS/E | | INTERNAL /INTERNE MODERATORS/E | |
| Name | Signature | Name | Signature |
| I CASSIM | I. Cassim | HJ Swart | |