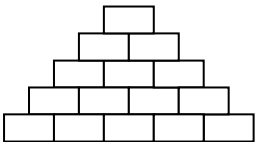
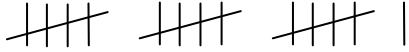
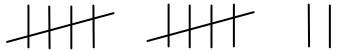
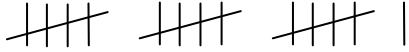
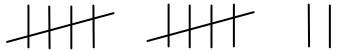
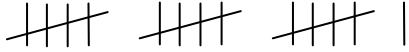
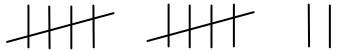


Algemene nota i.v.m. die merk van die vraestelle:

1. Gee slegs volpunte vir die antwoorde tensy anders vermeld.
2. Aanvaar enige ander korrekte oplossing wat nie in hierdie memorandum ingesluit is nie.

| Vraag |     | Verwagte antwoord  | Punte |
|-------|-----|--|-------|
| 1.    | 1.1 | 120  | 1     |
|       | 1.2 | 19   | 1     |
|       | 1.3 | 3<br>5<br>1  | 1     |
| 2.    |     | 7, 025 ✓   | 1     |
| 3.    |     | 4 283 164  | 1     |
| 4.    | 4.1 | 3 of drie of 3E  | 1     |
|       | 4.2 | 3 000 of drie duisend of 3D  | 1     |
| 5.    |     | 1; 2; 3; 4; 6; 8; 12; 24<br>Nota: Alle faktore moet gelys word vir 2 punte. Een punt vir enige 4 regte faktore. Indien enige vier korrekte faktore gelys is, gee 1 punt. | 2     |
| 6.    | 6.1 | 4 600  | 1     |
|       | 6.2 | 5000   | 1     |
| 7.    |     | <div style="text-align: center;">             ✓          ✓<br/> <math>\frac{10}{100} \times 180 = 18</math> </div> Volpunte vir regte antwoord neergeskryf.              | 2     |
| 8.    | 8.1 | 10 372<br>✓ Regte Metode    ✓ Akkurate antwoord  | 2     |
|       | 8.2 | 2 553<br>✓ Regte Metode    ✓ Akkurate antwoord   | 2     |
|       | 8.3 | 98 969   | 1     |
|       | 8.4 | 141 302  | 1     |
|       | 8.5 | 165<br>✓ Regte Metode    ✓ Akkurate antwoord   | 2     |
|       | 8.6 | $2010 \times (20 + 4) = (2010 \times 10 \times 2) + (2010 \times 4) = 40200 + 8040 = 48240$<br>Nota: aanvaar enige korrekte vermenigvuldigingsmetode                     | 4     |
| 9.    | 9.1 | $197 + 70 \div 5 = 197 + 14 = 211$<br>Volpunte vir regte antwoord neergeskryf.   | 3     |
|       | 9.2 | 53,60<br>Nota: regte getalle en desimale plek.<br>Vir vekeerde syfers – geen punte.  | 2     |

|     |      |  |   |   |
|-----|------|--|---|---|
| 10. | 10.1 | $\frac{83}{10} - \frac{21}{5} = \frac{83 - 42}{10} = \frac{41}{10} = 4\frac{1}{10}$  | Nota: 1 punt vir korrekte KGV.  | 4 |
|     | 10.2 | $\frac{11}{2} + \frac{25}{8} + \frac{3}{4} = \frac{44 + 25 + 6}{8} = \frac{75}{8} = 9\frac{3}{8}$  | Nota: 1 punt vir korrekte KGV.  | 4 |
| 11. |      | Number of litres = $90 \div 10 \times 2 = 18$ litres   |   | 3 |
| 12. |      | $330 \div 11 = 30$<br>Koste van 6 kopieë = $30 \times 6 = R180$  | Volpunte vir regte antwoord neergeskryf.  | 3 |
| 13. |      | $12 \times 2 - 3 = 21$   |   | 2 |
| 14. |      | 53   |   | 1 |
| 15. |      | 35   |   | 1 |
| 16. |      |  <p>Nota: Gee 1 punt as slegs 5 rye blokke volgens dieselfde patroon geteken is (b.v. pyramide) en gee 1 punt as die korrekte getal blokke in elke ry geteken is.</p> |   | 2 |
| 17. |      | 10 (4 enkel $\Delta$ 'e + 3 dubbel $\Delta$ 'e + 2 trippel $\Delta$ 'e + 1 viervoudig $\Delta$ 'e)   | Nota: 1 punt as antwoord 'n getal 4 tot 9 insluit.                                  | 2 |
| 18. | 18.1 | vierkant; rombus   | Nota: Aanvaar enige een van die twee.   | 1 |
|     | 18.2 | Reghoek ; parallelogram  | Nota: Aanvaar enige een van die twee; asook vierkant; rombus as korrekte antwoorde. | 1 |
| 19. | 19.1 | 6  |   | 1 |
|     | 19.2 | 4  |   | 1 |
|     | 19.3 | 24   |   | 1 |
| 20. | 20.1 | silinder   |   | 1 |
|     | 20.2 | Reghoekige prisma  |   | 1 |
|     | 20.3 | Heksagoon (seshoek)  |   | 1 |
|     | 20.4 | Pentagoon (vyfhoek)  |   | 1 |
| 21. | 21.1 | 5 ure 40 minute  |   | 2 |
|     | 21.2 | b. of 20   |   | 1 |

| 22.        | 22.1   |  |        |          | 2  |        |      |  |    |            |   |    |  |  |
|------------|--|--|--------|----------|----|--------|------|--|----|------------|---|----|--|--|
|            | 22.2   | <table><tr><th>Dier</th><th>Telmerke</th><th>Totaal</th></tr><tr><td>Leeu</td><td></td><td>16</td></tr><tr><td>Kameelperd</td><td></td><td>12</td></tr></table> | Dier   | Telmerke |    | Totaal | Leeu |  | 16 | Kameelperd |  | 12 |  |  |
|            | Dier   | Telmerke   | Totaal |          |    |        |      |  |    |            |   |    |  |  |
| Leeu       |  | 16   |        |          |    |        |      |  |    |            |   |    |  |  |
| Kameelperd |   | 12   |        |          |    |        |      |  |    |            |   |    |  |  |
|            |  |  |        |          |    |        |      |  |    |            |   |    |  |  |
| 23.        | 23.1   | 2 : 3 of $\frac{2}{3}$ ✓ regte syfers ✓ korrekte notasie   |        |          | 2  |        |      |  |    |            |   |    |  |  |
|            | 23.2   | 4 uit 12 ✓ of 1 uit 3 ✓  |        |          | 2  |        |      |  |    |            |   |    |  |  |
|            | 23.3   | b. of moontlik   |        |          | 1  |        |      |  |    |            |   |    |  |  |
| 24.        | 24.1   | 7  |        |          | 1  |        |      |  |    |            |   |    |  |  |
|            | 24.2   | 6  |        |          | 1  |        |      |  |    |            |   |    |  |  |
| 25.        | 25.1   | 90   |        |          | 1  |        |      |  |    |            |   |    |  |  |
|            | 25.2   | 60   |        |          | 1  |        |      |  |    |            |   |    |  |  |
| Totaal     |  |  |        |          | 75 |        |      |  |    |            |   |    |  |  |