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PREPARATORY EXAMINATION

GRADE 12

MATHEMATICAL LITERACY P1

SEPTEMBER 2022

MARKS: 150

ADDENDUM

This addendum consists of 4 pages with 3 annexures.

ANNEXURE A

QUESTION 2.1

TABLE 2: INCOME OF DOMESTIC WORKERS

| Income | Domestic worker 1 | Domestic worker 2 | Domestic worker 3 |
|--------------------------------|--------------------------|--------------------------|--------------------------|
| Number of days worked | 21 | 15 | 15 |
| Number of hours worked per day | 8 | 8 | 5 |
| Income | R2 520 | R1 800 | R1 125 |

TABLE 3: EXPENDITURES OF DOMESTIC WORKERS

| | Domestic worker 1 | | Domestic worker 2 | | Domestic worker 3 | |
|------------------------------------|--------------------------|---------------|--------------------------|---------------|--------------------------|----------------|
| Household expenses | | % of income | | % of income | | % of income |
| Transport to work (return trip) | R1 092,00 | 43,3% | R780,00 | 43,3% | R780,00 | 69,3% |
| Prepaid electricity (350kWh) | R529,34 | 21,0% | A | 29,4% | R529,34 | 47,1% |
| Total for transport + electricity | R1 621,34 | 64,3% | R1 309,34 | 72,7% | R1 309,34 | 116,4% |
| Money remaining for other expenses | R898,66 | | R490,66 | | B | |
| Food for 4 people | R2 473,75 | | R2 473,75 | | R2 473,75 | |
| Surplus/deficit | -R1 575,09 | -63,7% | -R1 983,09 | -80,2% | -R2 658,09 | -107,5% |

[Source:businessstech.co.za]

ANNEXURE B

QUESTION 3.1

TABLE 5: COMMERCIAL FARMING LAND IN HECTARES AND PERCENTAGE PER PROVINCE IN 2017

| Province | Number of farms | Number of farm workers | Total Farming land | | Grazing land | | Arable land | | Other land | |
|---------------------|-----------------|------------------------|--------------------|------------|-------------------|------------|------------------|------------|------------------|------------|
| | | | Hectares | % | Hectares | % | Hectares | % | Hectares | % |
| Western Cape | 6 937 | 186 997 | 4 098 779 | 8,8 | 2 738 371 | 7,5 | 1 003 642 | 13,2 | 356 765 | 15,7 |
| Eastern Cape | 4 214 | 65 151 | 5 713 528 | 12,3 | 5 266 438 | 14,4 | 357 810 | 4,7 | 89 278 | 3,9 |
| Northern Cape | 4 829 | 69 070 | 17 229 260 | 37,1 | 16 358 215 | 44,8 | 671 400 | 8,8 | 199 643 | 8,8 |
| Free State | 7 951 | A | 7 636 020 | 16,4 | 5 161 833 | 14,1 | 2 454 122 | 32,2 | 20 062 | 0,9 |
| KwaZulu-Natal | 3 103 | 96 206 | 1 843 926 | 4,0 | 917 312 | 2,5 | 524 053 | 6,9 | 402 559 | B |
| Northwest | 4 920 | 57 758 | 5 323 682 | 11,5 | 3 474 878 | 9,5 | 1 118 509 | 14,7 | 730 294 | 32,2 |
| Gauteng | 2 291 | 36 517 | 385 317 | 0,8 | 197 878 | 0,5 | 180 349 | 2,4 | 7 088 | 0,3 |
| Mpumalanga | 2 823 | 73 318 | 2 467 007 | 5,3 | 1 177 535 | 3,2 | 943 163 | 12,4 | 346 307 | 15,3 |
| Limpopo | 3 054 | 97 478 | 1 722 938 | 3,7 | 1 244 477 | 3,4 | 361 341 | 4,7 | 117 119 | 5,2 |
| South Africa | 40 122 | ... | 46 420 458 | 100 | 36 536 940 | 100 | 7 614 392 | 100 | 2 269 115 | 100 |

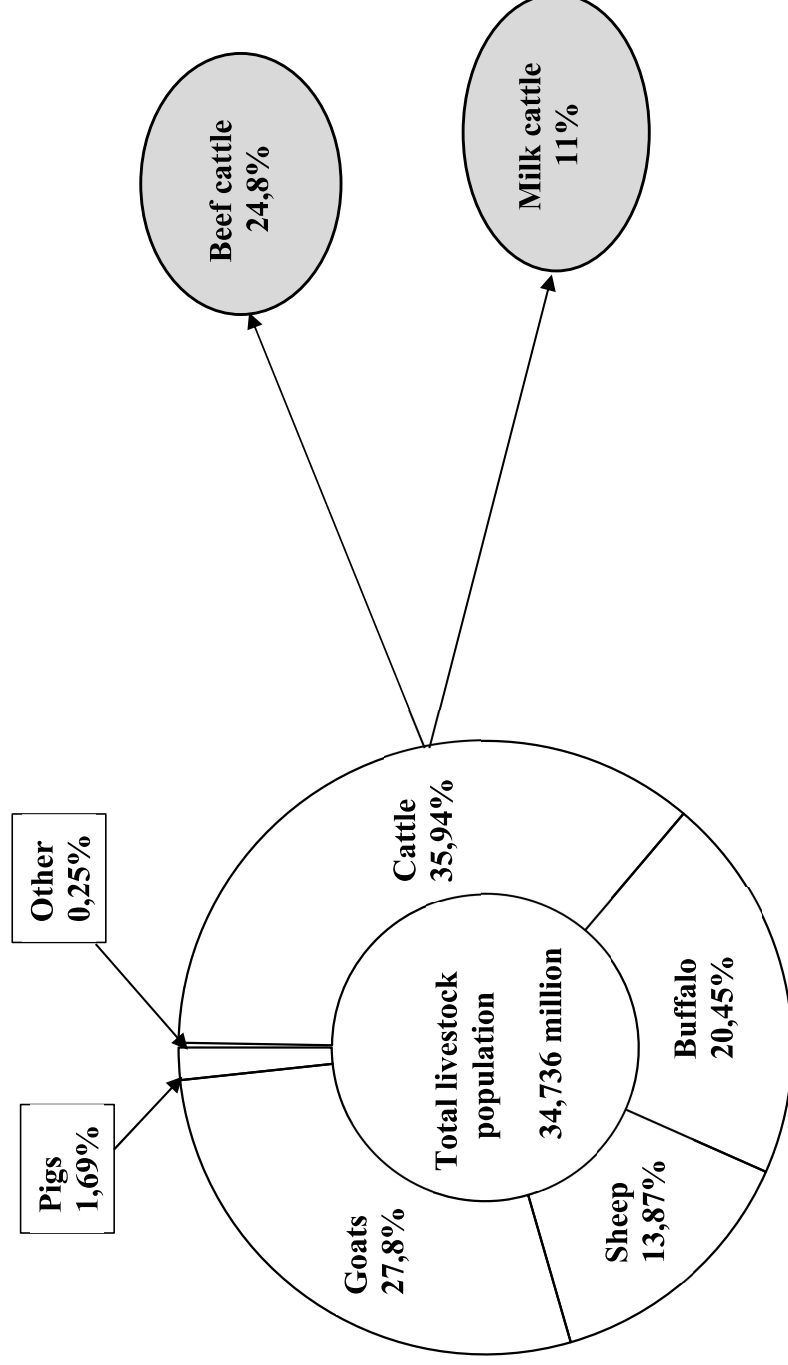
[Source: www.statista.com]

NOTE: **Grazing land** is used for livestock and game farming, and **Arable land** is used for crop production.

ANNEXURE C

QUESTION 3.2

LIVESTOCK POPULATION (IN %) IN SOUTH AFRICA IN NOVEMBER 2019.



NB: Livestock is the domesticated animals raised in an agricultural setting/farm to produce commodities such as meat, eggs, milk, fur, leather, etc.

[Source: www.dalrrd.gov.za]