education

Department of Education
FREE STATE PROVINCE

PREPARATORY EXAMINATION

GRADE 12

MATHEMATICAL LITERACY P1

SEPTEMBER 2022

MARKS: 150

ADDENDUM

This addendum consists of 4 pages with 3 annexures.

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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:businesstech.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**

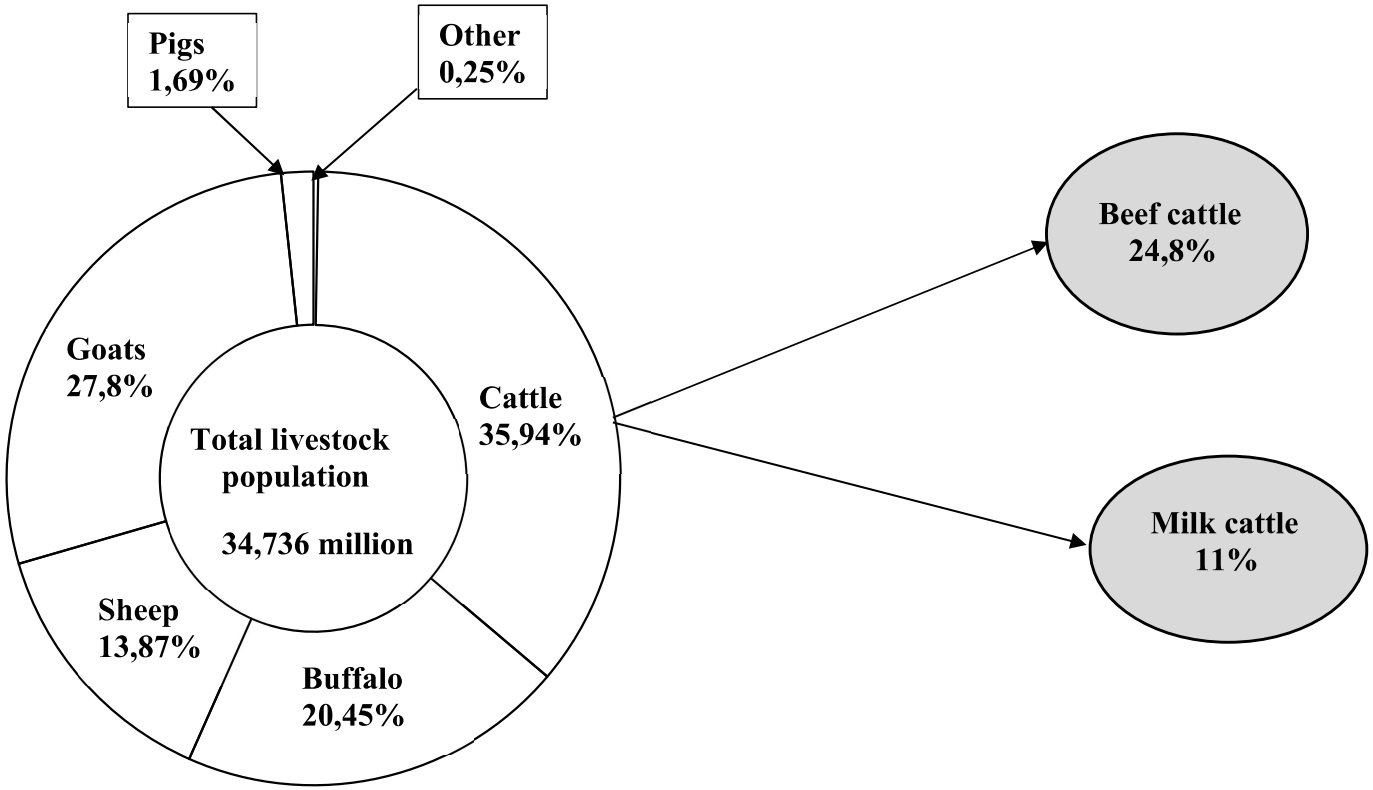
[Source: www.statista.com]

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]

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