Social Sciences: Geography · Grade 4

Memorandum · Term 3–4

TOTAL 52 MARKS

Marking guidelines

1. Award the full mark for a correct answer, even if the learner words it differently.
2. Where a question asks for an opinion, award the mark for any answer with a sensible reason.
3. Where a question asks for two or more items, award one mark per correct item.
4. Do not deduct marks for spelling, provided the answer can be read.

Question	Answer	Marks	Marking note
QUESTION 1 · Food and farming in South Africa · 10 marks			
1.1	A = crop farming (maize or wheat); B = sheep farming; C = cattle farming; D = fruit farming	**4**	*1 mark each. Accept any reasonable description.*
1.2	Mrs Dlamini = subsistence farming; Mr Botha = commercial farming.	**2**	*1 mark each. Subsistence = food for yourself and your family; commercial = food grown to sell. (Mrs Dlamini also shows that food can be grown in a town or city.)*
1.3	Any two: grow it (in a garden or on a farm, also in town/school/rooftop gardens); gather it (pick wild fruit, plants or honey); catch fish; hunt animals; keep animals for milk, eggs or meat.	**2**	*1 mark each. Do not accept 'buy'.*
1.4	The farmer grows wheat and harvests it; the wheat goes to a mill where it is ground into flour; a bakery bakes the flour into bread; a truck takes the bread to the shop; the family buys it. Processing: the wheat is ground (milled) into flour at a mill/factory, then mixed and baked into bread at a bakery.	**2**	*1 mark for a processing step (grinding/milling, mixing or baking), 1 mark for getting it to the shop and home.*
QUESTION 2 · Crops and farm animals · 10 marks			
2.1	Sugar cane = KwaZulu-Natal; Apples = Western Cape; Maize = Free State (also North West, Mpumalanga); Citrus = Limpopo (also Eastern Cape, Western Cape, Mpumalanga)	**4**	*1 mark each. Accept any province where the crop is really grown.*

Question	Answer	Marks	Marking note
2.2	Orange = unprocessed; box of orange juice = processed.	**2**	*1 mark each. Unprocessed food is eaten as it comes from the plant or animal; processed food has been changed, e.g. pressed, cooked or packed.*
2.3	Plant: any, e.g. maize meal, bread, rice, apple, potato, beans, sugar. Animal: any, e.g. milk, eggs, meat, fish, cheese, honey.	**2**	*1 mark each.*
2.4	Free-range chickens can walk around outside and look for food; caged chickens are kept indoors in small cages and fed.	**2**	*1 mark per kind.*
QUESTION 3 · Water in South Africa · 10 marks			
3.1	A = evaporation; B = condensation; C = precipitation (rain)	**3**	*1 mark each.*
3.2	It is salt water (too salty).	**1**	*Accept: it has salt in it and makes you sick/thirstier.*
3.3	Indian Ocean = salt; wetland = fresh; borehole = fresh.	**3**	*1 mark each.*
3.4	Home (1): drinking, cooking, washing, bathing, flushing the toilet. Outside (2): irrigating crops; water for farm animals; factories; mines; making electricity (power stations); parks and gardens; swimming and other recreation.	**3**	*1 + 2 marks.*
QUESTION 4 · Drought, storing and saving water · 5 marks			
4.1	A drought.	**1**	
4.2	Reason: so there is water in dry times or droughts / where there is no tap or river nearby. Way: a dam; a water tank (rainwater tank); buckets; pots or drums; a reservoir.	**2**	*1 mark for the reason, 1 for the way.*
4.3	Take shorter showers; fix leaking taps; close the tap while brushing teeth; catch rainwater in a tank; water the garden early or late; reuse washing water on plants.	**2**	*Any two. 1 mark each.*

Question	Answer	Marks	Marking note
QUESTION 5 · People and the environment · 8 marks			
5.1	The factory — waste or chemicals run into the water. The drained wetland — the wetland used to filter the water before it reached the river. The bigger population — more sewage, more litter and more run-off from the streets.	**3**	*1 mark per activity WITH the explanation.*
5.2	Any two: pouring oil, paint or chemicals down the drain or sink; throwing litter that washes into drains and rivers; washing clothes or cars with soap in or near a river; using too much soap or detergent; leaving dog/animal waste that washes into drains.	**2**	*1 mark each. Do not accept 'factory waste'.*
5.3	Any practical answer with a responsible party — for example: the factory must treat its waste before releasing it (the factory and the municipality); or part of the wetland must be restored (the municipality); or sewers must be repaired (the municipality).	**3**	*1 mark for the solution, 1 for who, 1 for how it addresses the problem.*
QUESTION 6 · Water to our homes and back to the sea · 9 marks			
6.1	From a tap in the house; from a community tap; from a borehole; from a rainwater tank; from a river or spring.	**3**	*1 mark each.*
6.2	1 = dam; 2 = purification plant; 3 = reservoir; 4 = pipes to the tap	**3**	*1 mark for Dam = 1 AND Pipes to the tap = 4; 1 mark for Purification plant = 2; 1 mark for Reservoir = 3.*
6.3	To remove dirt and germs so that it does not make us sick.	**1**	
6.4	It flows through sewer pipes to a sewage works (waste-water treatment works), where it is cleaned (1); the clean water is let into a river, which carries it back to the sea (1).	**2**	

Total **52 marks**



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