



TOM NEWBY SCHOOL TEST



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MEMO

Subject	Geography	Examiner	Mrs. v Copenhagen
Date	November 2021	Total marks	30 marks
Grade	5	Duration	1 hour
		Moderator	Miss Botha

QUESTIONS	ANSWERS	MARK	LEVEL
SECTION A		[10]	
QUESTION 1			
1.1	B	1	1
1.2	F	1	1
1.3	A	1	1
1.4	C	1	1
1.5	D	1	1
QUESTION 2			
2.1	Resources that cannot be replaced when they have been used up.	1	2
2.2	Coal in the place where it formed.	1	2
2.3	A wetland with some trees growing in it.	1	2
2.4	Resources that can be replaced and reused again.	1	2
2.5	The damaging of air, water or land with dirt or chemicals.	1	2
SECTION B		[10]	
QUESTION 3			
3.1	Warm and receives rainfall during summer, and warm dry winters.	2	3
3.2	Many savannahs, tree densities are higher, and trees are more regularly spaced than in forests.	1	5
3.3	Because they are highly prone to lightning storms and have an ideal fire climate, comprising a distinct wet season when plant materials can grow and accumulate and a dry season when they become highly flammable plant fuels. Also, most times human causes fires.	1	4

3.4	Some plants store water in their roots. When fires burn the stems, the water allow the plant to grow again. Some trees have a thick bark to protect them from being damaged by fires.	2	3
3.5	Springbok, buffalo, giraffes, and wildebeest	2	3
3.6	- where the grasses are not eaten by animals, so there are few animals in the area. - where grasses are eaten by animals so the are many animals in the area.	2	3
SECTION C		[10]	
QUESTION 4			
4.1	Non renewable	1	2
4.2	- Dead plant and animal matter from millions of years ago gets covered with mud, rain, and lava. - The weight of the layers on top of each other causes pressure and heat and so the once living trees change to dead carbon. - Coal is found in layers with the oldest layers deep down and the youngest layers close to the surface.	3	5
4.3	Soaps, aspirins, fertilizers, dyes, solvents, shampoos, tennis rackets, mountain bikes and fabrics.	1	4
4.4	a) Air pollution -Dust from drilling and blasting pollutes the air. -In coal mines, digging coal out of the ground releases harmful gases into the air. -Wind lifts fine particles of rock in waste dumps into the air. -Coal mine dumps often catch fire. The burning coal releases harmful gases.	1	4

	<p>b) Water pollution</p> <ul style="list-style-type: none"> -Rainwater passing through mine dumps is polluted by dust and chemicals in the dumps. -Chemicals are added to water to separate minerals from the rock. The wastewater is often piped into a river. -Polluted water from inside the mine flows onto the surface. This is known as acid mine drainage 	1	
4.5	<ul style="list-style-type: none"> -Rockfalls: More miners are killed by rock falls underground than any other accidents. -Heat stroke: The hard work for long hours at high temperature causes some miners to collapse. -Lung disease: The dust from blasted rock damages miners' lungs and affects their breathing. 	3	4
TOTAL		[30]	