

**RAMOTSHERE MOILOA SUB-DISTRICT  
NAURAL SCIENCES & TECHNOLOGY  
TERM 1 COMMON TEST MEMO  
MARCH 2019  
GRADE 6**

Marks: 50

This memorandum consists of 4 pages.

**NB:** *All relevant answers that do not appear in the memorandum should be credited.*

QUESTION		ANSWER	MARK
1.1	1.1.1	B✓	1
	1.1.2	C✓	1
	1.1.3	A✓	1
	1.1.4	A✓	1
	1.1.5	C✓	1
1.2	1.2.1	C✓	1
	1.2.2	D✓	1
	1.2.3	B✓	1
	1.2.4	E✓	1
	1.2.5	A✓	1
			<b>[10]</b>
2.1	2.1.1	Carbon dioxide✓	1
	2.1.2	Water ✓	1
	2.1.3	Sunlight✓	1
2.2	Starch✓	1	
2.3	Glucose✓	1	
2.4	Oxygen✓	1	
2.5	Carbon dioxide✓	1	
2.6	Any part of the plant.✓	1	
2.7	Excretion✓	1	
2.8	Nutrients✓	1	
			<b>[10]</b>
3.1	3.1.1	Carbohydrates✓	1
	3.1.2	Proteins✓	1
	3.1.3	Fats and Oils✓	1
	3.1.4	Vitamins and Minerals✓	1
3.2	<b>Flavourant</b> is a food additive used to improve the food product's taste and/or smell whereas the <b>Colorant</b> is a food additive used to improve the food's look.✓✓		2
3.3	Diet is a selection of food that a person usually eat from day to day.✓✓		2

3.4	3.4.1	Tooth decay is when the person's tooth start to rot because of the bacteria in the mouth that make acids. ✓✓	2
	3.4.2	Kwashiorkor is a form of malnutrition caused by too little protein in the diet. ✓✓	2
			<b>[12]</b>
4.1		METHOD OF PRESERVING	FOOD EXAMPLE
		Example: Fermentation	Sorghum Beer
	4.1.1	Pickling	Gherkins✓
	4.1.2	Salting	Biltong✓
	4.1.3	Drying	Dried fruits✓
	4.1.4	Freezing	Meat✓
	4.2.5	Fermenting	Sour milk✓
4.2	4.2.1	Combining ✓	1
	4.2.2	Cooking ✓	1
	4.2.3	Drying✓	1
4.3		Fermentation is the process of yeast or bacteria to turn carbohydrates into acids, alcohol or carbon dioxide. ✓✓	2
			<b>[10]</b>
5.1		There is interdependence between the two where one depends on the other for survival. ✓✓	2
5.2		Rocky shore ecosystem is a marine habitat with rocks in which aquatic animals and plants live and Desert ecosystem is a dry and usually very hot type of ecosystem.✓✓	2
5.3	5.3.1	<b>Grass</b> ✓	1
	5.3.2	<b>Springbok or locust</b> ✓	1
	5.3.3	<b>Eagle</b> ✓	1
	5.3.4	<b>Leopard</b> ✓	1
	5.3.4	<b>Baboon</b> ✓	1
	5.3.6	<b>Fungi</b>	1
			<b>[10]</b>
<b>GRAND TOTAL</b>			<b>[ 50 ]</b>