



Subject: Grade 6 Natural Sciences
Topic: Natural Sciences: Term 1 - Mini-Exam
Total: 83 Marks

Name: _____

Date: _____

This image refers to question: 1



Question 1: True/False

2 marks

When very tiny organisms such as bacteria and fungi feed on food, we say that the food is spoiled.

TRUE

FALSE



This text refers to question: 2

Fortified foods are those that have nutrients added to them that don't naturally occur in the food. These foods are meant to improve nutrition and health benefits. For example, milk is often fortified with Vitamin D, and calcium may be added to fruit juices.

An enriched food means that nutrients that were lost during processing are added back in. Many refined grains are enriched. Wheat flour, for example, may have folic acid, riboflavin and iron added back in after processing. This is intended to restore its original vitamin levels.

Source: <https://www.healthline.com/health/food-nutrition/fortified-and-enriched-foods#1>

Question 2: Text Input

3 marks

... are lost during food processing.

Question 3: True/False

2 marks

Rivers are freshwater systems that flow through land and end when it dries up.

TRUE

FALSE

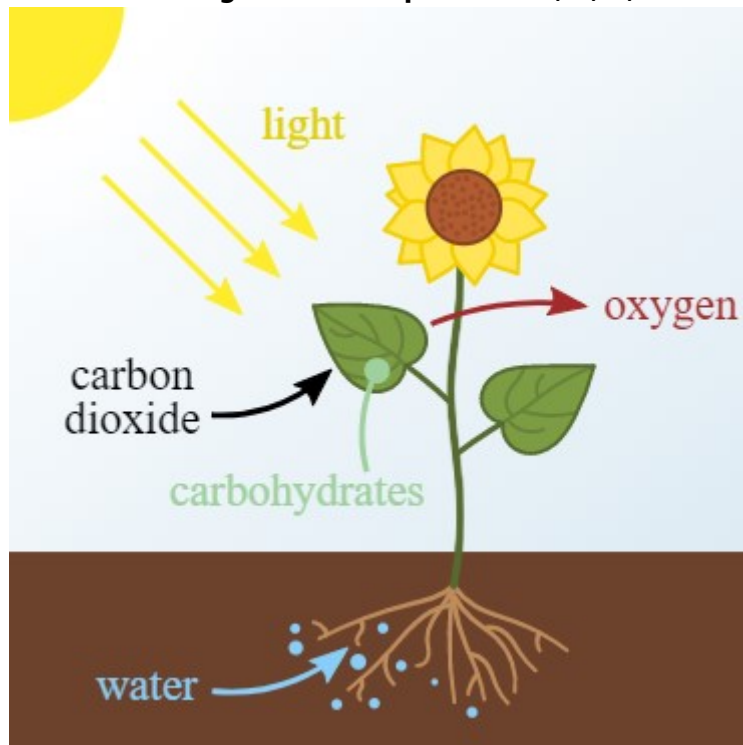
Question 4: Text Input

3 marks

In order to preserve food that cannot be eaten raw, one would have to ... the food.

Your answer must be a *method of processing food*, and **one word** only.

This image refers to question: 5, 6, 7, 8



Question 5: Text Input

3 marks

The process whereby plants make their own food is called Be sure to spell this word correctly.

Question 6: Multiple Choice

4 marks

The ... of a plant absorbs water.

- | | |
|----------|--------|
| A | leaf |
| B | stem |
| C | root |
| D | branch |

Question 7: True/False

2 marks

Plants can only manufacture food in the presence of light.

TRUE

FALSE

Question 8: Please Fill In The Blanks

4 marks

The (1) in the (2) of a plant absorbs energy from the Sun.

Possible Answers: water | starch | chlorophyll | stem | root | leaf

1	
----------	--

2	
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Question 9: True/False

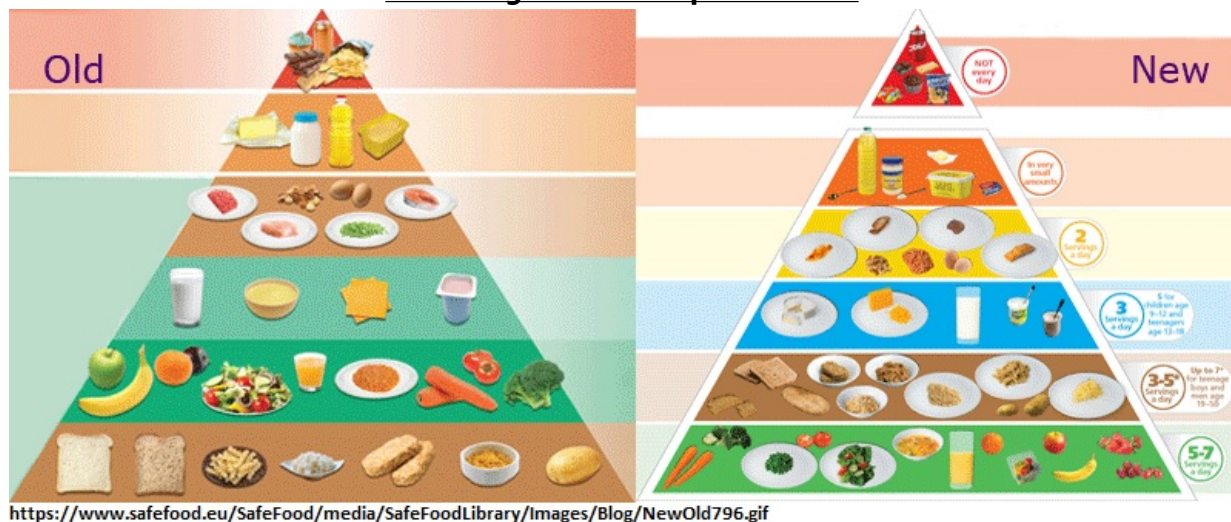
2 marks

Cereal that contains a lot of sugar is not good for you.

TRUE

FALSE

This image refers to question: 10

**Question 10: Please Fill In The Blanks**

4 marks

This diagram shows the old and the new food pyramids. Look at the different food groups in each pyramid.

The food groups (1) and (2) have swapped places.

Give your answers in **alphabetical order**.

Possible Answers: dairy | grain | fruit and vegetables | protein

1	
----------	--

2	
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This image refers to question: 11



Question 11: Please Fill In The Blanks

6 marks

(1) is caused by a (2) of Vitamin D. You can get Vitamin D by exposure to (3) .

Possible Answers: Rickets | Kwashiokor | lack | overload | sunlight | wind

1	
3	

2	
----------	--

Question 12: True/False

2 marks

Vitamins help build cells.

TRUE	FALSE
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This image refers to question: 13



Question 13: Multiple Choice

4 marks

This child is suffering from a disease called **kwashiorkor**. It is an African term that means **the sickness a child develops when another child is born**.

This disease is caused by a lack of ... in his diet.

- | | |
|----------|----------|
| A | iron |
| B | minerals |
| C | protein |
| D | calcium |

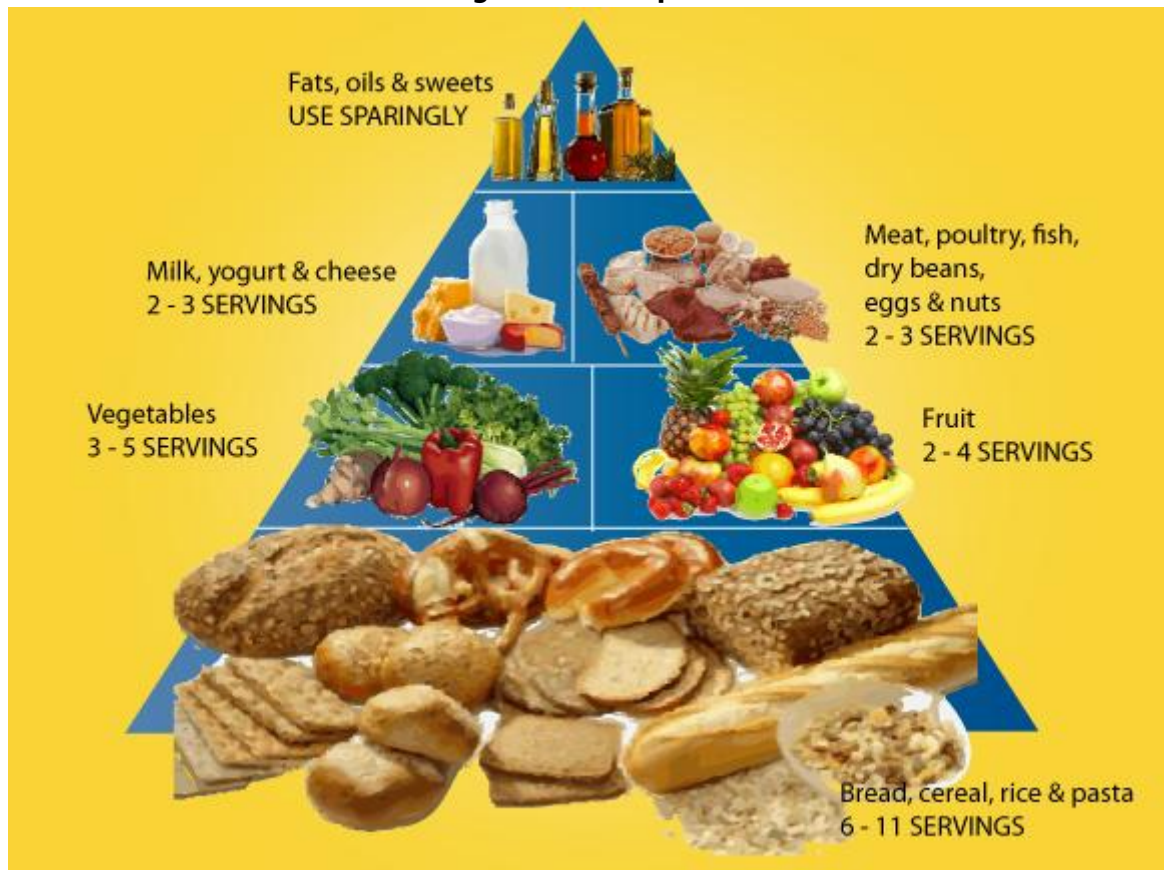
Question 14: Text Input

3 marks

Too much ... in your diet will cause tooth decay.

Give your answer as **one word** only.

This image refers to question: 15



Question 15: Text Input

3 marks

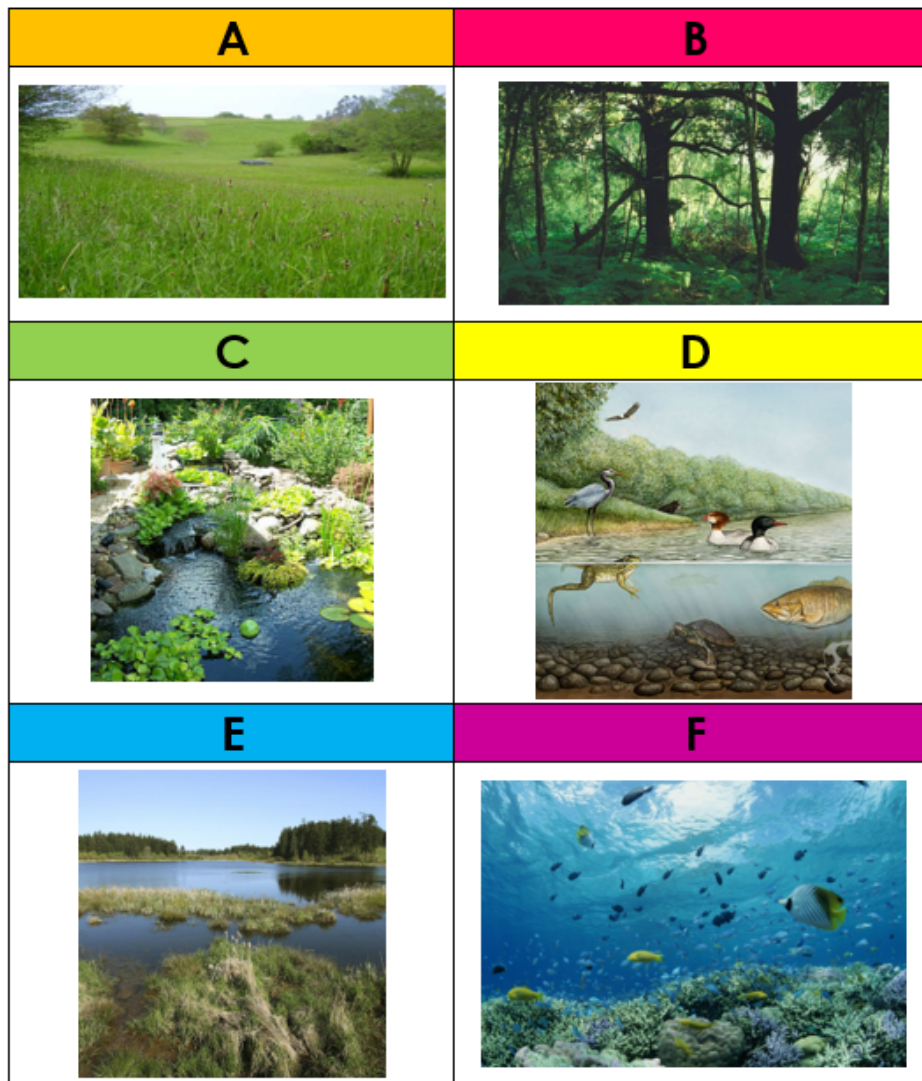
Use **one** of the following words to complete the sentence **correctly**:

fats / carbohydrates / proteins

Bread, cereal, rice and pasta contain mostly

Type **one word only**.

This image refers to question: 16, 17



Question 16: Text Input

3 marks

Study the different ecosystems.

What kind of ecosystem does **E** represent? Type **only one word** for your answer.

Question 17: Please Fill In The Blanks

4 marks

Study the ecosystems carefully, and then identify the type of ecosystem in the description below:

A (1) ecosystem has very large open spaces with plenty of sunlight. The weather conditions are (2) .

Possible Answers: grassland | river | forest | pond | shady and the soil is damp | hot in summer and cold in winter

1	
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2	
---	--

This image refers to question: 18

Nutrition Facts	
Serving Size 1/2 cup (130g)	
Servings Per Container 25	
Amount Per Serving	
Calories 140	Calories from Fat 5
% Daily Value*	
Total Fat 0.5g	1%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 400mg	17%
Total Carbohydrate 29g	10%
Dietary Fiber 6g	25%
Sugars 8g	
Protein 7g	
Vitamin A 0% • Vitamin C 0%	
Calcium 8% • Iron 10%	
INGREDIENTS: BEANS, WATER, BROWN SUGAR, CORN SYRUP, PORK, SALT, CARAMEL COLORING AND SPICE.	

Source: https://hanoverfoods.com/blog/product_info/old-fashioned-baked-beans/

Question 18: Text Input

3 marks

130 g of baked beans contains 10% carbohydrates and 10% ...

Give your answer as **one word** only.

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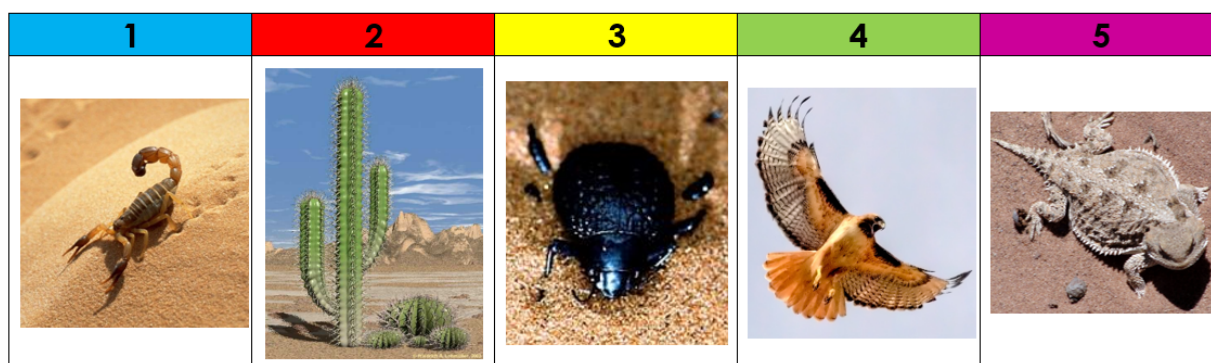
Question 19: Multiple Choice

4 marks

... are nutrients that your body needs in small amounts.

- | | |
|----------|-----------------------|
| A | Carbohydrates |
| B | Proteins |
| C | Dairy |
| D | Vitamins and minerals |

This image refers to question: 20

**Question 20: Please Fill In The Blanks**

4 marks

Study the desert animals carefully.

The (1) is the producer and the decomposer is the (2) .

Possible Answers: cactus | lizard | scorpion | insect

1		2	
----------	--	----------	--

This image refers to question: 21



Question 21: Multiple Choice

4 marks

The process of ... food requires water to be removed from the food.

- | | |
|----------|------------|
| A | salting |
| B | pickling |
| C | drying |
| D | fermenting |
-

Question 22: Multiple Choice

4 marks

The products of photosynthesis are

- | | |
|----------|---|
| A | water and oxygen only |
| B | carbon dioxide, glucose sugar and water |
| C | oxygen and glucose sugar only |
| D | carbon dioxide and glucose sugar only |
-

This image refers to question: 23



Question 23: Multiple Choice

4 marks

Study the river ecosystem carefully.

Identify which group of organisms is not shown in the river ecosystem.

- | | |
|----------|-------------|
| A | Producers |
| B | Consumers |
| C | Decomposers |
| D | Water reeds |

Question 24: Please Fill In The Blanks

4 marks

Pickling food is done by soaking the food in a mixture of (1) and (2) .

Give your answers in **alphabetical order**.

Possible Answers: salt | sugar | vinegar | water

1	
----------	--

2	
----------	--

This image refers to question: 25



Question 25: True/False

2 marks

'Fats and oils' is the food group missing from this chart. This is because **it is not an important part of a balanced diet.**

The words in bold is what you must focus on for the answer.

TRUE

FALSE

Total: 83 Marks