

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

MARKS: 50

DURATION: 1 Hour

NAME OF LEARNER: _____

CLASS: _____

MARKS OBTAINED =

50

INSTRUCTION TO CANDIDATES

1. Read all the instructions carefully
2. Answer all questions in the space provided.
3. Write neatly and legibly.

Question 1

1.1 Three possible answers are given for each of question below. Circle only the letter of the correct answer.

Example: The ability to dissolve is called...

- A. Solubility
- B. Insoluble
- C. Solute

1.1.1 Photosynthesis takes place mainly in the... (1)

- A. Roots
- B. Leaves
- C. Stems

1.1.2 ... are nutrients that you need for growth and repair. (1)

- A. Carbohydrates
- B. Fats and oils
- C. Proteins

1.1.3 A condition of being unhealthily overweight is called (1)

- A. Obesity
- B. Kwashiorkor
- C. Diabetes

1.1.4 A process in which raw food products are changed into final edible food products is called... (1)

- A. Food processing
- B. Fortified foods
- C. Preserving

1.1.5 A place or habitat that contains living and non-living things is called... (1)

- A. Home
- B. Interdependent
- C. Ecosystem

- 1.2 Match the term in **Column A** with correct meaning in **Column C**. Write the letter of the correct answer in **Column B**. (5)

COLUMN A	COLUMN B	COLUMN C
1.2.1. Photosynthesis		A. Many linked food chains showing the feed relationship between plants and animals.
1.2.2. Food additives		B. Diet that has the right amount of different nutrients
1.2.3. Balanced diet		C. Process in which plants make their own food using light energy from the sun.
1.2.4. Food Processing		D. Substance added to food to preserve its flavour or improve its taste and appearance.
1.2.5. Food Webs		E. A way in which raw foods are changed into final food products.

[10]

Question 2

- 2.1 What are the 3 requirements for photosynthesis? (3)

2.1.1 _____

2.1.2 _____

2.2.3 _____

- 2.2 Name the storage product in plants. (1)

- 2.3 What do we call the type of sugar that is used as an energy source in many living organisms? (1)

- 2.4 Give the name of the gas that is released during photosynthesis (1)

2.5 Which gas is taken in by plants during photosynthesis? (1)

2.6 Plants store starch in their... (1)

2.7 The process of getting rid of waste by animals is called... (1)

2.8 The substance in food that is important for growth and good health is called... (1)

[10]

Question 3

3.1 List **FOUR** the different food groups. (4)

3.1.1 _____

3.1.2 _____

3.1.3 _____

3.1.4 _____

3.2 Compare and contrast flavourant and colorant. . (2)

Flavourant

Colorant

3.3 Explain the term **diet**. (2)

3.4 Define the following disease related to diet.

Tooth decay (2)

[10]

Question 4

4.1 Complete the following table by giving an example of food that can be preserved using the method mentioned in the first column. (5)

METHOD OF PRESERVING	FOOD EXAMPLE
Example: Fermentation	Sorghum Beer
4.1.1 Pickling	
4.1.2 Salting	
4.1.3 Drying	
4.1.4 Freezing	
4.2.5 Fermenting	

4.2 Give one term given to each of the following methods of processing.

4.2.1 The mixing together of two or more ingredients. (1)

4.2.2 Heating raw food by boiling, roasting or frying to make them edible. (1)

4.2.3 Putting meat in the sun long enough for all the water inside it to be removed. (1)

4.3 Explain fermentation (2)

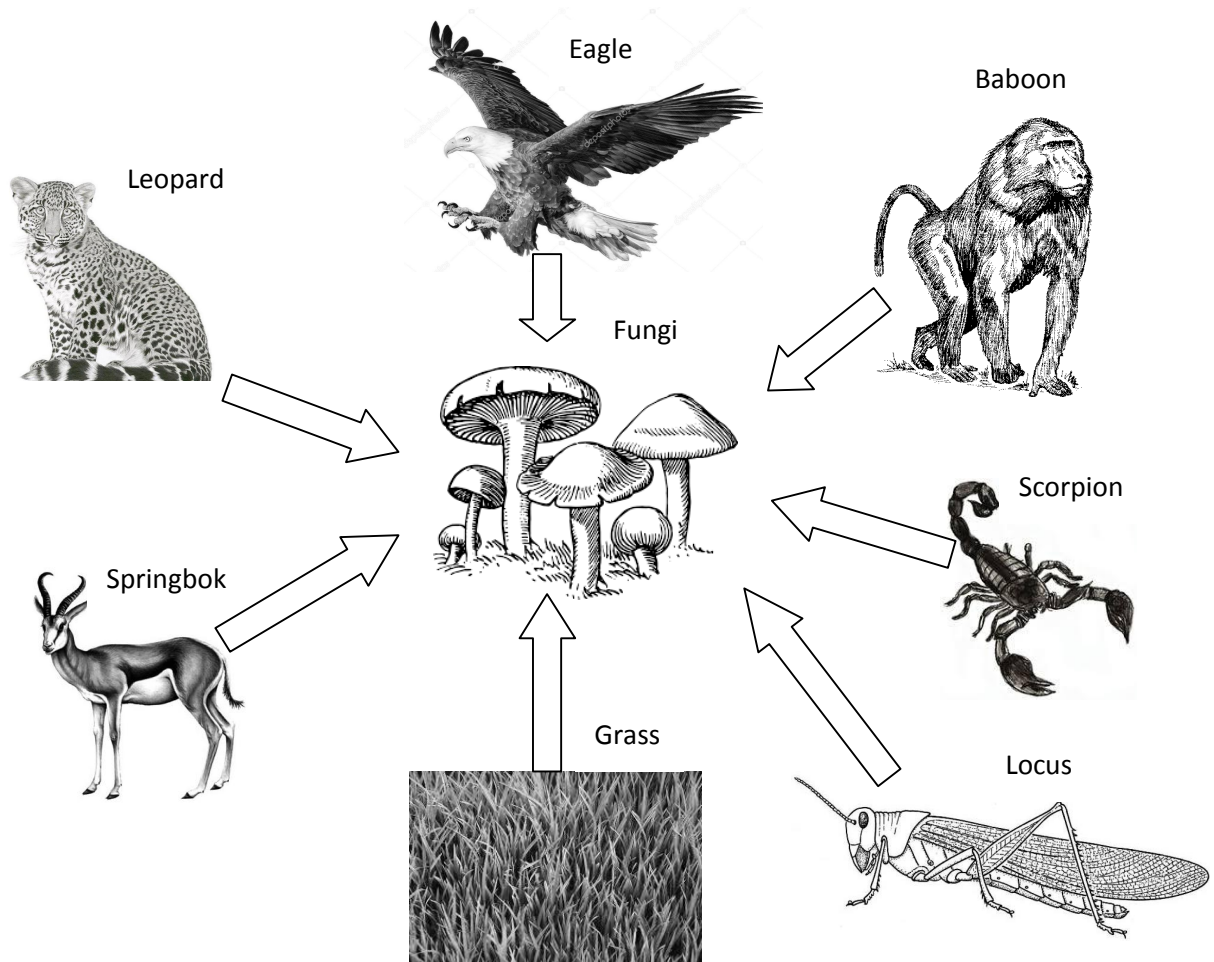
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QUESTION 5

5.1 Why should there be living and non-living things in the ecosystem? (2)

5.2 How does rocky shore ecosystem differ from desert ecosystem? (2)

- 5.3 Use the Figure below to identify a producer, herbivore, two carnivores, omnivore and decomposer. (6)



5.3.1 Producer

5.3.2 Herbivore

5.3.3 1st Carnivore

5.3.4 2nd Carnivore

5.3.5 Omnivore

5.3.6 Decomposer

[10]
TOTAL = 50