RAMOTSHERE MOILOA SUB-DISTRICT

NATURAL SCIENCE & TECHNOLOGY
TERM 2 COMMON TEST
JUNE 2019
GRADE 5

NAME OF LEARNER: _____

NAME OF SCHOOL: _____

TIME: 1 hour

MARKS: 60

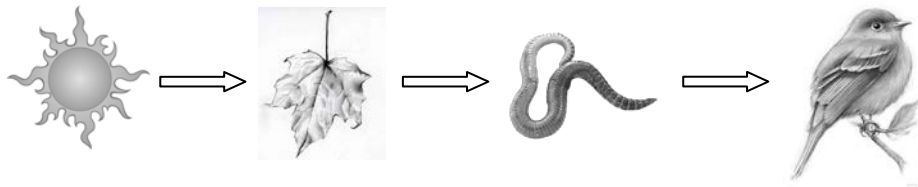**MARK OBTAINED   =   _____**

                              60

INSTRUCTIONS TO LEARNERS.
1. Read all the instructions carefully.
2. Answer all questions in spaces provided.
3. Write nearly and legibly.

Question 1

MULTIPLE CHOICES

1.1 Select the correct answer to the following and circle the corresponding letter of your choice (A, B, C or D)

1.1.1. What do the arrows in a food chain represent?

    A. the flow of carbon

    B. the flow of energy

    C. the flow of oxygen

    D. the flow of water

1.1.2. A place where an animal can feed, shelter and breed, is called its……..

    A. community

    B. ecology

    C. ecosystem

    D. habitat

1.1. 3. Which of the following is NOT made from metal?

    A. Jewellery

    B. Coins

    C. Wire

    D. Plastic

1.1.4 The head of the hammer is made up of a strong material like……

    A. Wood B.

    B. Metal

    C. Plastic

    D. Non metal

1.1.5 Which of the following are raw materials?

    A. Bread and tea

    B. Wheat and tooth paste

    C. Animal skin and Wheat

    D. wooden furniture and furniture polish

1.2   Match the term in column A with the correct statement in column C. Just write the

letter of the correct statement in Column B next to its appropriate term.   (6)

COLUMN A	COLUMN B	COLUMN C
1.2.1 Green plants		A. Material that has been changed in some way
1.2.2 Invertebrates		B. Can be heated and made into thin wires without breaking.
1.2.3 Processed material		C. Made from plant fibre such as grasses and reeds.
1.2.4 Interdependence		D. Animals without back bones such as worms, insects and spiders.
1.2.5 Durable		E. Plants and animals depend on each other
1.2.6 Mats		F. Animals with (back)bone
		G. Something that will last for a long time
		H. Make their own food

1.3.   Use the word in the term bank to fill in the correct word for the following
properties of metals   (5)
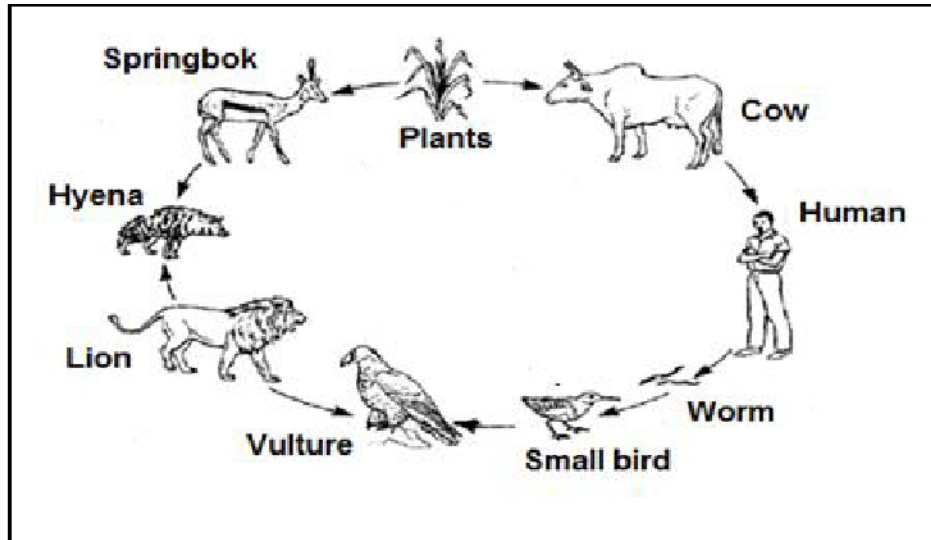
Shiny   ductile   malleable   brittle   electricity   heat

1.3.1   Metals wires conduct ……………….………so that lights and stoves can work.

1.3.2   A metal is ………………..………….……….... because it can be pounded into

a new shape.

1.3.3   A metal is…….……………….…….…... because it can be stretched into wire.

1.3.4   Metals conduct ……….……….………….., which make them useful for cooking.

1.3.5   Non metals are ……….……….……….…

TOTAL FOR SECTION A: [16]

SECTION B
QUESTION 2

2.1 Look at the picture below and answer questions that follow:

2 .1.1   What will happen if you remove plants from the ecosystem above? (2)

....

2.1.2   Name the following organism from the above diagram: (2)

A. Herbivore.…………………………………

B. Carnivore..

2.1.3   Suggest a reason why a food chain starts with a plant. (2)

....
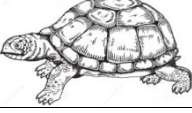
2.1.4   Plants and animals depend on each other and they also depend on the
resources. Name **FIVE** available resources that plants and animals depend on
(5)

(A)……………………..   (B)…………….……   (C)………….……

(D)……………………..   (E)…………………..

2.2   Identify whether the animal is a vertebrate or invertebrate and whether it has
       a shell or frame structure.   (10)

Animal	Vertebrate or invertebrate	Shell or frame structure
2.2.1 Beetle	A. _____	B. _____
2.2.2 Chicken	C. _____	D. _____
2.2.3 Snake	E. _____	F. _____
2.2.4 Tortoise	G. _____	H. _____
2.2.5 Human	I. _____	J. _____

2.3   State **THREE** functions of animal skeleton.   (6)

   A…………………………………………………………………………………………..

   B. ………………………………………………………………………………………….

   C. ………………………………………………………………………………………….

[27]

QUESTION 3

3.1. Compare the properties of materials to complete the table below: (5)

MATERIAL	Shiny or dull	Hard or Soft	Magnetic or non-magnetic
3.1.1 Iron nails	Shiny	A. _____	B. _____
3.1.2 Copper Cutlery	Shiny	Hard	C. _____
3.1.3 Rubber (Eraser)	D. _____	E. _____	Non-magnetic

3.3 The pot in the picture below is made of a specific type of material that makes it suitable for cooking for a long time on an open fire without being damaged. It can be used for decades by different generations before being spoiled.

3.3.1 Give three reasons why the material used to manufacture the pot make it suitable to cook outside on very high open fire. (6)

a) _____

_____

b)   _____

_____

c)   _____

_____

3.2   Give at least one property of a non-metal.   (1)

_____

_____

[12]

QUESTION 4

4.1   Read the passage below and answer the questions that follow.

The people in the picture are mixing sand and water with building *cement*. The mixture of sand, water, gravel and cement is called *concrete*. Concrete is like mud when it is wet, but when it dries out it sets into a suitable material. Concrete can be used to make bricks, pavements and to plaster walls

4.1.1 Do you think the bricks will be durable?   (1)

_____

4.1.2 Give **TWO** reasons to support your answer : (2)

A _____

B_____

4.1.3 Name **TWO** processed material from the passage. (2)

A _____

B_____

[5]

TOTAL SECTION B = 44

GARND TOTAL = 60