

RAMOTSHERE MOILOA SUB-DISTRICT
NATURAL SCIENCE & TECHNOLOGY
TERM 2 COMMON TEST
JUNE 2018
GRADE 5

NAME OF LEARNER: _____

NAME OF SCHOOL: _____

TIME: 1 hour

MARKS: 50

MARK OBTAINED = _____

60

INSTRUCTIONS TO LEARNERS.

1. Read all the instructions carefully.
2. Answer all questions in spaces provided.
3. Write neatly 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 Metals are malleable, this means that...

- A: They can be made into thin wire.
- B: They can be twisted easily.
- C: Metals can be shaped into flat sheets when hammered.
- D: They can bend easily.

1.1.2 Animals that eat plants only are called...

- A: Consumers
- B: Herbivores
- C: Carnivores
- D: Omnivores

1.1.3 Iron rust when it comes into contact with...

- A: Water only.
- B: Sand only.
- C: Air only.
- D: Water and air.

1.1.4 Which of the following conducts heat and electricity well?

- A: Wood
- B: Metal
- C: Plastic
- D: Ceramic

1.1.5 White powder that quickly becomes a hard solid when mixed with water.....

- A: Plaster of Paris
- B: Process
- C: Concrete
- D: Strong

[5]

1.2 Match the number in column A with the correct letter in column B. Use the answer column for your answer.

| COLUMN A | COLUMN B | YOUR ANSWER |
|---------------------|---|-------------|
| 1.2.1 Producers | A. A place that gives protection from bad weather and danger. | |
| 1.2.2 Vertebrate | B. Making offspring or babies. | |
| 1. 2.3 Joints | C: Joining of Male seed and female seed. | |
| 1.2.4 Malleable | D: Easily breaks into pieces when it falls. | |
| 1.2.5 Ductile | E: Plants that produce or make their own food. | |
| 1. 2.6 Waterproof | F: An animal with a backbone. | |
| 1.2.7 Brittle | G: Able to be beaten or hammered into shapes. | |
| 1.2.8 Fertilisation | H: A place where two or more bones meet. | |
| 1.2.9 Shelter | I: Able to be drawn into wires. | |
| 1.2.10 Reproduce | J: Will not let water to pass through. | |

[10]

1.3 State whether the following statements are true or false.

1.3.1 A food chain is the transfer of energy from one organism to the other. (1)

1.3.2 Carnivores are animals that eat plants only. (1)

1.3.3 Mature means very young. (1)

1.3.4 Metals are shiny.

(1)

1.3.5 Processed materials are raw materials.

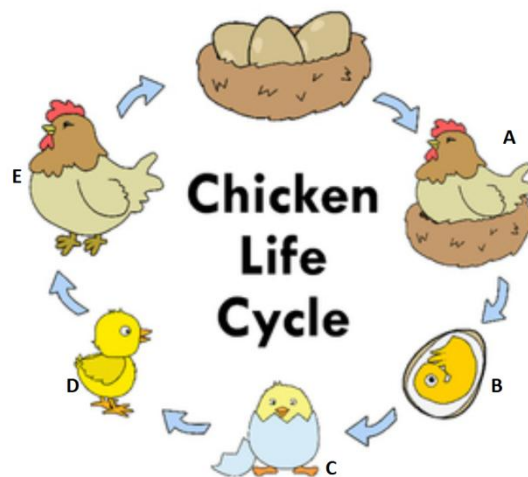
(1)

[5]

Question 2

Study figure 1 and answer the questions that follow.

Figure 1: Life cycle of a chicken



2.1 Label the diagram on figure 1 A -E

(5)

A _____

B _____

C _____

D _____

E _____

2.2. Plants and animals depend on each other. Name five available resources that plants and animals depend on. (5)

1 _____

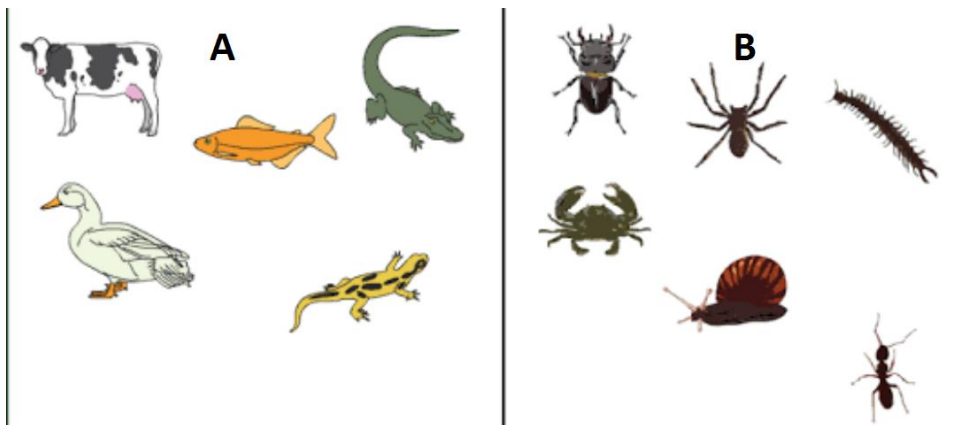
2 _____

3 _____

4 _____

5 _____

2.3.1 Look at the pictures A and B below and tell which one is a vertebrate or invertebrate (2)



A: _____

B: _____

2.3.2 Give any four functions of a skeleton. (4)

2.3.3 Decide if each of these animals is a herbivore, carnivore or an omnivore. (3)

Lion, Cow, Zebra

2.3.4 Draw a food chain of your choice. (3)

[22]

Question 3

3.1 List any four properties of metals. (4)

3.2 Select the properties of material to complete the table below. (6)

| MATERIALS | Dull/Shiny | Hard/Soft | Magnetic/Non magnetic |
|--------------------|-------------|-------------|-----------------------|
| 1. Chalk | Dull | Hard | 3.2.1 _____ |
| 2. Stainless steel | 3.2.2 _____ | Hard | Magnetic |
| 3. Rubber | 3.2.3 _____ | 3.2.4 _____ | Non Magnetic |
| 4. Coin | Shiny | 3.2.5 _____ | 3.2.6 _____ |

[10]

Question 4

4.1 Look at the diagram below. Explain:

| | | |
|-----------------------------------|-----|----------|
| sand + gravel + cement + water | mix | concrete |
|-----------------------------------|-----|----------|

4.1.1 What raw materials are mixed? (4)

4.1.2 Which process took place? (1)

4.1.3 Which product is created? (1)

4.1.4 Give any two uses of the product. (2)

[8]

TOTAL: 60