



DEPARTMENT OF
EDUCATION

SEKHUKHUNE SOUTH DISTRICT
GENERAL EDUCATION AND TRAINING

NATURAL SCIENCES AND TECHNOLOGY

GRADE 5

TERM 1 TEST 2023

Name of School: _____

Name of Learner: _____

MARKS ALLOCATION: 35 MARKS

DURATION : 60 MINUTES

Questions	1	2	3	4	5	6	Total
Marks							35
Learners marks							

Knowledge Strand: Life and Living

Instructions:

1. This question paper consists of 6 pages including the cover page,
 2. Answer all the questions.
 3. Write your answer on the answer sheet provided.
 4. Use a pen to complete your paper.
 5. Write neatly and legibly
 6. Good luck.
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SECTION A
QUESTION 1 [5]

Read the questions carefully and circle the correct answer:

- 1.1. Interdependence is defined as:
- A. A situation in which people or things depend on each other.
 - B. A situation where plants and animals do not depend on each other.
 - C. Both A and B are correct.
 - D. None of the above.
- 1.2. Which of the following animals is NOT an example of a vertebrate?
- A. Crab
 - B. Cow
 - C. Frog
 - D. Pig
- 1.3. The stages in life of a living thing is called a...
- A. Sequence
 - B. Life cycle
 - C. Food chain
 - D. Time line
- 1.4. Which of the following animals is a carnivore?
- A. Kangaroo
 - B. Sheep
 - C. Lion
 - D. Giraffe
- 1.5. One of the functions of a skeleton is:
- A. To hold the vertebrate upright and form a frame structure that supports the body.
 - B. To break the brain down into pieces.
 - C. To restrict the vertebrate from moving.
 - D. Both A and B are correct.

QUESTION 2 {5}

State whether the following statements are true or false.

- 2.1. The ribs protect the lungs and heart. _____
- 2.2. Photosynthesis is the process where plants and animals make their own food using oxygen only. _____
- 2.3. Omnivores are animals that eat plants only. _____
- 1.4. A vertebrate is an animal with a backbone. _____
- 1.5. A habitat is a place where plants and animals live. _____

(5)

QUESTION 3 [5]

Match the definitions in column A with the words in column B. Write the letter from column B as your answer in column C.

COLUMN A	COLUMN B	COLUMN C
3.1. Begins to sprout or grow into a seed	A. Herbivore	
3.2. The place where two or more bones meet	B. Germination	
3.3. Substances that help living things grow.	C. Indigenous	
3.4. Plants and animals that live naturally in an area.	D. Carnivore	
3.5. Animals that eat plants.	E. Nutrients	

(5)

SECTION B

QUESTION 4 (FRAME AND SHELL STRUCTURES) [4]

Identify which are frame or shell structures in the pictures below.

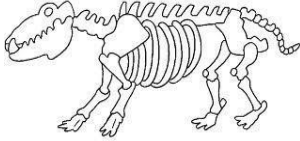
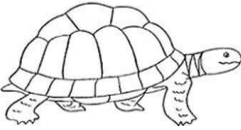


4.1. Write in the word shell or frame in the space provided below each picture

(a)

(b)

(c)

(d)

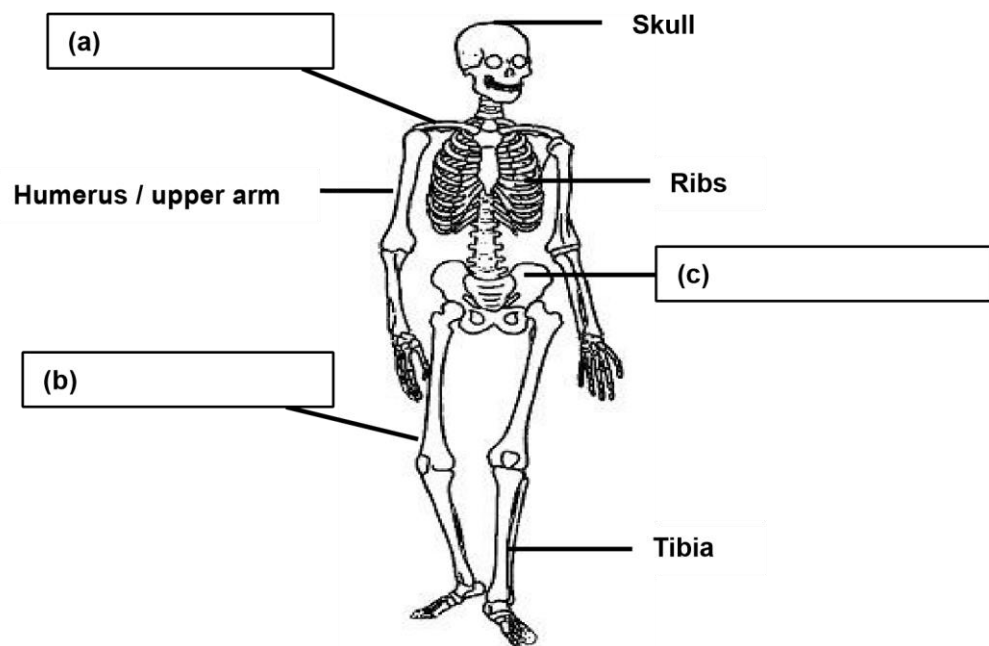
(4)

QUESTION 5 (SKELETONS AS STRUCTURES) [5]

Use the words in the table below and identify the numbered parts of the human skeleton.

5.1. Write down the correct label in the space labeled (a), (b) and (c) on the diagram below.

Femur	Pelvic / hip bone	Clavicle / collarbone	Spine
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(3)

5.2 Different parts of the skeleton have a function.

What is the function of the skull?

(2)

QUESTION 6 (FOOD CHAINS) [6]

The diagrams below show four living things found in a forest.

Study the diagrams and answer the questions that follow.



Owl



Oak tree

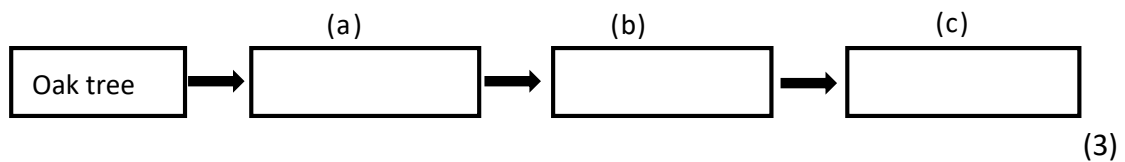


Black bird



Caterpillar

- 6.1. Complete the food chain of these four living things. Do not redraw the living things; only write the names in the correct order starting after the oak tree.



- 6.2. Why do we call an oak tree a producer?

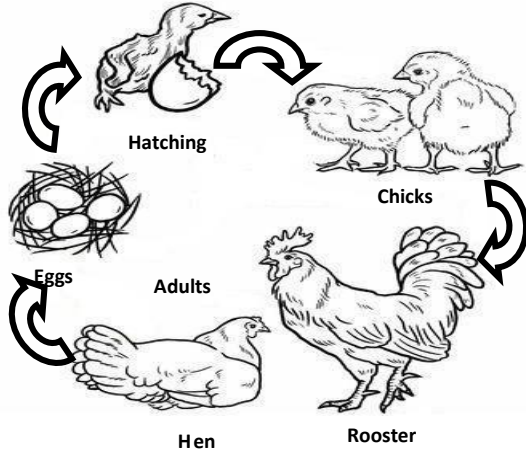
(2)

- 6.3. Which living thing in the food chain is an insect?

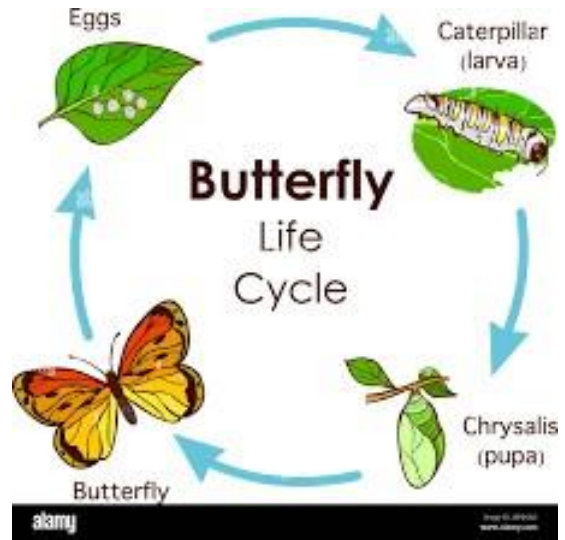
(1)

QUESTION 7 (LIFE CYCLES) [5]

Study the life cycle of the chicken and butterfly and answer the questions that follow.



Life cycle of a chicken



7.1. a. Identify and write down the vertebrate and invertebrate in the pictures.
(2)

7.2. Give a reason for your answer. (1)

7.3. Differentiate between the life cycle of the chicken and the butterfly.
(2)

GRAND TOTAL: 35