

# SMARTWIZ

## GRADE 4 NATURAL SCIENCE EXAM

**MARKS: 50**

MARKS	

**TIME: 1 hour**

**SCHOOL** \_\_\_\_\_

**CLASS (e.g. 4A)** \_\_\_\_\_

**SURNAME** \_\_\_\_\_

**NAME** \_\_\_\_\_

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### Instructions for Students:

- > Read all instructions carefully before beginning the exam.
- > Write your name and student ID clearly on the answer sheet/booklet.
- > Answer all questions unless otherwise stated.
- > Show all your work/calculations where applicable.
- > Write clearly and legibly.
- > Use blue or black ink only. \* Do not use correction fluid/tape.
- > No electronic devices (calculators, phones, etc.) are allowed unless explicitly permitted.
- > Raise your hand if you have any questions.
- > Do not talk to other students during the exam.
- > Any form of cheating will result in disqualification.

## QUESTION 1: Multiple Choice (10 marks)

Circle the correct answer.

1. What part of the plant makes food?  
a) Root  
b) Leaf  
c) Stem



2. Which animal is a mammal?  
a) Frog  
b) Dog  
c) Snake



3. What do bees collect from flowers?  
a) Water  
b) Nectar  
c) Soil

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4. What do plants need to grow?  
a) Water, sunlight, air  
b) Sand and rocks  
c) Plastic and glass



5. Which of these animals lays eggs?  
a) Chicken  
b) Cat  
c) Elephant

## QUESTION 2: Fill in the blanks (10 marks)

1. The \_\_\_\_\_ protects the plant and holds it in the soil.

2. Animals that eat only plants are called \_\_\_\_\_.



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3. The process by which plants make their own food is called \_\_\_\_\_.

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4. Birds have \_\_\_\_\_ to help them fly.

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5. The \_\_\_\_\_ helps humans to breathe.

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### QUESTION 3: Match the following (10 marks)

Match the animal to its group. Write the letter next to the number.

ANIMAL	GROUP
1. Butterfly	A. Mammal
2. Fish	B. Bird
3. Dog	C. Reptile
4. Snake	D. Insect
5. Eagle	E. Fish



### QUESTION 4: True or False (10 marks)

Write True or False next to each statement.

1. Plants need sunlight to make food.

2. All animals have scales.

3. The root of the plant takes in water from the soil.

4. Fish use lungs to breathe air.

5. The sun is a source of energy for plants and animals.

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### **QUESTION 5: Short Answer Questions (10 marks)**

1. Name two things that plants need to grow.

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2. What is the job of roots in a plant?

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3. Give one example each of a mammal and a bird.

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4. Why do animals need shelter?

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5. How does the sun help living things?

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**TOTAL: 50 MARKS**

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## QUESTION 1: Multiple Choice (10 marks)

1. b) Leaf
  2. b) Dog
  3. b) Nectar
  4. a) Water, sunlight, air
  5. a) Chicken
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## QUESTION 2: Fill in the blanks (10 marks)

1. root
  2. herbivores
  3. photosynthesis
  4. wings
  5. lungs
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## QUESTION 3: Match the following (10 marks)

1. Butterfly – D
  2. Fish – E
  3. Dog – A
  4. Snake – C
  5. Eagle – B
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## QUESTION 4: True or False (10 marks)

1. True
  2. False (Not all animals have scales)
  3. True
  4. False (Fish use gills to breathe)
  5. True
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## QUESTION 5: Short Answer Questions (10 marks)

1. Two things plants need to grow: Water and sunlight (accept air too)

2. Roots take in water and minerals from the soil and hold the plant in place.
  3. Mammal: Dog; Bird: Eagle (or any correct examples)
  4. Animals need shelter to protect themselves from weather and predators.
  5. The sun provides energy for plants to make food and keeps animals warm.
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✓ **TOTAL: 50 MARKS**

