

# SMARTWIZ

## GRADE 4 NATURAL SCIENCE EXAM

**MARKS: 50**

MARKS	

**TIME: 1 hour**

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

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

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

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

MYST PATHWORKS

### 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: Choose the correct word (10 marks)

Write the correct word in the space.

1. The part of the plant that holds it upright is called the \_\_\_\_\_.

\_\_\_\_\_

2. Animals that eat both plants and meat are called \_\_\_\_\_.

\_\_\_\_\_

3. The gas that humans breathe in is called \_\_\_\_\_.

\_\_\_\_\_

4. A baby frog is called a \_\_\_\_\_.

\_\_\_\_\_

5. Plants need \_\_\_\_\_ to make food.

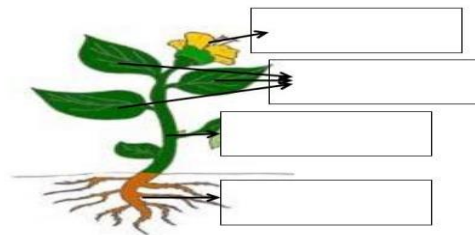
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## QUESTION 2: Label the parts of the plant (10 marks)

Write the correct name for each number on the picture below.

### The parts of a



1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

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### QUESTION 3: True or False (10 marks)

Write True or False next to each sentence.

1. Animals use their senses to find food.

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2. The sun gives off heat and light energy.

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3. Fish live on land.

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4. Plants produce seeds to make new plants.

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5. Humans and plants both need water to live.

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### QUESTION 4: Match the animal to its food (10 marks)

Match the animal on the left to the food it eats on the right.

#### ANIMAL FOOD

- |           |            |
|-----------|------------|
| 1. Cow    | A. Insects |
| 2. Lion   | B. Grass   |
| 3. Bee    | C. Meat    |
| 4. Rabbit | D. Nectar  |
| 5. Spider | E. Carrots |

Write the letter next to the number.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
-

## QUESTION 5: Short Questions (10 marks)

1. Name two things animals need to survive.

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2. Why do plants have flowers?

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3. What is the role of the stem in a plant?

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4. How do animals protect themselves from danger?

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5. What are three sources of energy for living things?

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**TOTAL: 50 MARKS**

**QUESTION 1: Choose the correct word (10 marks)**

1. stem
2. omnivores
3. oxygen
4. tadpole
5. sunlight

**(2 marks each = 10 marks)**

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**QUESTION 2: Label the parts of the plant (10 marks)**

1. Root
2. Stem
3. Leaf
4. Flower

**(2.5 marks each = 10 marks)**

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**QUESTION 3: True or False (10 marks)**

1. True
2. True
3. False
4. True
5. True

**(2 marks each = 10 marks)**

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**QUESTION 4: Match the animal to its food (10 marks)**

1. Cow – B. Grass
2. Lion – C. Meat
3. Bee – D. Nectar
4. Rabbit – E. Carrots
5. Spider – A. Insects

**(2 marks each = 10 marks)**

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

1. Any two of the following: food, water, air, shelter (1 mark each = 2)
  2. Flowers help the plant reproduce / make seeds. (2 marks)
  3. The stem holds the plant upright and carries water and nutrients. (2 marks)
  4. Animals can hide, run, bite, or use colors to protect themselves. (2 marks)
  5. Sunlight, food, water (Any 3 correct = 2 marks)
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✓ **TOTAL: 50 MARKS**

