SMARTWIZ GRADE 4 NATURAL SCIENCE EXAM

| MARKS: 50 | MARKS | |
|-----------------|-------|---|
| TIME: 1 hour | | |
| SCHOOL | | |
| CLASS (e.g. 4A) | | |
| SURNAME | | _ |
| NAME | | 1 |

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 answer (10 marks)

Circle the correct answer.

d) Soil

a) Dogb) Catc) Chickend) Cow

5. Which of these animals lays eggs?

| 1. | Which part of the plant takes in water? |
|----|---|
| | a) Leaf |
| | b) Root |
| | c) Flower |
| | d) Stem |
| 2. | Which one is NOT a mammal? |
| | a) Cat |
| | b) Elephant |
| | c) Frog |
| | d) Whale |
| 3. | What helps birds to fly? |
| | a) Fur |
| | b) Teeth |
| | c) Wings |
| | d) Fins |
| 4. | What is the sun a source of? |
| | a) Light and heat |
| | b) Food |
| | c) Water |

QUESTION 2: Match the columns (10 marks)

Draw a line or write the correct letter to match the animal with where it lives.

| ANIMAL | PLACE IT LIVES |
|-----------|------------------|
| 1. Fish | A. Tree |
| 2. Bird | B. Water |
| 3. Mole | C. Nest |
| 4. Lion | D. Ground/Burrow |
| 5. Monkey | E. Land/Savannah |

Write the letter next to the number:

| 1 | |
|------|--|
| 1. | |
| 2. — | |
| 2. | |
| 3. — | |
| 4 | |
| 4. | |
| 5. — | |

QUESTION 3: Fill in the missing words (10 marks)

Choose from the box and fill in the blanks. (Each word can be used only once.)

[air, energy, stem, eggs, sense]

1. We need ______ to breathe.

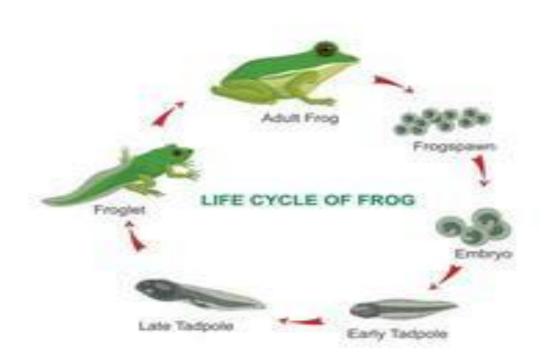
| 2. | The sun gives plants to grow. |
|----|----------------------------------|
| 3. | The carries water to the leaves. |

4. Reptiles lay ______

5. Animals use their _____ organs to feel and see.

QUESTION 4: Diagram - Life cycle (10 marks)

Look at the picture of the Life Cycle of a Frog below.



| 2. 3. | |
|----------|---|
| ٠. | |
| a | nswer: |
| 5. | Why is a life cycle important for animals? |
| | |
| | |
| JI | ESTION 5: Short answer (10 marks) |
| we | r in full sentences. |
| 1. | What is the job of the leaves on a plant? |
| | MYST PATHWORKS |
| | |
| 2. | Name TWO things a plant needs to make its own food. |
| | |
| | |
| | How do humans use plants in their daily lives? Give TWO examples. |
| | |
| 3. | How do humans use plants in their daily lives? Give TWO examples. Why is water important for animals and plants? |

TOTAL: 50 MARKS

♥ MEMO: GRADE 4 NATURAL SCIENCE EXAM PAPER

QUESTION 1: Choose the correct answer (10 marks)

- 1. b) Root
- 2. c) Frog
- 3. c) Wings
- 4. a) Light and heat
- 5. c) Chicken

(2 marks each = 10 marks)

QUESTION 2: Match the columns (10 marks)

- 1. Fish B. Water
- 2. Bird C. Nest
- 3. Mole D. Ground/Burrow
- 4. Lion E. Land/Savannah
- 5. Monkey A. Tree

(2 marks each = 10 marks)

QUESTION 3: Fill in the missing words (10 marks)

- 1. air
- 2. energy
- 3. stem
- 4. eggs
- 5. sense

(2 marks each = 10 marks)

QUESTION 4: Diagram - Life cycle (10 marks)

Stages:

- 1. Egg
- 2. Tadpole
- 3. Froglet
- 4. Adult frog

Why is a life cycle important for animals?

- So animals can grow and reproduce.
- It helps life to continue. (Any relevant answer = 2 marks)

(2 marks per label + 2 marks for explanation = 10 marks)

QUESTION 5: Short answer (10 marks)

- 1. Leaves help the plant to make food using sunlight.
- 2. Sunlight and water (also: air or carbon dioxide).
- 3. Humans use plants for food and medicine / clothes / building materials (any 2).
- 4. Water helps plants grow and animals stay alive. It's needed for life.

(2 marks each = 10 marks)

♥ TOTAL: 50 MARKS