

**Student Name:** \_\_\_\_\_**Class:** \_\_\_\_\_**Student ID:** \_\_\_\_\_**Date:** {{DATE}}

## Assessment Details

**Duration:** 45 minutes**Total Marks:** 30**Topics Covered:**

- Incubation
- Hatching
- Brooding
- Growth
- Maturity

## Instructions to Students:

1. Read all questions carefully before attempting.
2. Show all working out - marks are awarded for method.
3. Write your answers in the spaces provided.
4. If you need more space, use the additional pages at the end.
5. Time management is crucial - allocate approximately 1 minute per mark.

Section A: Multiple Choice Questions [3 marks]

Question 1

[1 mark]

What is the primary source of nutrition for a chick during the brooding stage?

A) Feed

B) Water

C) Yolk sac

D) Mother's milk

Question 2

[1 mark]

Which stage of a chicken's life cycle is characterized by rapid growth and development?

A) Incubation

B) Hatching

C) Growth

D) Maturity

Question 3

[1 mark]

What is the term for the process by which a chick emerges from its egg?

A) Incubation

B) Hatching

C) Brooding

D) Fledging

**Question 4**

**[5 marks]**

Describe the importance of the incubation stage in a chicken's life cycle.

**Question 5**

**[5 marks]**

Explain how environmental factors can affect chicken development during the growth stage.

**Question 6**

**[17 marks]**

Analyze the factors that affect chicken development throughout its life cycle. Be sure to include the impact of nutrition, environment, and genetics on each stage.

## Marking Guide

Multiple Choice Questions: 1 point each, totaling 3 points.

Short Answer Questions:

- Importance of incubation:
  - Clearly describes the stage and its importance (5 points).
  - Partially describes the stage and its importance (2-3 points).
  - Fails to describe the stage and its importance (0-1 point).
- Environmental factors affecting chicken development:
  - Clearly explains the factors and their impact (5 points).
  - Partially explains the factors and their impact (2-3 points).
  - Fails to explain the factors and their impact (0-1 point).

Essay Question:

- Comprehensive analysis of factors affecting chicken development across all stages, including nutrition, environment, and genetics (17 points).
- Partial analysis, covering some stages and factors (8-16 points).
- Limited or no analysis (0-7 points).

## Implementation Guidelines

**Time Allocation:** The assessment will last 45 minutes, divided into 15 minutes for multiple-choice questions, 15 minutes for short answer questions, and 15 minutes for the essay question.

**Administration Tips:** Ensure all students have the necessary materials (pens, pencils, paper). For students with disabilities, provide accommodations as needed, such as extra time or the use of a computer for the essay question.

## Conclusion

Thank you for completing the Life Cycle of a Chicken assessment! Please review your work carefully and ask your teacher if you have any questions or concerns.