



The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural and Plantation Engineering

Study Programme	: Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGI4460 Animal Husbandry and Production
Academic Year	: 2024/2025
Date	: 22.02.2026
Time	: 9.30 a.m. – 12.30 p.m.
Duration	: 3 hours

General Instructions

1. Read all instructions carefully before answering the questions.
2. Answers should be in clear hand writing.
3. Do not use red color pen.
4. This question paper consists of **two (02) sections**.

Section 1

- Consists of 15 questions in **four (04) pages**.
- Answer all questions.
- All questions carry equal marks (5 marks/question).
- Write answers only in the space provided.
- Please do not remove the question paper from the examination hall.
- You may spend **one (01) hour** to answer this section.

Section 11

- Contain **six (06) questions**.
- Answer any **four (04) questions**.
- You may spend **two (02) hour** to answer this section.
- All questions carry equal marks.
- Answer for each question should commence from a new page.

Index number

Section 1

1. What is meant by **breeder flock** in poultry industry?

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.....

2. What is the importance of **shape index** in poultry management?

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.....

3. Briefly explain the importance of **candling** in poultry management.

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4. Name **three (03)** environmental factors more critical in the incubation period of poultry eggs.

- i.
- ii.
- iii.

5. List **five (05)** disadvantages of natural incubation.

- i.
- ii.
- iii.
- iv.
- v.

6. Briefly explain the importance of brooding in poultry management

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7. What is meant by **culling** in poultry management?

.....

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8. Briefly explain the importance of **debeaking** in poultry management

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9. List **five (05)** advantages of intensive system of poultry/cattle management.

- i.
- ii.
- iii.
- iv.
- v.

10. Name the four compartment of ruminant stomach.

- i.
- ii.
- iii.
- iv.

11. Differentiate between **pasture** and **fodder**.

Pasture

.....

Fodder

.....

12. Differentiate between **continuous grazing** and **zero grazing**

Continuous grazing

.....

Zero grazing

.....

13. What is meant by,

i. Hay

ii. Silage

14. Differentiate between close cutting and lax cutting used in pasture management.

Close cutting.....

.....

Lax cutting

.....

15. List **five (05)** advantages of mechanization of milking

i.

ii.

iii.

iv.

v.

[End of the section 1]



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Section 11

1. Discuss five (05) socio-economic importance of animal husbandry in Sri Lanka
2. Describe five (05) measures that can be taken to increase the cow milk production in Sri Lanka.
3. Discuss five (05) difficulties face by the poultry farmers in Sri Lanka
4. Explain the process of broiler meat processing.
5. Discuss the importance of mechanization of animal farming in Sri Lanka
6. Explain five (05) factors to be considered when selection of eggs for incubation.
