



Higher National Diploma in Technology (Agriculture)
Second Year, Second Semester Examination – 2016
AG2205 – Goat and Rabbit Production

Instructions for Candidates:

The question paper contains part I and Part II
Answer all questions in Part I.
Answer only two (02) questions in Part II.

No of questions : 05
No of pages : 03
Time: One and half (1 & 1/2) hours

Part I

Q1.

- i) Give two (02) body characters of following rabbit breeds. (4 marks)

Angora

1. -----
2. -----

Californian white

1. -----
2. -----

- ii) What is the use of nest boxes for rabbit cages? (2 marks)

- iii) List three (03) external characters for both buck and doe for breeding? (6 marks)

- iv) Write down two (02) symptoms of oestrus cycle of rabbit? (2 marks)

- v) Give the meaning of following terms used in rabbit/goat management.

Kidding : -----
Fecundity : -----
Prolificacy : -----

(6 marks)
(Total 20 marks)

Q2.

- i) Give two (02) body characters of following Goat breeds. (4 marks)
Jamnapari

1-----
2-----

Boer

1-----
2-----

- ii) What is the scientific name of domesticated goat? (2 marks)

- iii) Give the male to female ratio of goat for breeding under Sri Lankan condition. (2 marks)

- iv) Write three (03) identification methods of goats and rabbits separately. (6 marks)

Goat-----

Rabbit-----

- v) List down three (03) separate physiological stages to be considered during management of breeding doe. (6 marks)

(Total 20 marks)

PART – II

Q3.

- i) Describe the advantages of rabbit farming.
- ii) Explain the constraints of rabbit farming.

(15 marks)

(15 marks)

(Total 30 marks)

Q4. Briefly explain any two (02) of the following.

- i) Management of new born kids of rabbits
- ii) Sex determination of rabbits
- iii) Saanen goat breed

(15 marks)

(15 marks)

(15 marks)

(Total 30 marks)

Q5.

- i) Identify the signs of goat kidding.

(15 marks)

- ii) Explain five (05) factors that should be considered when selecting a goat buck for breeding.

(15 marks)

(Total 30 marks)