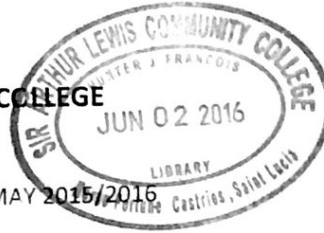


SIR ARTHUR LEWIS COMMUNITY COLLEGE

Division of Agriculture



END OF SEMESTER TWO EXAMINATION – MAY 2015/2016

PROGRAMME TITLE : General Agriculture – Certificate
COURSE TITLE : Small Stock Production
COURSE CODE : AGR104
DATE : 3rd May 2016
TIME : 9:00 a.m.
DURATION : 2 hours
ROOM : Room 2
INVIGILATOR(S) : All Lecturers



INSTRUCTIONS:

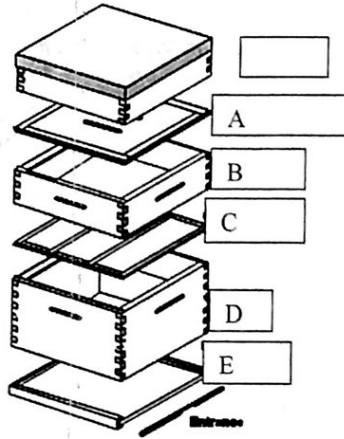
- *This paper consists of four **COMPULSORY QUESTIONS**.*
- *You are required to answer questions on the paper provided.*
- *Marks awarded to each question are indicated at the end of each question.*

INSTRUCTIONS:

This paper consists of four COMPULSORY QUESTIONS. You are required to answer questions on the paper provided.

Marks awarded to each question are indicated at the end of each question.

1. The following is a diagram of the most common type of beehive used in apiaries in Saint Lucia.



- a. Name the type of hive. [1]
- b. State the function of EACH part of hive labeled A-E. [5]
- c. State TWO (2) ways that beekeeping can be beneficial to a farmer. [2]
- d. Name THREE (3) products that a farmer can get **directly** from a beehive. [3]
- e. Explain the process of honey harvesting. [5]
- f. Give FOUR factors to be considered when selecting a location for a beehive. [4]
- g. Give ONE (1) function of EACH caste of bees in a hive. [3]
- h. Give ONE (1) distinguishing PHYSICAL feature of EACH caste. [3]

TOTAL 25

2. Livestock production can play a significant role in the economies of the Caribbean.

- a. Do you agree or disagree with this statement? Give THREE reasons for your answer. [4]
- b. List and explain any five (5) factors that impact livestock production in the Caribbean. [15]
- c. Which of those factors listed above would you consider to be under the control of the farmer? Give THREE reasons for your answer. [6]

TOTAL 25

3. Many livestock farmers in Saint Lucia are engaged in pig production.
- a. Name THREE (3) common breeds of pigs reared in Saint Lucia. [3]
 - b. Using ANY THREE distinguishing features, differentiate among the breeds named above. [9]
 - c.
 - i. List THREE (3) practices which must be done in preparation for farrowing. [3]
 - ii. Give ONE reason for each practice listed above. [3]
 - d.
 - i. Name THREE (3) practices that are recommended to be carried out on young piglets. [3]
 - ii. State how ANY ONE (1) of the practices identified is carried out. [4]

TOTAL 25

4. As a farmer, you are trying to choose between rabbit production and small ruminant production.
- a. Which would you choose? Give THREE (3) reasons for your choice of enterprise. [3]
 - b.
 - i. Which TWO (2) breeds of rabbits would you use in your production unit? [2]
 - ii. Give TWO (2) reasons for your choice. [2]
 - c. Name THREE (3) breeds of sheep and TWO (2) breeds of goats which you could use in your enterprise. [5]
 - d. Give TWO (2) characteristics of EACH breed of sheep named above. [6]
 - e. Give TWO (2) characteristics EACH breed of goat named in c above. [4]
 - f. State THREE (3) signs of ill health in your small ruminants. [3]

TOTAL 25

END OF TEST