

SECTION A: (20 MARKS)

Answer all questions in this part. Answers are to be written in the spaces provided. Put the correct answer in the box.

1. (a) Why is a dairy cow groomed?

- A To facilitate milking
- B To facilitate blood circulation.
- C To facilitate clean milk production
- D To remove ecto parasites

☐

(b) What is the use of soft loans in agriculture?

- A Constructing farm structures
- B Buying improved livestock.
- C Buying farm machinery
- D Buying seeds and feeds.

☐

(c) What is DAP applied by drilling method?

- A Does not scotch the roots.
- B Promotes root development
- C Promotes leaf formation
- D Can easily be leached out of soil.

☐

(d) Which of this is a limitation in the use of a spray race?

- A Low cost of installing
- B Risk of poisoning the animals
- C Large number of animals to spray
- D Power failure during operation.

☐

(02marks)

(04marks)

2. State the advantages of bucket feeding.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(01mark)

3. (a) What is the equilibrium price

.....

.....

.....

.....

.....

(b) Give ways in which price is determined in a market.

(04marks)

4 (a) State the benefits derived from the use of farm manure in crop growth. (04marks)

5 State the importance of a crop store on the farm.

(05marks)

SECTION B: (80 MARKS)

Answer *four* questions from this part at least one question from each section. Any extra number attempted will not be marked.

SECTION I: MECHANISATION AND FARM MANAGEMENT

6 (a) What are the features of a good plunge dip?

(05marks)

(b) Describe how dipping is achieved using a plunge dip

(10marks)

(c) What factors affect the effectiveness of dipping?

(05marks)

- 7 (a) State the problems facing the marketing of agriculture products (06marks)
 (b) Explain the different market functions carried out in marketing (14marks)
- 8 (a) State the differences between a petrol and diesel engine. (08marks)
 (b) Mention giving reasons the points to check before taking a tractor to work (12marks)

SECTION II CROP PRODUCTION

- 9 (a) What are the reasons for cultivating land before planting crops? (08marks)
 (b) Explain the practices farmers carry out to increase crop yields (12marks)
- 10 (a) State the importance of pastures on the farm (10marks)
 (b) Describe how a mixed pasture can be established on the farm (10marks)
- 11 (a) Give reasons why most vegetables are first raised from a nursery bed (04marks)
 (b) How can you prepare a nursery bed for raising cabbages? (10marks)
 (c) State the care given to seedlings growing in a nursery bed (06marks)

SECTION III ANIMAL PRODUCTION

- 12 (a) What is milk let down? (02 marks)
 (b) Describe the milk let down process in a cow (10 marks)
 (c) How may the quality of milk produced on the farm be lowered? (08 marks)
- 13 (a) Why should livestock farmers keep their animals healthy? (06 marks)
 (b) Explain the practices farmers carry out to control livestock diseases (14 marks)
14. (a) with the aid of diagram, describe how an egg is formed in a hen (14 marks)
 (b) State the abnormalities that occur during egg formation process (06 marks)

END