



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Prevocational Certificate of Secondary Education

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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AGRICULTURAL TECHNOLOGY

5920/02

Paper 2

Specimen Paper October/November 2025-2026

Additional Material: Calculator

2 hours

Total: 100 marks

INSTRUCTIONS:

Write your candidate name, centre number and candidate number on all the work you hand in.

Write in **blue or black ink**.

This paper consists of **two (2)** sections. **Section A** and **Section B**

Section A consists of short, structured questions worth **60** marks. Answer **all** questions.

Section B consists of **three (3)** essay questions. Candidates must answer **two (2)** essays worth **40** marks.

You may use a soft pencil for any diagrams, graphs or rough working.

Do **not** use staples, paper clips, high lighters, glue or correction fluid.

<i>For Examiner's Use</i>	
Section A	
Section B	
Total	

This document consists of **12** printed pages.

Section A: Short Structured Questions

Answer **all** questions in this section **(60 Marks)**

- 1 (a) State any **two** conditions necessary for storing eggs.
- (i).....
- (ii)..... [2]
- (b) Describe how the day length affects laying.
-
-
- [2]

[4 marks]

- 2 Fig. 2.1 shows a broiler growth chart.

Broiler Growth Chart

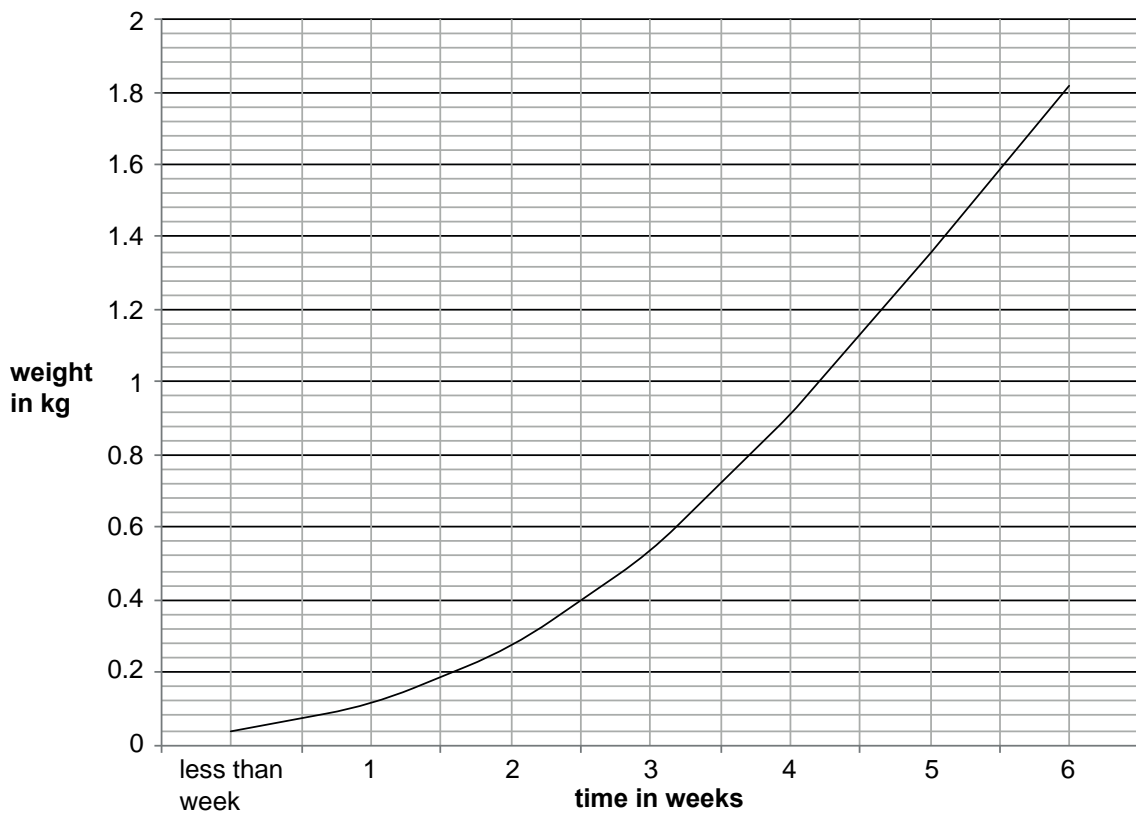


Fig. 2.1

- (a) Calculate the weight gain between week 2 and week 6?
- [2]
- (b) Describe the feed given to broilers from day old to week 6 as shown in **Fig. 2.1**.
-
-
- [3]

[5 marks]

3 (a) State the importance of keeping records in pig production.

.....
.....
..... [2]

(b) Describe flushing in pig production.

.....
.....
..... [2]

(c) Describe the importance of cleaning a farrowing pan for a sow with hot water.

.....
.....
..... [2]

[6 marks]

4 (a) State any **three** features considered when buying goats for breeding.

(i).....
(ii).....
(iii)..... [3]

(b) Describe the kidding process in goats.

.....
.....
..... [3]

[6 marks]

5 (a) Name **two** advantages of using seed trays in vegetable production.

(i).....
(ii)..... [2]

(b) Explain how drip irrigation reduces the incidence of weeds in vegetable production.

.....
.....
..... [2]

[4 marks]

6 Fig. 6.1 shows a pest in a bean flower.



Fig. 6.1

(a) Name the pest shown in Fig. 6.1.

..... [1]

(b) Describe the effects on beans caused by the pest shown in Fig. 6.1.

.....
.....
..... [3]

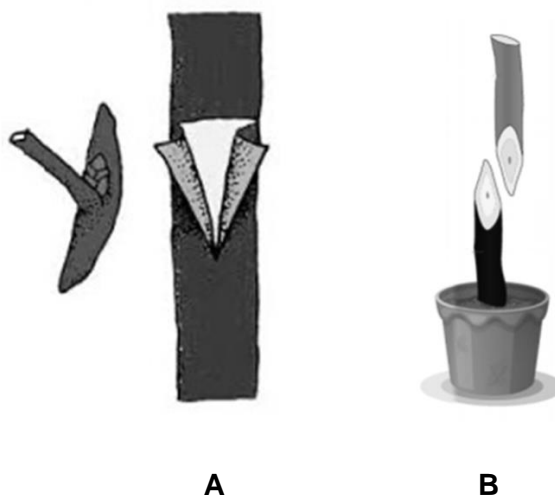
[4 marks]

7 (a) Give any **two** reasons why fruit trees are propagated vegetatively.

(i).....

(ii)..... [2]

(b) Fig. 7.1 shows two methods of vegetative propagation.



Name the methods shown in Fig. 7.1

A.....

B..... [2]

[4 marks]

8 (a) Fig 8.1 shows an irrigation method used in fruit production.



Fig. 8.1

(i) Name the irrigation method shown in Fig. 8.1?
 [1]

(ii) State any **two** disadvantages of the irrigation method shown in Fig. 8.1?
 1.....
 2..... [2]

(b) Describe how cover cropping can conserve the environment.

 [3]

[6 marks]

9 (a) State any **three** strategies that could be used to mitigate soil pollution.

.....
.....
..... [3]

(b) Outline **three** roles of agroforestry in Eswatini.

.....
.....
..... [3]

[6 marks]

10 (a) State any two plants that could be used in Eswatini for landscaping purposes.

(i).....

(ii)..... [2]

(b) Describe the importance of a green house in horticulture.

.....
.....
..... [2]

[4 marks]

11 (a) State any **three** factors considered when selecting a site for an apiary.

.....
.....
..... [3]

(b) Describe **one** problem a beekeeper may have in apiculture.

(i) Problem

..... [1]

(ii) Description

..... [1]

[5 marks]

12 (a) State the process of storing honey.

.....
.....
.....
..... [3]

(b) Describe the processing required to make a candle from beeswax.

.....
.....
.....[3]

[6 marks]

Section B: Essay Questions

Answer **any two** questions in this section **(40 Marks)**.

- 13** (a) Describe how a farmer could increase farm profits when selecting sows for breeding. [5]
(b) Describe how a farmer would prepare a farrowing pen for a pregnant sow. [5]
(c) Discuss the management of fatteners from weaning to selling. [10]
[20 Marks]
- 14** (a) Describe the factors considered by a farmer when selecting a suitable cultivar for a maize crop. [5]
(b) Describe crop rotation, giving an example of this farming system. [5]
(c) Discuss how maize production can be maximised under the following sub topics:
(i) weeding
(ii) fertilizer application [10]
[20Marks]
- 15** (a) Compare the differences in the design of a formal garden to those of an informal garden. [5]
(b) Explain the process of potting plants. [5]
(c) Discuss the factors that need to be considered when preparing the land for a high-quality lawn, such as for sports use. [10]
[20 Marks]

