END TERM 3 2026

GRADE 10

AGRICULTURE

CANDIDATE QUESTION PAPER

TIME: 2 HOURS 30 MINUTES

TOTAL: 80 MARKS

Name: _____

Assessment Number: _____

Class / Stream: _____

Date: _____

INSTRUCTIONS TO CANDIDATES

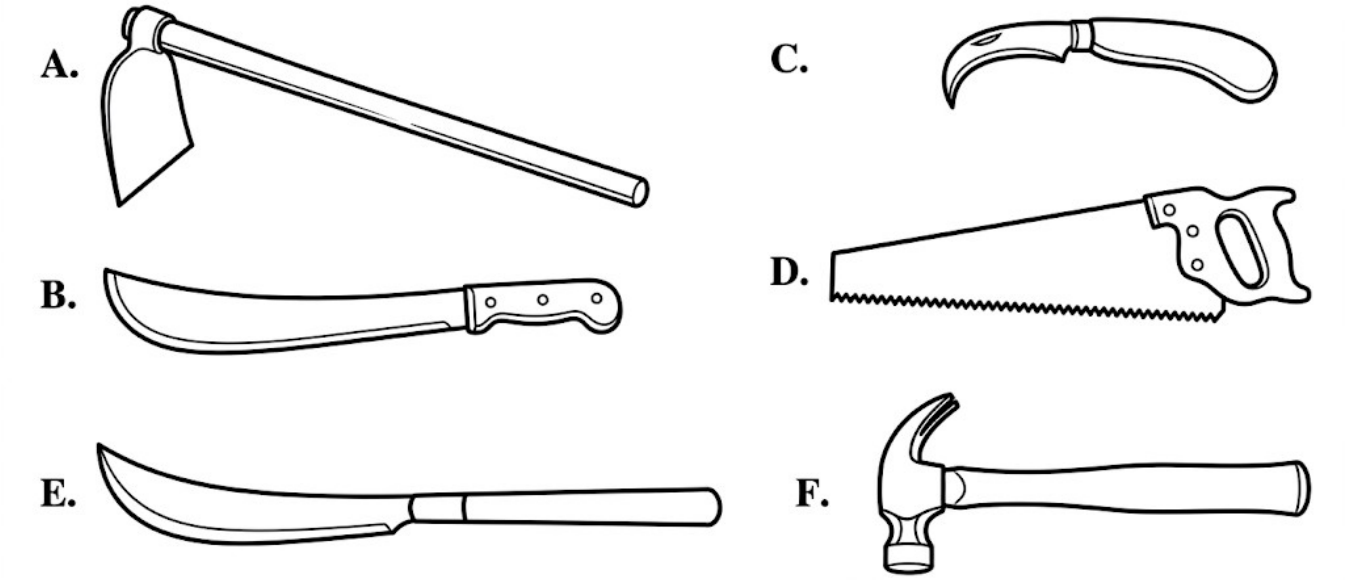
1. Write your name, assessment number, class/stream and date in the spaces provided.
2. Read all questions carefully before answering.
3. Answer ALL questions.
4. Show all working where calculations are required.
5. Use clear and legible handwriting.
6. Where a diagram is required, use clear labels and appropriate proportions.
7. Use the units specified in the question where applicable.
8. Check the question paper to ensure that all pages and questions are present.
9. Answer all questions in English unless otherwise directed by the teacher.

EXAMINER'S USE ONLY

Section	Question Numbers	Maximum Score	Candidate's Score
A	1–2	20	
B	3–4	30	
C	5–6	30	
TOTAL		**80**	

SECTION A — AGRICULTURAL TECHNOLOGIES

Answer Questions 1 and 2.



1. Study the agricultural tools represented by the diagram above.

(a) Name the tools labelled A, B, C and D. **(4 marks)**

(b) State one agricultural use of each of the four tools named in (a). **(4 marks)**

(c) State two safety precautions that should be observed when using agricultural tools. **(2 marks)**

2. Agricultural produce may be processed to increase its usefulness and value.

(a) Explain the meaning of value addition in agricultural production. **(2 marks)**

(b) Give three examples of agricultural produce that may be subjected to value addition. **(3 marks)**

(c) State three considerations that should be observed when processing agricultural produce. **(3 marks)**

(d) Explain two benefits of processing agricultural produce before it reaches the consumer. **(2 marks)**

SECTION B — AGRICULTURAL ENTERPRISE AND MARKETING

Answer Questions 3 and 4.

3. A school agriculture club intends to establish a small vegetable enterprise.

(a) Explain the following factors of production as they apply to an agricultural enterprise: land, labour, capital and entrepreneurship. **(8 marks)**

(b) Describe three ways through which the club could acquire capital to establish the enterprise. **(3 marks)**

(c) State four factors that the club should consider when selecting an agricultural enterprise. **(4 marks)**

4. A farmer prepares vegetables for sale. During one marketing exercise, the following costs and sales were recorded:

Item	Amount (Ksh)
Transportation	2,500
Advertising	1,000
Market authority charges	500
Taxes	750
Packaging	1,250
Total sales	18,000

(a) State five ways in which agricultural produce can be prepared for marketing. **(5 marks)**

(b) Calculate the total marketing expenses and the net return from the sale. **(4 marks)**

(c) Distinguish between a physical market outlet and a digital market outlet for agricultural produce. Give one example of each. **(4 marks)**

(d) Explain one importance of properly preparing agricultural produce before marketing it. **(2 marks)**

SECTION C — COMPOSTING AND INTEGRATED APPLICATION

Answer Questions 5 and 6.

5. Composting is one of the techniques used to produce organic manure.

(a) Define compost manure. **(2 marks)**

(b) Describe four factors that influence the quality of compost manure. **(4 marks)**

(c) Describe two methods that may be used to produce compost manure, including one conventional method and one innovative method. **(4 marks)**

(d) State three ways in which composting contributes to soil improvement. **(3 marks)**

(e) State two conditions that should be maintained to support effective decomposition during composting. **(2 marks)**

6. A youth agriculture group has Ksh 20,000 and plans to start a small agricultural enterprise involving crop produce, simple processing and compost production.

(a) State four tools or pieces of equipment the group may require when carrying out agricultural production, processing or related enterprise activities. **(4 marks)**

(b) Outline three steps the group could follow when carrying out value addition on a selected crop product. **(3 marks)**

(c) State three possible ways through which the group could acquire additional capital if the Ksh 20,000 is insufficient. **(3 marks)**

(d) State three market outlets through which the group could sell its agricultural produce. **(3 marks)**

(e) Explain two ways in which the compost produced by the group could support an existing crop enterprise. **(2 marks)**

END OF QUESTION PAPER