

# 2025 SHS1 END OF SEMESTER EXAM AGRICULTURE 2

## SECTION B (1 HOUR 10 MINUTES)

*Answer only three (3) questions from this section. All questions carry equal marks*

1. a. Mention five (5) sources of agricultural farm power. (5 marks)  
b. Indicates five (5) importance of crop plants (5 marks)  
c. State three (3) classification of crops based on growth cycle (3 marks)  
d. State five (5) classifications of crops based on uses (5 marks)  
e. Mention two (2) principles of crop productions (2 marks)
  
2. a. Explain what is meant by farm mechanization. (2 marks)  
b. State five (5) benefits of agricultural mechanization (5 marks)  
c. Indicate five (5) limitations of agricultural mechanization (5 marks)  
d. Mention five (5) disadvantages of farm mechanization (5 marks)  
e. List three (3) content in the first aid box. (3 marks)
  
3. a. Define occupational injuries in agricultural production. (2 marks)  
b. Mention five (5) types of injuries in agricultural production (5 marks)  
c. The floor space of a poultry house is  $10\text{m} \times 6\text{m}$ .  
how many chicks at 10 weeks will be required to occupy the house?  
(take recommended floor space per bird as  $0.10\text{m}^2$ ) (5 marks)  
d. A poultry farmer took delivery of 1200 day-old chicks from a hatchery.  
They were housed in a farm with floor space of  $12\text{m} \times 8\text{m}$ .  
calculate the recommended floor space per chick. (5 marks)  
e. Explain Planting density as been used in agriculture. (3 marks)
  
4. a. What is germination percentage? (2 marks)  
b. Explain the meaning of area in measurement. (3 marks)  
c. The sides of school garden are  $21\text{m} \times 19\text{m}$ . find the area of the school garden. (3 marks)  
d. Analyse the meaning of direct measurement. (2 marks)  
e. Copy and complete the table below (10 marks)

Quantity	Unit	Symbol
Amount of substance		
Luminous intensity		
Electric current		
Mass		
Temperature		

***END OF ESSAY TEST***