

2024 WASSCE SUPER MOCK GENERAL AGRICULTURE 2
GENERAL AGRICULTURE

PAPER 2

2 hours

ESSAY

[80 marks]

*Answer **five** questions in all; **one** question from **each** section.
Credit will be given to clarity of expression and orderly presentation of material.*

*All questions carry **equal** marks*

SECTION A

*Answer **one** question **only** from this section.*

1. (a) State **four** factors that influence sustainable agriculture production in Ghana. (4 marks)
- (b) Outline **three** routine maintenance carried out on a tractor. (6 marks)
- (c) Explain **three** factors that accelerate agricultural development in Ghana. (6 marks)

2. (a) Outline **four** factors to be considered in planning a farmstead. (8 marks)
- (b) Explain **four** problems associated with communal land ownership in Ghana. (8 marks)

SECTION B

*Answer **one** question **only** from this section.*

3. (a) Distinguish between the following terms:
 - i. micronutrients and macronutrients. (3 marks)
 - ii. straight fertilizer and compound fertilizer. (3 marks)
- (b) Discuss **five** ways in which organic matter helps in maintaining soil productivity. (10 marks)

4. (a) Describe the following methods of land preparation:
 - i. Slashing
 - ii. Stumping
 - iii. Mounding
 - iv. Ridging(8 marks)
- (b) Discuss **four** ways in which soil loses its fertility. (8marks)

SECTION C

*Answer **one** question **only** from this section.*

5. (a) State **four** economic factors that cause the death of transplanted seedlings. (4 marks)
- (b) Outline the steps involved in calibrating a knapsack sprayer. (6 marks)
- (c) Explain **three** ways in which mulching improved crop yield. (6 marks)

6. (a) Mention **two** causes of non - pathogenic diseases of crops. (2 marks)
(b) State **four** objectives of tillage. (4 marks)
(c) Discuss **five** problems affecting rice production in West Africa. (10 marks)

SECTION D

Answer one question only from this section.

7. (a) (i) Define the term cross - breeding as used in animal improvement.
(ii) State **four** advantages of cross breeding in animal production. (6 marks)
(b) Discuss five ways in which fish farming is important to the economy of your country. (10 marks)
8. (a) Give two advantages of each of the following animal husbandry practices:
i. creep feeding
ii. debeaking (4 marks)
(b) Mention **two** bacterial diseases of farm animals. (2 marks)
(c) Describe **five** symptoms of ill-health in farm animals. (10 marks)

SECTION E

Answer one question only from this section.

9. (a) List **four** records that are kept on a farm. (4 marks)
(b) (i) Define the term value chain as used in agriculture.
(ii) State **two** benefits of value chain development in agriculture production. (6 marks)
(c) Discuss **three** factors to be considered in the establishment of an agribusiness. (6 marks)
10. (a) State **two** advantages and two disadvantages of the individual extension teaching method. (4 marks)
(b) Give **two** reasons for carrying out each of the following marketing functions:
(i) grading
(ii) advertising
(iii) packaging (6 marks)
(c) Explain **three** factors that determine the supply of land for agricultural production. (6marks)

END OF ESSAY TEST