

# CSEC Agricultural Science Double Award

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## Paper 2 – Structured Questions

Time: 2 hours 30 minutes

Total Marks: 100

Answer all questions in the spaces provided.

1. (a) Define the term 'photosynthesis'. (2 marks)  
(b) Describe two environmental factors that affect the rate of photosynthesis. (4 marks)  
(c) Draw and label a diagram of a chloroplast. (4 marks)  
(Total 10 marks)
2. (a) List three functions of the root system in plants. (3 marks)  
(b) Explain the process of transpiration and its importance to plants. (5 marks)  
(c) Suggest two ways to reduce transpiration in crops. (2 marks)  
(Total 10 marks)
3. (a) What is soil erosion? (2 marks)  
(b) Describe two methods farmers can use to control soil erosion. (4 marks)  
(c) Explain one effect of soil erosion on agriculture. (4 marks)  
(Total 10 marks)
4. (a) Name two internal parasites that affect livestock. (2 marks)  
(b) Explain two effects of internal parasites on livestock production. (4 marks)  
(c) Outline two methods of controlling internal parasites. (4 marks)  
(Total 10 marks)
5. (a) Define crop rotation. (2 marks)  
(b) List three advantages of practicing crop rotation. (3 marks)  
(c) Design a four-year crop rotation plan including legumes and root crops. (5 marks)  
(Total 10 marks)

# What Does Agricultural Science Paper2 Gradeinclude

**David Kirk**



**What Does Agricultural Science Paper2 Gradeinclude:**

## Decoding **What Does Agricultural Science Paper2 Gradeinclude**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**What Does Agricultural Science Paper2 Gradeinclude**," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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