

2023 MOCK 2 GENERAL AGRICULTURE 3

1. Perform an experiment to determine the acidity or alkalinity of specimen **A** and **B**
 - (a) Outline the procedure you used. [7 marks]
 - (b) Stated your observation and conclusions from the experiment. [4 marks]
 - (c) Give **two** reasons why it is importance to determine the pH of soils. [4 marks]

2.
 - (a) Identify **each** of the plants from which specimens **C** and **D** were obtained by their scientific names. [4 marks]
 - (b) Name **two** disease of each of the plants you have named in (a). [4 marks]
 - (c) Mention **one** planting material used in propagating **each** of specimens **C** and **D**. [4 marks]
 - (d) State **one** pest **each** of specimens **C** and **D**. [2 marks]
 - (e) Give **one** way of extending the shelf life of specimen **C**. [1 mark]

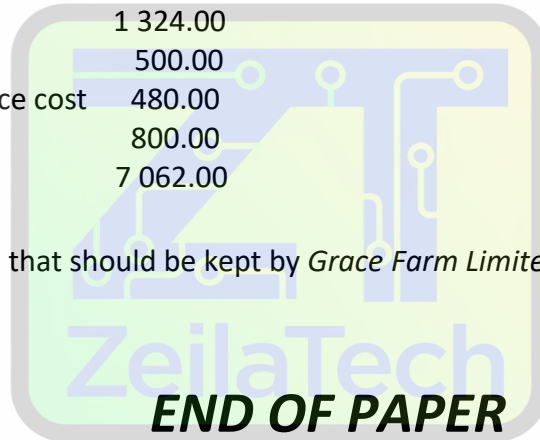
3.
 - (a)
 - (i) Identify specimens **E** and **F**.
 - (ii) State **two** precautions to be taken when using specimen **E**.
 - (iii) Mention **two** ways of maintaining specimen **E** after use.
 - (iv) State **one** uses of specimen **F**. [6 marks]
 - (b)
 - (i) Name **one** farm animal **each** from which specimen **G** and **H** could be obtained. [2 marks]
 - (ii) State **one** use **each** of specimens **G** and **H** to the farm animals from which they were obtained. [2 marks]
 - (c)
 - (i) Identify specimen **I**. [1 mark]
 - (ii) What type damage does specimen **I** cause to crops? [1mark]
 - (iii) Mention **one** way of controlling specimen **I** on the farm. [1 mark]
 - (d)
 - (i) State **one** features of specimen **J** that helps it to adapt to their environment. [1 mark]
 - (ii) Give **one** economic importance of specimen **J** [1 mark]

4. (a) Consider the farm business transaction below and use the information to prepare a profit and loss account for *Grace Farm Limited*, for the year ended 31st December 2014.

	GH¢	P
(i) Sales of eggs	8 250.00	
(ii) Cost of incubator	2 500.00	
(iii) Cost of feed	5 000.00	
(iv) Cost of drugs	2 321.00	
(v) Eggs for domestic use	1 470.00	
(vi) Loss due to mortality	200.00	
(vii) Value of stock left	300.00	
(viii) Sales of broilers	9 872.00	
(ix) Farm wages	3 102.00	
(x) Broiler for domestic use	2 610.00	
(xi) Wages for workers	2 800.00	
(xii) Sales of manure	2 488.00	
(xiii) General expenses	856.00	
(xiv) Sales of day-old chicks	3 812.00	
(xv) Packaging cost	1 857.00	
(xvi) Transportation cost	1 324.00	
(xvii) Depreciation	500.00	
(xviii) Equipment maintenance cost	480.00	
(xix) Electricity bills	800.00	
(xx) Net profit	7 062.00	

- (b) Name **two** other records that should be kept by *Grace Farm Limited*.

[15 marks]



Smart Learning Tools