

**EXAMINATION NO:** \_\_\_\_\_



**DESHA EXAMINATION BOARD**  
**2024 MALAWI SCHOOL CERTIFICATE OF EDUCATION**  
**MOCK EXAMINATION**  
**AGRICULTURE**

**Subject Number: M012/II**

**Tuesday 12 March, 2023**

**Time Allowed: 1½ hour**

**08:00 am onwards**

**PAPER II**

(40 marks)

**Practical**

**Instructions**

- 1. This paper contains 6 printed pages. Please check**
- 2. This paper has two sections: A and B.**
- 3. Answer all questions in the spaces provided. Marks are indicated against each part of the question.**
- 4. Write your name and Examination Number on all pages.**
- 5. In the table provided on this page, tick against the question number you have answered.**
- 6. At the end of the examination, hand in your paper to the invigilator.**

<b>Question Number</b>	<b>Tick if answered</b>	<b>Do not write in these columns</b>	
1			
2			
3			
4			

**Turn over/.....**

**Section A (20 marks)**

1. Describe an experiment that can be conducted in order to determine soil components through sedimentation method. In your description, include the **apparatus required** and the **procedure to be followed**.

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**(10 marks)**

2. a. Calculate the price elasticity of supply of goat meat if a price changes from **MK400/kg** to **MK500/kg** resulting into a change in the quantity of goat meat supplied from **750 kg** to **1050 kg**.

**(5 marks)**

- b. Using the answer in 2 a above, identify the type of price elasticity of supply of the goat meat.

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**(1 mark)**

c. Sketch a graphical presentation to show the price elasticity supply of the goat meat.

**(3 marks)**

d. Explain any **one** significance of the price elasticity of supply of goat meat.

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**(2 marks)**

### **SECTION B (20 MARKS)**

3. You are provided with specimens labeled **P**, **Q** and **R**

a. i. Identify the specimens **P**, **Q** and **R**

**P.** \_\_\_\_\_

**Q.** \_\_\_\_\_

**R.** \_\_\_\_\_

**(3 marks)**

ii. Give any **two** characteristics of specimen **P** as an ideal vegetative planting material.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

**(2 marks)**

- a. Explain the importance of a major nutrient obtained from specimen **Q** to livestock.

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**(2 marks)**

- b. Draw and label any **two** parts of specimen **P**.

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**(3 marks)**

4. You are provided with soil sample **Z** and agricultural lime.

- a. Identify soil sample labeled **Z**.

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**(1 mark)**

b. How does leaching influences **Ph** in soil sample labeled **Z**

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**(2 marks)**

c. Give any **two** importance of applying agricultural lime to soil sample labeled **Z**

(i) \_\_\_\_\_  
\_\_\_\_\_

(ii) \_\_\_\_\_  
\_\_\_\_\_

**(2 marks)**

d. i. Name the type of soil structure of soil sample labeled **Z**

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**(1 mark)**

ii. Give a reason for your answer in **4 d**

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**(2 marks)**

e. Explain any **one** way of destructing soil sample **Z**

(i) \_\_\_\_\_  
\_\_\_\_\_

**(1 mark)**

**END OF QUESTION PAPER**

**NB:** This paper contains **6** printed pages