

2013  
 AGRICULTURE  
 P1 – YEAR 2  
 MOCK EXAMINATION  
 MARCH, 2019  
 TIME: 2½ HOURS

**INSTRUCTIONS TO CANDIDATES**

- Write your Name, Admission Number, Index Number and Hall in the spaces provided above.
- This question paper consist of three Sections A, B, and C.
- Answer ALL questions in Section A and B.
- Answer any THREE questions from Section C.

**FOR OFFICIAL USE ONLY**

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES' SCORE
A	1 - 5	30	
B	5 - 30	40	
C		10	
		10	
		10	
TOTAL SCORE			

**SECTION 'A' (30 MARKS)**

*Answer ALL questions in the spaces provided*

- 1)
  - a) State **four** reasons for using a scheme of work in the teaching of Agriculture. **2mks**
  - b) List the headings of the various coloumns of a scheme of work in Agriculture. **4mks**
- 2)
  - a) Give **two** reasons for the use of demonstration **2mks**
  - b) Outline **six** steps that a teacher should follow when conducting a demonstration lesson. **6mks**
- 3)
  - a) List **four** levels of mental abilities based on Bloom's Taxonomy of Educational Objectives that Agriculture tests should examine. **2mks**
  - b) State **two** reasons for having a table of specification during test construction. **2mks**
- 4)
  - a) State **four** factors that the teacher should consider before teaching a given topic to a class. **4mks**

- b) State **two** factors that would influence the time of the year when to teach a topic in Agriculture. **2mks**
- c) Give **two** reasons for having the introductory stage of a lesson. **1mk**
- 5)
- a) Outline **three** reasons why use of models could be more appropriate instead of real objects. **3mks**
- b) State **four** advantages of using pictures when teaching Agriculture. **2mks**

**SECTION 'B' (40 MARKS)**  
*Answer ALL questions in the spaces provided*

- 6)
- a) Why is light important in crop growth? **1mk**
- b) Name **two** aspects of light that are important to growth of crops. **1mk**
- 7) State **three** ways through which temperature influence soil formation. **3mks**
- 8) State **four** reasons for establishing a school farm for teaching Agriculture. **2mks**
- 9) What is crutching an applied in sheep productions? **1mk**
- 10) Give **two** ways of controlling diseases in a fish pond. **1mk**
- 11) Give **four** ideal body conformation features of beef breeds. **2mks**
- 12) What is pricking out in crop nursery management? **1mk**
- 13) Give **four** reasons for avoiding burning during land preparation. **2mks**
- 14) State **two** harmful effects of weed on pastures. **2mks**
- 15) The diagram below illustrate a type of vegetation propagation used in crop production. Study them carefully and answer the questions that follow
- a) Name the parts labelled A and B. **1m**
- b) Name the type of vegetative propagation illustrated in C above. **½mk**
- 16) Give **two** methods of bloodless castration in calves. **1mk**
- 17) List **two** breeding systems that can be used to increase the frequency of a desired gene in a population. **1mk**
- 18) Why should the udder of a cow be washed with warm water before milking? **1mk**
- 19) Name **two** methods that are used for securing a swarm of Bees for stocking a Bee-hive. **2mks**
- 20) Give **two** reasons for storing crops on the farm. **1mk**
- 21) Explain how the soil type influences the depth of ploughing. **1mk**

- 22) Give **two** reasons for candling eggs during incubation. **2mks**  
23) Why is creep feed important to piglets? **2mks**  
24) State **three** factors that determine the time of harvesting crops. **3mks**  
25) State **two** advantages of the owner-operator land tenure system. **2mks**  
26) State **two** conditions which may necessitate artificial feeding of bees. **2mks**  
27) List **four** organisms which cause diseases in livestock. **2mks**  
28) State **four** advantages of free-range system of rearing chicken. **2mks**  
29) Distinguish between a straight fertilizer and a compound fertilizer. **2mks**

**SECTION 'B' (30 MARKS)**

*Answer any THREE questions in the spaces provided*

- 30) Describe the problems hindering development of Agriculture in Kenya. **10mks**  
31)  
a) Outline the measures that a farmer should take when spraying livestock against ticks. **5mks**  
b) Outline the factors which should be considered when culling in livestock management. **5mks**  
32) Discuss the effects of communal land tenure system on Agriculture Production. **10mks**  
33) Discuss the effects of pruning in crop propagation. **10mks**