

2013

P1 AGRICULTURE

MOCK

MARCH, 2019

TIME: 2½ HOURS

PRIMARY TEACHER MOCK EXAMINATION

AGRICULTURE (2013)

2½HOURS

INSTRUCTIONS TO CANDIDATES

1. This paper consists OF three SECTION A, B and D
2. Answer **ALL** questions in section C
3. Answers to the questions should be written in the spaces provided.

For Examiner's Use Only

Section	Question	Max.Score	Candidate's Score
A	1-4	30	
B	5-20	40	
C		10	
		10	
		10	
TOTAL SCORE			

SECTION 'A' (30 MARKS)

1. A team is planning to teach the topic 'plants' to class 4 pupils using discussion method.
 - a) State **three** reasons for using discussion as a method of teaching. (3 marks)
 - b) What are the preparations that the teacher should make before a group discussion? (4 marks)
2. A Science teacher is planning to take pupils to an agricultural institution for a lesson on crop field practices.
 - a) State **four** preparations which the teacher should make before the visit. (4 marks)
 - b) How can the teacher ensure discipline during the visit? (4 marks)
3. A Science teacher has planned to teach a practical lesson on dehorning of calves using hot iron.
 - a) The teacher stated the following objective; "By the end of the lesson the learners will know how to dehorn calves."

- Give any **two** weaknesses of this objective. (2 marks)
- b) Identify any **four** skills that the teacher could expect the pupil to acquire during this lesson. (4 marks)
4. Identify **four** factors that the teacher should consider while preparing a scheme of work. (4 marks)
5. State **four** advantages of using realia in a science lesson. (4 marks)

SECTION B (40 marks)

6. State **two** advantages of using wood in the construction of farm structures. (2 marks)
7. Describe **four** ways of stimulating milk letdown process in cattle before milking the cow. (2 marks)
8. State **four** factors to consider when selecting a site for an apiary. (2 marks)
9. Mention **four** factors to consider when selecting methods of irrigation to use in irrigation. (2 marks)
10. Give **four** reasons for keeping livestock healthy. (2 marks)
11. Give **three** advantages of stall feeding. (3 marks)
12. State **four** maintenance to be carried out in a cattle dip. (4 marks)
13. State **three** practices that can be used to increase light intensity in growing crops. (3 marks)
14. Give **four** ways in which soil PH influence growth of crops. (2 marks)
15. State **eight** factors that determine soil fertility. (3 marks)
16. State any **two** methods of controlling tsetseflies. (1 mark)
17. Give **three** reasons for dehorning in livestock. (3 marks)
18. Give **four** benefits of minimum tillage. (2 marks)
19. State **six** reasons why agriculture is important in Kenya's economy. (3 marks)
20. State the function/use for the following farm tools and equipment. (4 marks)
- (a) Secateurs
 - (b) Drenching gun
 - (c) Plumpline
 - (d) Wire strainer

SECTION C (30 Marks)

Answer any THREE of the questions in the space provided

21. Explain the management practices for a dairy cow during gestation period. (10 marks)
22. (a) Describe advantages of intercropping. (6 marks)
(b) State reasons for storing crop produce after harvest. (4 marks)
23. State the importance of various types of records kept on dairy farm. (10 marks)
24. Describe the importance of fences. (10 marks)

End