

Name _____ Index No. _____
 Class _____
 Candidate's Signature _____
 Date _____

2013
 PI AGRICULTURE
 PTE MOCK EXAMINATION
 MARCH / APRIL 2018
 TIME: 2 ½ HOURS

**PRIMARY TEACHER MOCK EXAMINATION
 AGRICULTURE
 2½ HOURS**

INSTRUCTIONS TO CANDIDATES

- a) Write your name, class and Index number in the spaces provided above.
- b) Sign and write the date of the examination in the spaces provided above
- c) The question paper consists of **THREE** sections: **A, B and C.**
- d) Answer **ALL** the questions in section **A and B.**
- e) Answer any **THREE** questions from section **C.**
- f) Answers to **ALL** the questions **MUST** be written in the spaces provided in this booklet.
- g) Do **NOT** remove any pages from this question paper
- h) **Candidates should answer the questions in English.**

FOR EXAMINER'S USE ONLY

SECTION	Question	Maximum score	Candidates' Score
A	1 – 4	30	
B	5 – 22	40	
C		10	
		10	
		10	
TOTAL SCORE			

This paper consists of 8 printed pages
Candidates should check the paper to ascertain that all the pages are printed as indicated
and that no questions are missing

SECTION A (30 MARKS)

Answer all the questions in this section in the spaces provided.

1. A teacher is planning to carry out a maize production project with the learners

a) State **four** challenges that the teacher was likely to face (4 marks)

b) Give **four** roles of the teacher before the project (4 marks)

2. a) State **three** characteristics of a good audio visual teaching resource (3 marks)

b) A teacher is planning to teach the topic weeds

i) Name **three** teaching aids the teacher can use for the lesson (3 marks)

3. The statement of objectives is an important component of a scheme of work

a) State **four** reasons why objectives are important (4 marks)

b) Name **four** sources of information which a teacher can use when developing a scheme of work (4 marks)

c) Name the main component of a lesson presentation (1 mark)

4. a) Give **four** reasons why assessment is important in the teaching of science (4 marks)

b) State **three** advantages of multiple choice tests (3 marks)

SECTION B (40 MARKS)

Answer all questions in this section in spaces provided.

5. State **four** factors affecting spacing in crops (4 marks)

6. Mention any **three** considerations done in sitting a nursery bed. (3 marks)

7. Define the term soil texture (1 mark)

8. State any **two** land reclamation methods (2 marks)

9. Name any two external parasites and any two internal parasites of cattle. (2 marks)

i) External

ii) Internal

10. State **two** reasons for steaming up in dairy cattle management (2 marks)

11. State any **two** reasons for grafting fruit trees (2 marks)

12. List **two** uses of a rake in the preparation of a seedbed (1 mark)

13. Mention **two** conditions that may make it necessary to place some sugar syrup close to a beehive (2 marks)

14. State any **two** factors affecting the depth of planting (2 marks)

15. List **four** sections that should be included in a school farm (2 marks)

16. List any **four** exotic dairy cattle breeds in Kenya. (2 marks)

17. Name **four** sources of heat when brooding chicks artificially (2 marks)

18. Give **two** reasons for dehorning cattle (2 marks)

19. State **two** qualities of creep feed that makes it suitable for piglets (2 marks)

20. State **three** factors that may influence the quality of farm yard manure. (3 marks)

21. Give any **three** reasons why indigenous cattle breeds do better than exotic breeds in arid and semi – arid areas (3 marks)

22. Identify any **three** disadvantages of zero grazing (3 marks)

SECTION C (30 MARKS)

Answer any three questions from this section in the spaces provided after question 26.

23. Discuss **five** factors which a farmer should consider when designing a crop rotation programme (10 marks)
24. Describe any **five** disadvantages of communal tenure system (10 marks)
25. a) Outline the measures that a farmer should take when spraying livestock against ticks. (5 marks)
- b) Outline the factors which should be considered when culling in livestock (5 marks)
26. Describe **five** structural requirements of a calf pen (10 marks)