

Name: Adm No

School: Signature

Date:

**AGRICULTURE
PAPER
TIME: 1 ¾ HOURS
May Series**

2017
Form 1_{1 ¾}

INSTRUCTIONS TO STUDENTS:

- Write **your name, admission number and school** in the spaces provided.
- Sign and write the date of the examination in the spaces provided.
- This paper consists of **17 QUESTIONS**.
- Answer **all** questions in this question paper.
- All answers **must** be written in the spaces provided.

For Examiner's Use Only:

QUESTION	MAXIMUM SCORE	STUDENT'S SCORE
1-17	75	

This paper consists of 5 printed pages. You should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

1. State **four** roles played by agriculture in national development. (4 marks)

.....
.....
5. Identify **four** factors to consider when choosing a type of farm. (4 marks)

.....
.....
.....
.....
.....
6. Define arable farming. (1 mark)

.....
.....
7. State **four** advantages of mixed farming. (4 marks)

.....
.....
8. Identify **two** types of farming practiced by large scale farmers. (2 marks)

.....
.....
9. Identify **three** aspects of rainfall which are important in crop production. (3 marks)

.....
10. (a) What is optimal temperature? (1 mark)

(b) Mention four effects of temperature on crop production. (4 marks)

.....
.....
.....
.....
11. Give **four** factors that influence the choice of tools for primary cultivation. (4 marks)

.....

.....

.....

.....

.....

12. State **three** reasons why secondary cultivation is necessary. (3 marks)

.....

.....

.....

13. Mention **three** factors that determine the number of tillage operations during seedbed preparations. (3 marks)

.....

.....

.....

14. State two ways in which climate affects soil formation. (2 marks)

.....

.....

15. List any **four** details that a farmer should include in his health records of the animals. (2 marks)

.....

.....

.....

16. (a) Define the term “sub soiling”. (1 mark)

.....

.....

(b) Give **two** importance of sub soiling. (1 mark)

.....

.....

.....

17. (a) What is soil? (1 mark)

.....
(b) In which **three** ways is soil important to growing plants? (3 marks)

.....
(c) Highlight **four** factors which influence the soil forming process. (4 marks)

.....
(d) Explain **three** biological agents influence the speed of the soil forming process. (3 marks)

.....
(e) List **four** constituents of a fertile soil. (2 marks)

.....
(f) How important are the micro-organisms in the soil to the plants? (2 marks)

.....
(g) Mention **four** farming practices that improve soil structure. (4 marks)