NAME………………………………………………………………………. ADM……………………….

CLASS………………………………………………………………………..SIGNATURE……………..

SCHOOL………………………………………………………………………………………………………

**AGRICULTURE PAPER ONE**

**FORM FOUR END OF TERM TWO 2O22 EXAMINATION**

**DURATION: 2 HOURS**

**INSTRUCTIONS TO THE CANDIDATE**

1. Write your name and the admission number in the spaces provide above
2. This paper consists of three sections A, B, and C
3. Answer all the questions in section A and B
4. Answer any two questions in section C

**For Examiner’s use only**

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| SECTION | **QUESTION** | **MAXIMUM SCORE** | **CADIDATE SCORE** |
| **A** | **1-16** | **30** |  |
| **B** | **17-20** | **20** |  |
| **C** | **Q 21** | **20** |  |
| **Q 22** | **20** |  |
| **Q 23** | **20** |  |
|  | **90** |  |

**SECTION A (30 MRKS)**

**Answer all question in this section in the space provided**

1. Differentiate between olericulture and pomoculture as used in crop production. (1mrk)

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a) Variable cost (2 marks)

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6. State four factors that that should be considered when classifying crop pest (2mrks)

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(i) Seed purity?

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(ii) Spacing?

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9. Outline four observable indictors of economic development of a nation (2mrks)

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11. Outline four aspects of rainfall affecting agriculture (2mks)

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 14.Give two examples of farm records that are kept by a bean farmer (1mrk)

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

 17.The diagram below illustrates a feature observed after digging the soil several metres deep Study the diagram carefully and answer the question that follow

 

a) Identify the feature that the diagram above represents in the study of soil (1mrk)

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a) Identify the method (1mrk)

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 c)State two advantages of using this method in crop propagation. (2mks)

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(a) Draw up a partial budget for Mr. Mwangi’s farm. (6mks)

(b) With a reason, what advice can you give to Mr. Mwangi? (1mk)

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a) Identify the pest ( 1mrk)

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 c) Give three cultural measures that can be applied to control the pest (3mrks)

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 **SECTION C (40MARKS)**

**Answer any two questions in this section in the spaces provided**

21a) Describe five advantages of rotational grazing (5mrks)

c) Explain eight ways in which soil fertility can be maintained (8mrks)

d) Describe the harmful effects of weeds (7mrks)

22a) Describe five importance of agro -forestry in soil and water conservation (5mrks)

b) Explain six reasons for pruning coffee. (6mrks)

c) Describe 6 ways in which labour productivity can be improved on a farm (6mrks)

d) Outline three effects of over application of nitrogenous fertilizer (3mrks)

23 a) Describe the procedure of silage making (8mrks)

b) Discuss Cabbage production under the following subheading

i) Varieties and example in each (2mks)

ii) Nursery establishment (4mks)

iii) Field management practices (3mks)

c) Outline importances of a nursery in crop production (3mks)

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