

# END OF TERM 1 EXAMS

# AGRICULTURE

## FORM ONE

TIME: 2 HOURS

NAME..... ADM NO:.....

SIGN..... INDEX NO:.....

DATE;.....

### INSTRUCTIONS TO CANDIDATES:

- Answer **ALL** the questions
- Answers should be written in the spaces provided

1. Give **four** aspects that entails agriculture as a science (2mks)

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2. Name **three** branches of horticultural farming. (3mrks)

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3. Outline **four** ways in which HIV/AIDS and general health influence agricultural production. (2mks)

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4. State **two** ways in which transport and communication influence the level of agricultural production. (2mks)

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5. List **three** biotic factors that influence agriculture negatively (3marks)

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6. State **four** properties of sandy soil. (2mks)

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7. Differentiate between extensive farming and intensive farming (2mks)

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8. State **two** advantages of large scale farming (1mk)

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9. Outline **four** advantages of practicing mixed farming (4mks)

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10. Give **four** characteristics of shifting cultivation (4mks)

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11. (a) What is organic farming? (1mk)

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(b) State **four** reasons why farmers are encouraged to practice organic farming (2mks)

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12. State the roles of agriculture in the economy of Kenya (6mks)

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13. List **four** aspects of rainfall that affect agricultural production in Kenya (4mks)

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14. State **four** ways in which temperature affects agricultural production (4mks)

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15. (a) How does light intensity affect crop production? (1mk)

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(b) Give **five** ways in which light intensity in a crop field can be increased. (5mks)

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16. Describe **four** ways in which chemical processes influence soil formation (4mks)

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17. Outline **four** factors that influence soil formation

(4mks)

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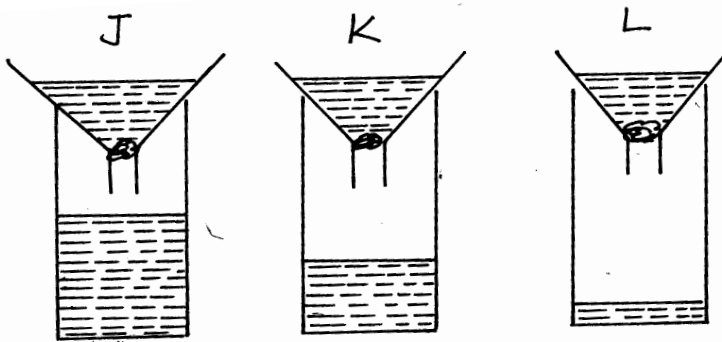
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18. The diagram below illustration an investigation on property of soil using samples labeled J,K and L



a.) If the level of water drained into the test tubes were observed after two hours, name the property of soil being investigated (1mk)

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b.) What is the relationship between this property of soil and the size of soil particles (1mk)

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c.) Which soil sample will be suitable for growing paddy rice? (1mk)

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d.) Name the type of soil labeled (3mks)

J. ....

L. ....

K. ....

e) State **three** characteristics of soil J

(3marks)

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19. State **five** categories of farm tools and equipment

(5marks)

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***Have A Nice Holiday***

***Stay Safe***