

AA-14
FORM ONE AGRICULTURE

1. Name **two** areas of scientific study which show that Agriculture is a science (2mks)

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2. Give **two** reasons why Agriculture is important for the development of industries. (2mks)

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3. State **four** main branches of agriculture (4mks)

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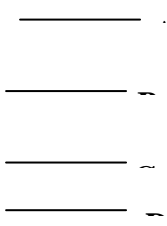
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4. List **two** disadvantages of shifting cultivation
(2mks)

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5. A form one student put some solid sample in a measuring cylinder, added some the cylinder with the hand and shook the cylinder for about two minutes. He left the cylinder on the bench for one hour. The results as shown below.



(i) Name the layer marked A,B,C and D
(4mks)

A.....
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B.....

C.....

D.....

(ii) What was the function of sodium carbonate in this experiment?
(1mk)

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(iii) What was the function of sodium carbonate in this experiment?
(1mk)

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6. Name **three** soil forming factors. `
(3mks)

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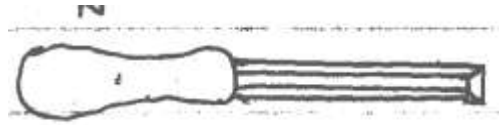
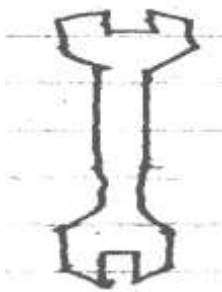
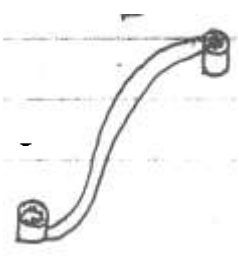
7. State **four** factors farmer face in agricultural production.
(4mks)

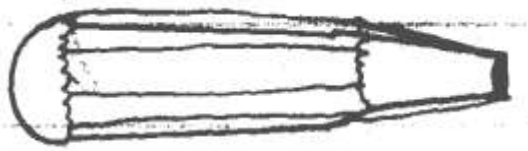
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8. Give **three** aspects of light that influence crop production.
(3mks)

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9. Below are diagrams of farm tools. Use them to answer the question that follow.





(i) Identify the tools
(4mks)

L.....
.....

M.....
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N.....
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P.....
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(ii) State **one** advantage of toll L over M
(1mk)

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(iii) State **one** functional difference between N and P
(2mks)

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iv) Give **four** reasons fro maintaining farm tools properly
(4mks)

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10. State **two** reasons for cultivation during dry period.
(2mks)

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11. For each of the following Tertiary operations, give one reasons
why it is carried out (3mks)

(i)

Ridging.....

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(ii) Rolling

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(iii)

Leveling.....

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12. Give **four** factors that determine the numbers of times a farmer would harrow his land. (4mks)

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13.(i) what is water conveyance ?

(1mk)

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(ii) Name **two** types of pipes use dint he farm.

(2mks)

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(iii) State **three** uses of water on the farm
(3mks)

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14. State **two** surface irrigation methods.
(2mks)

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15 List **two** feature of plastic pipes a farmer should consider before
buying the pipes. (2mks)

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16. State **five** ways by which soil loses its fertility.

(5mks)

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17. Give **three** factors considered when siting compost manure on the farm. (3mks)

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18. The diagram below shows a practice carried out on various crops on the farm. Study them carefully and answer the questions that follow.



(i) Identity the practice represented by B.

(1mk)

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(ii) State the importance of the above practice in the following crops. (4mks)

(a) Maize.....

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(b) Irish potatoes.....

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(c) Tobacco.....

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(d) Groundnuts.....

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(iii) At what stage of growth should the above practice be carried out in maize? (1mk)

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19. List **three** dairy goat breeds.

(3mks)

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20. Name a breed of dairy cattle having the following characteristics:
red coat with white marking
on the legs, face, tail/switch and girth.
(1mk)

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21. State **four** characteristics of beef calf that makes it suitable for beef
Production. (4mks)

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22. Give **two** advantages of keeping a Jersey cow instead of a Friesian
cow for milk production. (2mks)

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23. State **two** adaptations of camel to its environment.

(2mks)

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24. Name **four** types of farm record.

(4mks)

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25. Give **two** advantages of organic farming in relation to environmental conservation. (2mks)

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26 Describe the process involved in water treatment using chemical treatment system. (12mks)

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