

FORM FOUR CLUSTER KCSE MODEL10

AGRICULTURE PAPER 1 QUESTIONS

SECTION A (30 Marks)

Answer all the questions in the spaces provided.

1. Outline two conditions that favours nomadic pastrolism in Kenya. (1 mark)
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2. a) State two ways in which good transport and communication influences agriculture. (1 mark)
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b) A part from good transport and communication identify four other human factors that influence agriculture. (2 marks)
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3. State two aspects of light a farmer should consider when deciding which crop to grow.
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4. Define the term opportunity cost.
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5. State two reasons why it is important to keep livestock health records.
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6. State four reasons why the Kenya government set up settlement schemes after independence.
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7. List two forms of collective land tenure system.
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8. State four reasons why farmers are advised to use certified seeds.
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9. State two benefits of having correct plant population in annual crops.
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10. State four characteristics of clay soils.

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11. State two advantages of tissue culture in crop production.

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12. State four factors to consider when grading tomatoes for fresh market.

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13. Identify four competitive abilities of weeds. (2 marks)

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14. State two advantages of strip grazing.

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15. Give four advantages of mixed pasture.

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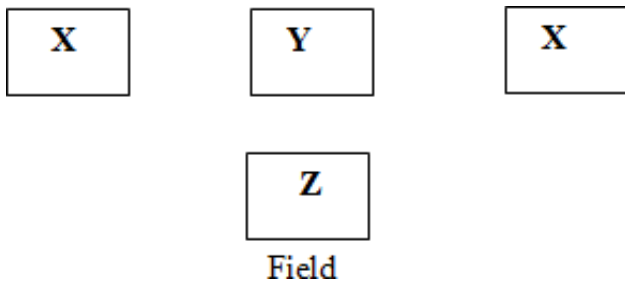
16. State two ways in which the parent rock influences soil formation. (2 marks)

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SECTION B (20 Marks)

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

17. The illustration below shows a four heap system of making compost manure. Study it and answer the questions that follow.



a) By use of arrows indicate on the diagram above how materials should be transferred from one heap to another till the material is applied in the field. (1 mark)

b) Name two indicators of a well decomposed manure. (2 marks)

c) When preparing compost manure, explain the importance of each of the following;

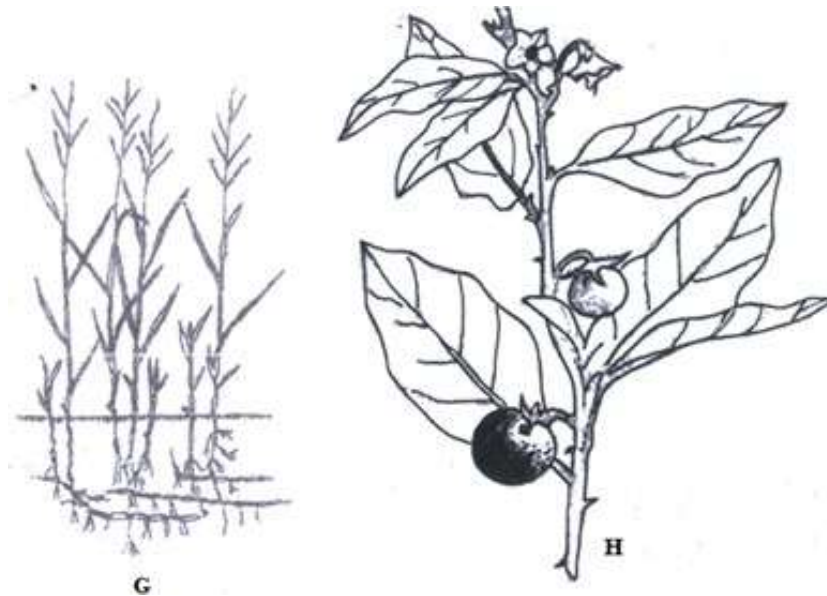
i) Addition of Ash. (1 mark)

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ii) Regular turning of the compost manure. (1 mark)

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18. Diagrams G and H show weeds.



i) Identify the weeds (2 marks)

G.....
H.....

ii) State the economic importance of the weed shown in diagram G. (2 marks)

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iii) Why is it difficult to control the weed in diagram G? (2 marks)

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19. Study the illustration below of a type of terrace.



i) Name the type of terrace illustrated. (1 mark)

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ii) Give the name of the part labeled F in the diagram above. (1 mark)

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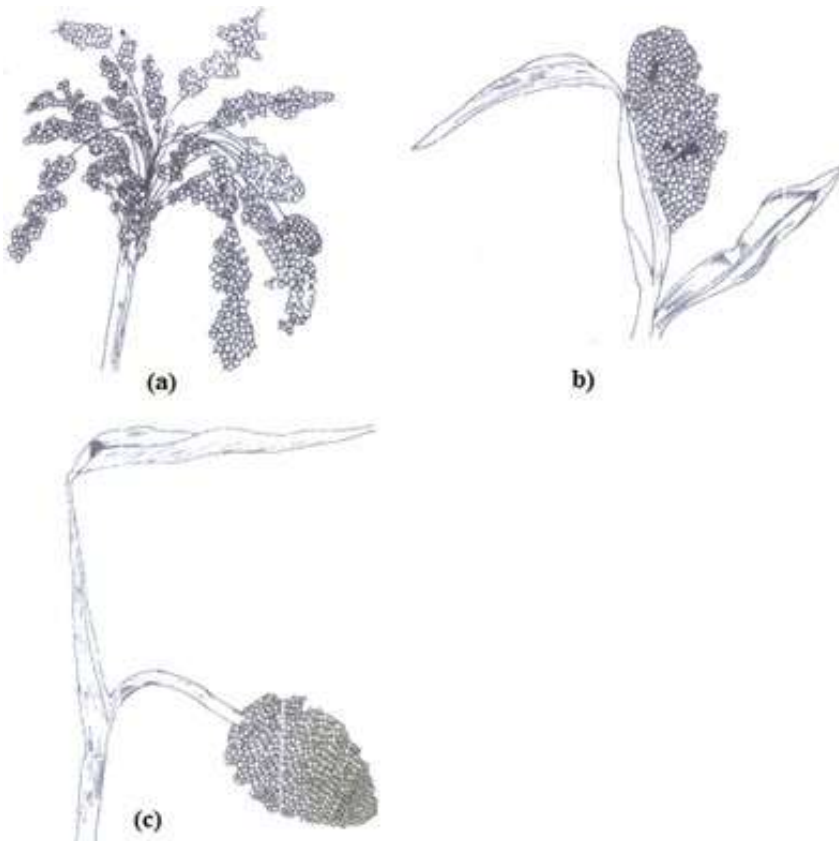
iii) State two ways in which the above terrace controls soil erosion. (2 marks)

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iv) Give one disadvantage of this terrace. (1 mark)

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20. The diagrams below shows particles of three sorghum varieties growing side by side.



i) Which one of the varieties of sorghum is least likely to be damaged by birds. (1 mark)

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ii) Give a reason for your answer in (i) above. (1 mark)

