

NAMEINDEX NO.....

SCHOOL.....CANDIDATE'S SIGNATURE.....

443/1

AGRICULTURE

PAPER 1

JAN/FEB 2013

2 HOURS

BUNYORE – MARANDA EXAMINATIONS

AGRICULTURE

PAPER 1

2 HOURS

Instructions to candidates

1. Your name, school and administration number in the spaces provided above
2. Sign and write index or Admission Number in the spaces provided above
3. This paper consists of three sections A, B and C
4. Answer all the questions in section A and B and any two questions from Section C

For examiner's use only

Section	Questions	Maximum score	Candidates score
A			
B			
C			

1. List three types of vegetables (1½mks)
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.....
2. State four ways through which pests affect Agriculture (2 mks)
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.....
3. Name four methods of controlling smuts disease in maize (2mks)
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4. State four types of micro-catchments used in soil and water conservation (2mks)
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.....
5. Outline the importance of keeping breeding records in dairy farming
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6. Give a reason for each of the following practices during compost making (2mks)
- (i) Adding soil
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 - (ii) Adding farm yard manure
.....
 - (iii) Adding ash
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 - (iv) Adding calcium ammonium nitrate
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7. Define the following terms as used in pasture establishment
- (i) Nurse crop
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(ii) Over sowing

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8. Outline utilization of Napier grass as a forage crop (2mks)

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9. Give practices done to achieve single stem capped system pruning in coffee production

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10. State two reasons for cutting back in pyrethrum production (1mk)

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11. Give four harmful effects of weds in crop production (2mks)

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12. State **three** advantages of shifting cultivation

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13. Give **five** benefits of top –dressing in the management of grass pasture

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14. Outline how you would prepare a store for grain storage

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15. State four ways in which land reform can be implemented in Kenya

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16. (a) Give two reasons for sub soiling (1mk)

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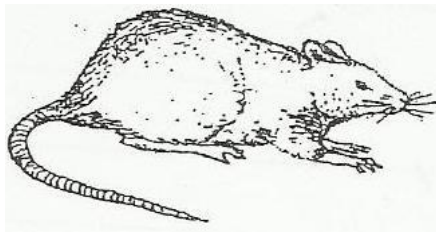
(b) Give two reasons for leveling as a tertiary operation in land preparation (1mk)

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SECTION B (20 MARKS)

Answer All the questions in this Section in the spaces provided

17. The illustration below shows a farm pest. Study it carefully and answer the questions that follow



(a) Identify the pest (1mk)

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(b) Classify the pest (1mk)

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(c) Give four effects of pest (4mks)

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(d) Give two physical methods of controlling the pest

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18. (a) Outline how you would mix a fungicide on the farm to spray on tomato crop (4mks)

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(b) Give four precautions you would take when spraying the fungicide (4mks)

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