GATITU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU.

FORM 2 AGRICULTURE. END OF TERM 3 EXAMINATION. 2014.

Answer all the questions in the spaces provided.

1.Name three types of ticks based on their life cycle. (3mks

I0

ii)

iii)

2.Give five aspects of good housing that contribute to control of diseases. (5mks

I)

ii)

iii)

iv)

v)

3. Name five diseases predisposing factors outside an animals body. (5mks

I)

ii)

iii)

iv)

v)

4. Outline the life cycle of a two host tick. (10mks

5. Name five methods of controlling tape worms. (5mks

i)

ii)

iii)

iv)

v)

6. Name three sources of water to an animal. (3mks

i)

ii)

iii)

7. Outline 5 factors that determine the amount of water an animal takes. (5mks

i)

ii)

iii)

iv)

v)

8. Name five factors that affect digestibility of a food. (5mks

i)

ii)

iii)

iv)

v)

9. State the four methods used in computing a livestock ration. (4mks

i)

ii)

iii)

iv)

10. A dairy farmer wanted to prepare 1000kg of calf rearing ration containing 20% DCP. The feedstuffs available were maize 10% DCP and sunflower 35% DCP.

a)Use pearsons square method to prepare the ration. (6mks

b) Calculate the amount of each feed stuff to be mixed in the ration. (4mks

c) Outline 5 factors to consider when computing a livestock ration . (5mks

i)

ii)

iii)

iv)

v)

11. A bull gained 50kg after eating 200kg of maize germ for a period of one month. (3mk
Calculate the food conversion ratio.

12. Give 5 functions of proteins in an animals body. (5mks

i)
ii)
iii)
iv)
v)

13. Name 5 factors that determine stage of harvesting crops. (5mks

I)
ii)
iii)
iv)
v)

14. Name 2 systems of pruning coffee. (2mks

I)
ii)

15. State four methods of layering in crop production. (4mks

i)
ii)
iii)
iv)

16. State 5 factors to consider when siting a nursery for vegetable production. (5mks

I)
ii)
iii)
iv)
v)

17. Name 5 methods of applying fertilizers. (5mks

i)
ii)
iii)
iv)
v)

18. State 5 factors that affect rooting of cuttings. (5mks

i)

ii)

iii)

iv)

v)

19. Given that maize is planted at a spacing of 75cm x 25cm, Calculate plants population in a plot of land measuring ~~3m xym~~. 3m × 4m 3mks

20. Calculate the amount of K_2O contained in 600kg of compound fertilizer. 30:20:10: (3mks

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