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NAME		index no	•••
443/2 AGRICULTURE	£reekcsegðáttgáge	CANDIDATE'S SIGN	••
PAPER 2	Tope	DATE	••
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CENTRAL KENYA NATIONAL SCHOOLS JOINT EXAM - 2015

Kenya Certificate of Secondary Education TYME: 2 HOURS **AGRICULTURE**

INSTRUCTIONS TO CANDIDATES:

- Write your **name** and **index number** in the spaces provided above.
- Sign and write the date of examination in the spaces provided above.
- This paper consists of **THREE** Sections **A**, **B** and **C**.
- Answer all questions in Section A and B and any Two in Section C.
- All answers must be written in the spaces provided.

FOR EXAMINER'S USE ONLY

Section	Question	Maximum	Candidate's
		Score	Score
A	1 -19	30	
В	20 – 23	20	
C	24 -26	40	
Total	Score	90	

Agriculture Paper 2 **Turnover**

	ver all questions in this section in the spaces provided. rentiates between apiculture and aquaculture.	
Diffe	rentiates between apiculture and aquaculture.	(1mk
	Executates between apreartate and aquaeuntare.	
	X Wind	
	nate to the second seco	
State	three ways of preventing predation in a fish pond.	(1½r
4C59	,	
State		
NT		
Nam (i)	e one livestock disease that is transmitted by each of the following parasites. Brown ear tick.	(½m
(ii)	Tse-tse fly.	(½m)
Defi	ne the following terms as used in livestock production;	
(i)	Vaccination.	(½m
(ii)	Mortality rate.	(½m)
		(½m
State	the intermediate host for livefluke faciola (spp)	
State	the intermediate host for livefluke faciola (spp)	
State	the intermediate host for livefluke faciola (spp)	

7.	State four breeds of rabbit.	(2mks)
	State four breeds of rabbit.	
	cose establishment of the control of the cost of the c	
	M. Etceetcsepast's	
	- The state of the	
8.	State four important components of the power transmission system	(2mks)
		
	- Page Page	
	La Carte Car	
۲.٠ <u>٠</u>	e ^e	
og S	State four major routes of administering vaccines in a day old chicks.	(2mks)
	State four major routes or administering vaccines in a day old cineks.	(211183)
10.	State four factors considered by farmers when sitting a beehive in the farm.	(2mks)
11.	Outline four reasons why calves should be fed on colostrum.	(2mks)
12.	State four characteristics of Bos taurus class of cattle.	(2mks)

13.	State four importances of farm buildings.	(2mks)
	- Cooperate	
	K. tee,	
	William .	
14.	State two causes of bloat in ruminants.	(1mk)
	Qat V	
15.	State four ways of controlling stress in a flock of layers	(2mks)
ore sir		
•		
	,	
16.	State four characteristics of roughage feedstuff.	(2mks)
17.	List four causes of livestock diseases.	(2mks)
18.	State two ways of improving traction in a tractor.	(1mk)
19.	Name the tools used to for; (a) Carrying out open method of castration of livestock.	(1mk)

(b)	Cutting thick sheets of metal.
` /	C

(1mk)

SECTION B: (20 MARKS)

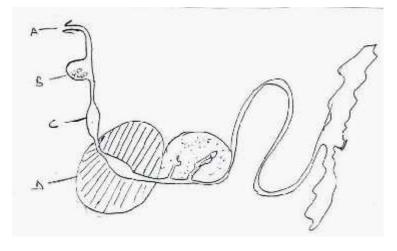
Answer all questions in this section in the spaces provided.

20. Describe the procedure of manual milking in dairy cattle.

(5mks)

6. Ye

21. The diagram below shows poultry digestive system. Use it to answer the questions that follows.



(a) State the function of part labelled **B**.

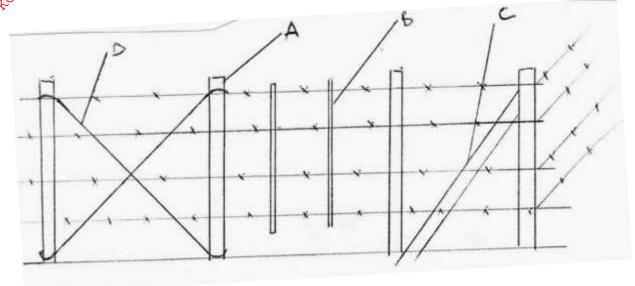
(1mk)

(b) Why is part C known as the true stomach?

(1mk)

(c)	State two advantages of part labelled D to its functions.	(2mks)
	A Committee of the Comm	
	- Cale So	
	£ ^r ee ^{te}	
	X XIIII	
(d)	What management practice is carried out on part A?	(1mk)
()	agerdage	(,

The diagram below is of an illustration of a farm structure. Study it and answer the 22. questions that follow. For More Eree



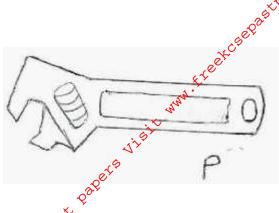
State the type of the fence. (1mk) (a) Name the parts labeled: (b) (1mk)

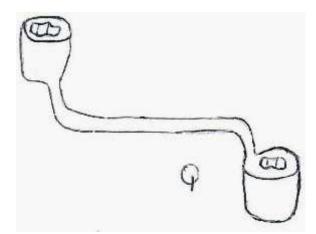
State **two** reasons why the above fence is not recommended for sheep production. (2mks)

(c)

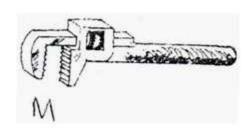
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23. Below are illustrations of farm tools. Study their and answer the question that follows:





For more firee recent past pasers VI.



(a) Identify **P** and **M**.

(1mk)

г_

 \mathbf{M}_{-}

(b) State one advantage of P over Q.

(1mk)

(c) State the function of tool labelled N and M.

(2mks)

N

Μ

(d) Give two maintenance practices that can be carried out on tool P.

(1mk)

	contraction of the second of t					
	SECTION C: (40 MARKS)					
	Answer any two questions in this section in the spaces provided.					
24.	(a) Discuss trypanosomiasis under the following subheading. (i) Causal organisms (ii) Animals attacked. (iii) Symptoms of attack. (iv) Methods of control.		(1mk) (1mk) (6mks) (2mks)			
	(b) State ten advantages of artificial insemination in dairy pro	duction.	(10mks)			
25	 (a) State the advantages of battery cage system. (b) (i) List four examples of two host tick. Briefly discuss the life cycle of two host tick. 		(10mks) (2mks) (8mks)			
26.	(a) State ten tractor servicing done to a tractor.		(10mks)			
É	Briefly discuss the management of a pig from birth up to v	veaning.	(10mks)			
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