NAME	• • • • • • • • • • • • • • • • • • • •	INDEX NUMB	
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		DATE	
443/2			그로 이 그리고 한국 선택이 보고 있다.

443/2 AGRICULTURE PAPER 2 JULY/AUGUST 2015 TIME: 2 HRS

## KISII CENTRAL JOINT EVALUATION

KENYA CERTIFICATE OF SECONDARY EDUCATION (K.C.S.E)

#### **AGRICULTURE**

Paper 2
July/ August 2015
Time: 2 hours

### INSTRUCTIONS TO CANDIDATES

- a) Write your name, school, index number and signature in the spaces provided above.
- b) This paper consists of three sections: A, B and C.
- c) Answer all the questions in Section A and B and any two questions from Section C.
- d) Answer all questions must be written in spaces provided in this question paper.
- e) Answer questions in English.

### FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Candidates Score
A	1 - 17	30	
<u>B</u>	18 - 20	20	
<u>C</u>		40	
TOTALS	SCORE	90	<del>alling to the state of the sta</del>

SECTION A (30 MARKS)

l. 1	Name the intermediate host for each of the following livestock parasites.  a) Liver fluke (Fasciola spp)	(½ mark)
	b) Tapeworm (Taenia solium)	(½ mark)
2. ]	Define the term predisposing factors of livestock diseases.	(1 mark)
,		
3.	State four ways of restraining cattle during routine management.	(2 marks)
		•
4.	Give four maintenance practices carried out on the water cooling system of a tractor.	
5.	Mention six causes of stress in a flock of layers.	(3 marks)
6.	State four factors that would contribute to the depreciation of farm equipment.	(2 marks)
		•••••
	CL CL CC + CK-1 (At 1 be and Original) in about	(2 marks)
	Give four harmful effects of Keds (Melophagus Orinus) in sheep.	(2 marks)
7.		
7.		
7.		

State four causes of infertility in cows.	(2 marks
Outline four functions of vitamins in the body of an animal.	(2 marks
	••••••
. State four advantages of wood as construction material.	(2 mark:
s	
. Give two distinguishing features of the dromedary breed of camels.	
. Give two distinguishing features of the dromedary breed of camels.	(1 mark
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. Give two distinguishing features of the dromedary breed of camels.	(1 mark)(2 mark)
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Give two distinguishing features of the dromedary breed of camels.  Name four protozoa diseases that affect cattle.  Give two functions of each of the following parts of the reproductive system of a cow a) Ovary	(1 mark)(2 mark)
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Give two distinguishing features of the dromedary breed of camels.  Name four protozoa diseases that affect cattle.  Give two functions of each of the following parts of the reproductive system of a cow a) Ovary	(1 mark)(2 mark)

S. Marine for	ur categories of vaccines.		(2 marks)
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· *************	•••••		
Name two	o channels through which a beef farmer may market his		(1 mark)
**********			**************
	wo main sources of bad flavours in milk.		(1 mark)
************		······································	
	SECTION B (20 MARKS)  Answer ALL the questions from this section in	the spaces provided	
The diagr	am below shows a farm implement. Study it and answer	경영화 등하다 전에 가득을 기가 되었다면 하는 사람들이 하는 것이 되었다. 그런 경우를 하는 것이 없다면 하는 것이다.	
	G G G G G G G G G G G G G G G G G G G		
a) Identify	the implement illustrated		(1 mark)
	he parts labelled G, H, J and K.		(2 marks)
	H		
선구하는 그리는 얼마나 되었다.	K		
	e functions of the parts labelled.		(2 marks)
	am below illustrates a bird that is suffering from a vitam		
		<u></u>	
		<b>7</b>	
a) Which	vitamin is the bird lacking?	·	(1 mark)
	- TERM 2- 2015 4	(MM) FORM 4- A	

b) Name two sources of the vitamin named in (a) above in poultry.	(2 marks
c) Give two symptoms observable in birds that lack the vitamin.	
그리는 내가 그리는 사람들이 되었다. 그는 사람들에 가장 하는 사람들이 가장 하는 것이 되었다.	(2 marks)
	그리는 항문 전 그리 남편이 그 점점이 보고 있다면 하다.
Below are illustrations of farm tools . Study them carefully and answer the	questions that follow.
X	_ Z
a) Identify the teals	
a) Identify the tools.	
X	(1 mark)
Y	(1 mark)
Z	
b) Name the complementary tools to the tool.	(1 mark)
5분 : 레이지를 하고 있다면 10명 : 10명	
Z	(1 mark)
Υ	(1 mark)
The diagram below is an illustration of a pig. Study it and answer the question	ons that follow.
a) Name the parts labelled. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	(2 marks)
l 6 6	••••
1	
o) Give three characteristics of the saddle back breed of pigs.	(3 marks)
	•••••

# SECTION C (40 MARKS) Answer any TWO questions from this section in the spaces provided after question 24.

2.	<ul><li>a) Outline five disadvantages of natural mating</li><li>b) Describe seven symptoms of milk fever in c</li><li>c) Outline four differences between digestion in</li></ul>	(5 marks) (7 marks) (8 marks)	
3.	<ul> <li>a) Using the following features, distinguish bet</li> <li>i) Shanks</li> <li>ii) Plumage</li> <li>iii) Moulting</li> <li>iv) Abdomen</li> </ul>		
	b) Explain six post milking practices carried or	ut in dairy cattle management.	(12 marks)
24.	<ul><li>a) Outline six benefits of using biogas as a sou</li><li>b) Explain four the structural requirements of a</li><li>c) Outline six reasons for swarming in bees.</li></ul>	arce of power on the farm. a good grains store.	(6 marks) (8 marks) (6 marks)
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		보면 없는 후에 기본하고 있는데 얼마 있는데 이 이 있다. - 사람들이 하는 것이 되었다. 그 사람들이 되었다.	الأخاء معمومة بالمواد والمعاد والمارات المارات
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