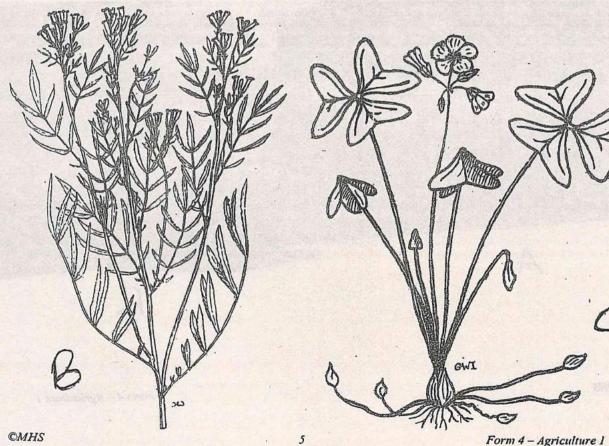
(d) Name **four** methods that are used to control bird pests in a field of sorghum (2mks)

(e) Name two other pests that attack this crop

(1mk)

- (f) Give **two** effective cultural methods of controlling one of the pests you have indentified in (e) above.

 (1mk)
 - 21. Diagrams B and C below show some common weeds. Study them and answer the questions below.



leld of sorghu (2mks)	(a)	Identify the weeds	(1mk)
	В		
	(6)		avalená ma
	(b)	State one economic importance of weed C	(½ mk)
((c)	Why is it difficult to control weed B	(1mk)
(1ml) (d)	Name two examples of systemic herbicides which can be the weed labeled B	used to control

the weed labeled B

The illustrations A and R below show some soil and water conservation structures of the farm. Study them and answer the questions that follow.

Indentified in (e) above.

Give two effective cultural methods of controlling one of the pests you have



Form 4 - Agriculture 1

(1mk)

(a)	Identify th	e structures	Q	and	R		
-----	-------------	--------------	---	-----	---	--	--

(1mk)

(a) Identify the die

Q ______ R ____

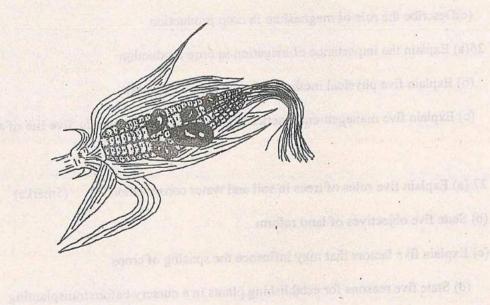
(b) Name the types of soil erosion controlled by the structures (1mk)

(c) State two ways in which the structures help to control soil erosion (1mk)

(d) Give **two** materials that can be used in the construction of structure Q (1mk)

the free light six decision and bloom strong at the male at 10

23. The diagram below shows a maize cob attacked by a certain disease. Study it carefully and then answer questions that follow



(entrance)

(a) Identify the disease		(1 m/s)
(lmid)	(a) Identify the structures Q and R.	(1mk)

- Name the organism that causes the disease and amount (b) *(1mk)
- State three cultural methods for controlling the disease (c) (11/2 mks in which the structures help to control soil grosion (limk

- Students were to apply a compound fertilizer of grade 5:20:10 on their agricultu plot of dimensions $3m \times 4m$ at the rate of 200kg per hectare.
 - (a) Calculate the amount of fertilizer they would require for the plot

(2mks)

Section C (40 marks)

Answer any TWO questions in this section in the spaces provided after no.27

25(a) Explain five factors to be considered in farm planning and asset and

10 marks

- (b) Explain six factors that should be considered when selecting seeds for planting 6 marks
- (c)Describe the role of magnesium in crop production

4 marks

26(a) Explain the importance of irrigation in crop production

5 marks

(b) Explain five physical methods of controlling crop pests

10 marks

(c) Explain five management practices that can increase the productive life of a pasture stand

(5 marks)

27 (a) Explain five roles of trees in soil and water conservation

(5marks)

(b) State five objectives of land reform

rin 4... Agriculture 1

(5marks)

(c) Explain five factors that may influence the spacing of crops

(5 marks)

(d) State five reasons for establishing plants in a nursery before transplanting

(5marks)



	MANGU HIGH SCHOOL	
AGRICULTURE		
Paper 2	Name.	
Form 4 Section A (30 mark	Adm. No	Fame, fires markeds of con
	er all questions in this section in the spaces prov	
1. Define the term br	reeding as used in livestock production	rided 1 mark
2. Give two reasons	The second secon	mark was w
3. Give four reasons c	carrying out steaming-up in dairy cows	
	boored at Abida-late was seen a circulate becomes perious to	2marks

4. Give two uses of a soil auger on the farm

1 mark

5. Name four breeds of rabbits kept for meat production

6 Name fo	ur uses of farm buildings	
	NGU HIGH SCHOOL	

2 marks



AGRICULTURE

7 State three methods of contagious abortion in cattle

(1½marks)

S. Give four reasons carrying out steaming-up in dairy cows

ii) Cattle

9. Give four advantages of concrete walls over wooden walls in farm buildings (2 marks)

10. State three disadvantages of using charcoal jiko in a one day old chick's brooder (1½marks)

11 State three circumstances that would lead a farmer to cull a high producing dairy cow. (1½marks)

4. Give two uses of a soil auger on the form

12 State four maintenance practices carried out on a jackplane	(2 marks)
referrat ko bodienna su modedu al terutur ot hausemee ucinstiendi delettiers to	
13 State three uses of magnesium in the body of an animal	(1½ marks)
(Main M)	2d. Doing the term our-ci
14. State five methods a farmer would use to control livestock diseases	(2½ marks)
	Segion B (20 marks)
behind a date source provided	in ni anoligéun llé iswaiiA.
t below between the names suffering autotions deficiency discusses. Stud-	H has O energy is off 1.13 Partie bas Aliferias godi
15 State four methods of controlling internal parasites in farm animals	(2 marks)
	Land Barrier Barrier
	9
16 List form mouting	
16 List four routine management practices carried out on dairy bull calves	(2 marks)
	od a remining and amort with
	9
17 Give four reasons why it is desirable to feed colostrum when rearing pigle	ts (2 marks)
(August) 10 si acusetti siti or husimusit sengaban billow rebilina	

18 State two advantages of artificial incubation compared to natural incubation as a method of hatching chicks 2 marks

19 Name two groups into which vitamins are classified

(1 mark)

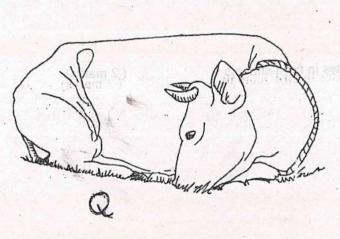
20. Define the term out-crossing as used in livestock breeding

(1/2 mark)

Section B (20 marks)

Answer all questions in this section in the spaces provided

21. The diagrams Q and R below represent farm animals suffering nutritional deficiency diseases. Study them carefully and answer the questions that follow:



(i) Identify the disease in Q and R

(1 mark)

five methods a farmer would use to

Q

R

(ii) Name the nutrients whose deficiency has caused the disease in each case above (1 mark) Q

R

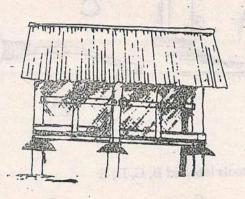
(iii) At what stage or body condition would predispose the animal to the disease in Q? (1 mark)

(iv) State two methods of alleviating the condition in Q

(1 mark)

22 Study the two diagrams D and E and answer the questions that follow





E

(ii) Whater the of custo of the cooled), C. B. S.

(i) Identify the structure D and E

(1 mark)

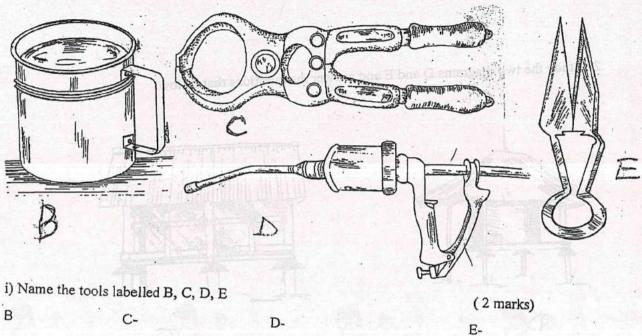
D-E-

(ii) State four structural features common in both D and E for protecting maize (2 marks)

(iii) State two maintenance practices carried out on the structures

(2 marks)

23. Study diagrams B, C, D, E below which illustrate livestock handling tools and answer the questions that follow.



(ii)State the use of each of the tools B, C, D, E

a marks)

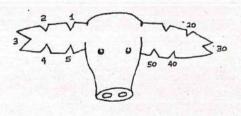
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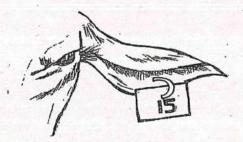
C-

D-

E-

24 The diagrams T and U below illustrate a practice carried out on livestock. Answer the questions after studying the diagrams.





(a) (i) Identify the practice shown in T and U	
(ii)Name the methods in T and U	
T- (2 marks)	
(iii) State one advantage of method T over U	
(1 mark)	
(iv) By using method of practice in T draw the animal whose number is 100. (2mark)	
as the second se	
(v) Give two reasons why the practice T and U is practised (1 mark)	
and the second	According to
Costing C (10	
Section C (40 marks) Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have	
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have	5 marks
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk productions.	5 marks (10 marks)
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have	
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk production (c) State five ways by which a farmer can minimise loss of farm tool from the farm.	(10 marks)
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk production (c) State five ways by which a farmer can minimise loss of farm tool from the farm.	
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk production (c) State five ways by which a farmer can minimise loss of farm tool from the farm. 26 (a) Describe how a calf is trained to drink milk from a bucket (b) State five limitations of animal power on the farm	(10 marks)
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk production (c) State five ways by which a farmer can minimise loss of farm tool from the farm. 6 (a) Describe how a calf is trained to drink milk from a bucket (b) State five limitations of animal power on the farm (c) State four factors that may necessitate culling in a flock of layers	(10 marks)
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk production (c) State five ways by which a farmer can minimise loss of farm tool from the farm. 26 (a) Describe how a calf is trained to drink milk from a bucket (b) State five limitations of animal power on the farm (c) State four factors that may necessitate culling in a flock of layers (d) Outline six features in a camel adaptation that enable them to survive in arid areas.	(10 marks) (5 marks)
Answer any TWO questions in this section in the spaces after question 27 25.(a) Give five qualities that eggs for incubation should have (b) Describe the procedures that should be followed to ensure clean milk productions.	(5 marks) (5 marks) (4 marks)

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(a) (i) identify the practice shown in T and U	
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(SUBSECT)	
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	••••
e) Describe how a college quied to drink milk from a budge.	••••
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(2) Describe an account of practices caused out on form housestern entities of the country of th	
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MANG'U HIGH SCHOOL

BUSINESS S	TUDIES
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DOSINESS STUDIES	Will The second second second second second	
END-TERM EXAM (March-A	ghight feath benefits of operating a large scale oril	
FORM Four		
Time: 2 hours		
Name	Class Adm. No	
Data		

Instructions to Candidates

- Write your name and admission number and in the spaces provided above
- Write the date of the examination in the spaces provided above
- Answer all the questions
- All answers must be written in the spaces provided in this booklet
- This paper consist of 7 printed pages
- Candidates should check the question paper to ascertain that all the pages are printed as indicated and no questions are missing

	For examiner's use only	
TOTAL MARKS		(10)
h of the following		
	(phiam +) ansher olos o not	
Book of original emry	Transferred to the state of the	
	Bought goods on credit from Such Traduct for	
	2W 10 909	
	Agents required goods worth at, 6.030	

1.	Highl	ight four factors that affect the quantities of potato	es in the market. (4 marks)
	(i)		/ /	
	(ii)	D HIGH SCHOOL		
	(iii)		•	
	(iv)			
2.	Highl	ight four benefits of operating a large scale retail o		
	(i)	IngA-do	ETERMENAM (Mar	
	(ii)		M. France	
	(iii)			
	(iv)			
3.	Outlin	ne four roles that a business plan plays to an entrep	reneur (4 marks)	
	(i)			
	(ii)			
	(iii)			
	(iv)	diffusion number and in the spaces provided		
4.	Highli	ght four advantages of transacting business using		
	(i)	Later the state of	med form prewate IIAs	
	(ii)	7 primed pages	This paper consist of	
	(iii)	eck the question paper to ascertain that all	Candidates should ob	
	(iv)	adicated and no questions are missing	pages are printed as	
5.	Outlin	e four causes of demand-pull inflation in Kenya.	(4 marks)	
	(i)	For examiner's use only		
	(ii)			1
	(iii)		OCCUPANT LATERY	
	(iv)			
6.	Identif	fy the books of original entry used in recording each	h of the following	
,		ction of solo traders. (4 marks)	The Control of the Co	
		Transaction	Book of original entry	
	a)	Sold goods on credit to Wanjiku for Sh. 20,000		
	b)	Bought goods on credit from Sushi Traders for Sh. 10,000		
	c)	Azoth returned goods worth sh. 6,000	and the same seems	
	d)	Solo returned goods worth sh. 11,000 to Nova	Studies A Supject for Engl	- C. C. C.

1.	Over the years, Superstar has grown into a large enterprise. Highlight four internal
	diseconomies of scale which it may be experiencing. (4 marks)
	(i) (ii)
	(ii)
	(iii)
	(iv) (interest lour trends in Thierasconst treds (vi)
8.	Record the following transactions relating to Kibaki stores in the general journal
	2011 (4 marks)
	8th June: A photocopier worth Kshs. 93,000 was purchased on credit from Lisa paper works
	9th June: bought goods on credit worth Kshs. 50,000 from Kamau traders
	10th June: An old motor vehicle worth Kshs. 250,000 was sold to Iten Traders on
	credit
	12. Identify the state of the merbet in the dingram given below. Highlight two
	characteristics of this market.
	8 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10
	and the second s
	Share of the market.
	Character of the spanish of
	tari kandanan dan dan dan dan dan dan dan dan
	and the state of the

9.	Outli	ne four demerits of using electronic filing. (4 marks)
	(i)	
	(ii)	
	(iii)	
	(iv)	
10	. High	light four trends in international trade. (4 marks)
	(i)	
	(ii)	
	(iii)	
	(iv)	
11.	State	four major decisions made by senior managers in a production firm. (4 marks
	(i)	
	(ii)	
	(iii)	
	(iv)	
12.	Ident	ify the state of the market in the diagram given below. Highlight two
		cteristics of this market.
	Pric	ie /
	Ер	(e)
		Quantity
	State	of the market.
	(i)	of the market
	(ii)	
		cteristics of the market
		cteristics of the market
	(i)	
	(ii)	
	(ii)	

13. Out	line four circumstances when containers can be use	d to transport goods.
		(4 marks)
(i)		(ii)
(ii)		
(iii)		
(iv)	The state of the s	emesses provided self-61
14. Insu	rance firms operate under the concept of pooling of	risk. Outline four benefits
of po	poling of risk to the insurance firms.	(4 marks)
(i)	at verter drive	emiyea ye bişil ça
(ii)		exedimine.
(iii)	Disalese ed	no bolival xal A (i)
(iv)	mf-dbateq e	an guid beige
15. In the	e table below, indicate the effect of the transactions of	described on the balance
	totals. Use either increase, decrease or no effect.	(4 marks)
No.	Transaction	Effect on the balance sheet totals
(a)	The owner cleared a business debt worth Kshs. 10,000	iso einibiration
(b)	Paid creditors Kshs. 25,000 in cash	
(c)	Deposited Kshs. 20,000 cash into the bank account	year 2032
(d)	Took a banks overdraft of Kshs. 35,000	
16. There	is a recent trend of reviving the railway transport in	Kenya. State four
benefi	its that will accrue to the economy of Kenya.	(4 marks)
(i)		
(ii)		
(iii)		***************************************
(iv)		,
7. Outlin	e four reasons why the government gets involved in	
		(4 marks)
(i)		
(ii)		
(iii)		
(iv)		

3. State four circumstances when a public co	orporation may be dissolved. (4 marks
(i)	
(ii)	
(iii)	
(iv)	(100)
. The following statements relate to the diff	erent types of taxes in our country tod
For each statement name the type of tax it	describes (4 marks)
Statement	Type of tax and date to pullogg to
a) Paid by anyone who earns an income	(I)
b) A tax levied on the transfer of	The Thirt
capital from one person to	tvii
another	to the table below, Indicate the effect
c) Taxes used by the governments to	sheet totals. Use elther ingreuse decre
control quantity of goods exported	Ve. Transacion
d) A uniform tax applied to all	
individuals paying taxes	a) The owner, cleared a business
The following information was extracted fr year 2012.	rom the books of Amka Traders for the (3 marks)
28,000	Kshs. 10 distances a suited a scott 1 to
Capital 1st January, 2012	450,000
Net profit	100,000 and or aurous like skul stilleds
Withdrew Cash for personal uses	250,000
Capital 31st December, 2012	1,000,000
are represented by the second state of the second second	and the second s
Determine additional investment for the ye	ear.
Determine additional investment for the ye	ear.

below.		(4 marks)
	\longrightarrow retailer \longrightarrow	consumer
(i)		
(ii)		
(iii)		
(iv)	A CONTRACTOR OF THE PROPERTY O	esta sue (au)
2. The following information relates to dim	ples limited for the year endec	i 31 st July
2010.		o lating (a)
Average stock at selling price	144,000	
Rate of stock turnover	5 times	
Margin	20%	
Total expenses	48,000	
Calculate:		
a) Average stock at cost		1 mark)
h) Cost of sales		1 mark)
b) Cost of sales		
c) Turnover	and the comment of the same and	1 mark)
		1 mark) 1 mark)
c) Turnover		Laterian (CE)
c) Turnover d) Gross profit	titor digit each of the fellowing	1 mark)
c) Turnover d) Gross profit		1 mark)
c) Turnover d) Gross profit (altern b) of stellar assumptions	totor digit each of the fellowing	1 mark)
c) Turnover d) Gross profit (SALSER F) OF GRIEN 253-1407-243	ctor digit each of the following	1 mark)
c) Turnover d) Gross profit (SALSER F) OF GRIEN 253-1407-243	tation that each of the following Resource Manager Velucio	1 mark)
c) Turnover d) Gross profit (SALSER F) OF GRIEN 253-1407-243	totor dust each of the fellowing Resource Manager	1 mark)

				environment.
4 marks) onsumer		holesaler	W ()	(4 marks
(a) Econo	omic factors:			
	manufacture and a second			
			and instruction were	
	graphic factors:			CONTRACTOR OF STREET
	limited for the year ended .			
(c) Social	cultural factors:	ites to dimple	siat nonenno	
	144,000	90110		g age laws
(d) Dolitio	cal factors:		ick turnover	ne lo men
(a) Politic	9607			
	900.84		11563	eque tale t
Outline th	ne procedure of obtaining an	insurance pol	icy.	(5 marks
Outline th	ne procedure of obtaining an	insurance pol	icy.	(5 marks
	ne procedure of obtaining an	insurance pol	icy.	(5 marks
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Outline th (i) (ii) (iii) (iv)	ne procedure of obtaining an	insurance pol	icy.	(5 marks
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Outline th (i) (ii) (iii) (iv) (v) (vi) Name the	factor that each of the follow	insurance pol	relate to	(5 marks
Outline th (i) (ii) (iii) (iv) (v) (vi) Name the	factor that each of the follow Resource Manager	insurance pol	relate to	(5 marks
Outline th (i) (ii) (iii) (iv) (v) (vi) Name the	factor that each of the follow Resource Manager Vehicle	insurance pol	relate to	(5 marks
Outline th (i) (ii) (iii) (iv) (v) (vi) Name the	factor that each of the follow Resource Manager	insurance pol	relate to	(5 marks

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