 Give two ways in crop rotation helps in weed control. 	, (1 mk)
· Alternate deep rooted and shall	the weeds
2. Differentiate mixed cropping and intercropping.	
the same frece of land at specific growing different types of cops on the	Section while intercrypting
logether.	,
3. Give four advantages of intensive farming system.	(2mks)
- High Tields - Maximum we of resource - High quality mance - Switzbla blood 15 11	es ted
20110 -20 16 LOLOL C (ALMO) 13 CLA	V.V() Co-
4. Name three practises that help to attain optimum crop popula	
4. Name three practises that help to attain optimum crop popula	tion after planting. (1 ½ mks)
4. Name three practises that help to attain optimum crop popula	
4. Name three practises that help to attain optimum crop popula - Minning - Meding - Pest and disease Control	(1 ½ mks)
4. Name three practises that help to attain optimum crop popula — Manning — Welding — Pelf and disease fly control considered a land recla	(1 ½ mks)
4. Name three practises that help to attain optimum crop popula - Minning - Meding - Pest and disease Control	(1½ mks) mation process. (1mk) 16 Stephny Sickness obsers Chon (1mk) 10 wer horizon
4. Name three practises that help to attain optimum crop popular - Minning - Pest and off ease Confrol 5. Give two reasons why tsetse fly control considered a land reclar Eliminates fly blem of nayout Makes Male Nabi fable for 6. Explain how leaching leads to loss of soil fertility. MOVEL National Confrol 6. Explain how leaching leads to loss of soil fertility.	(1½ mks) mation process. (1mk) 16 SPEGING SICKNES OBEL CHON (1mk) 10 WER MORIZON

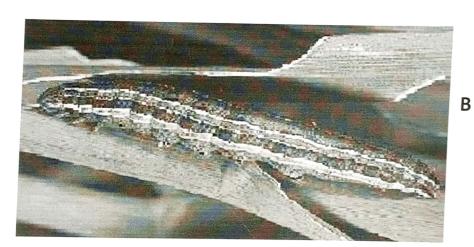
7. Outline four observable indicators of economic development of a nation.	(21
- High per capita income	(2mks
- Improved infrastructure	
- WROOD MCTOC DOWN CONTINUE	••••••
- Incremsed rected home facilities - Efficient Production methods	
8. Give four methods of farming.	
Mixed ferming	(2mks)
Nomache Phytoralism	
Shifting Cultivation	
Organie farming	
Agraforestry-	
9. State four factors that should be considered when selecting a crop to grow in a	n area.
Size of Inna	(2mks)
-Climate	(=
- jupe of soil.	
- Cental availability	
- farmers faster & preference	
- Government Pohty	
10. Identify four roles of calcium in crops.	(2mks)
- Help in grain formation	(211185)
-RaBing Soil AH	
, and a second s	
- Help in all Mant cell format	(// //
11. Give two benefits of using certified seeds.	
, A - T	(1mk)
-High tielding	
- Free from diseases pathoge	m) .

12. Give four benefits of tissue culture in crop propagation.	(2mks)
- l'althogen free	
- Many propagnie in a small spal	0.0
13. Give two ways in which mulching helps in water conservation.	(1mk)
- Keduces the rate of evalor	ation
- Checks speed of run off heale	
water infiltration in the soil.	1,000
14. Apart from tomatoes, name four examples of fruit vegetables.	(2-1-)
	(2mks)
- watermelon	
- Brinjal	
- Mmpkins	
- Butter nut.	
15. Distinguish hardening and hardening off as applicable in crop production.	(2mks)
Hardening-Removal (breaking)	1 to Fol
	t in
orions pror to harveting white	e raidenino
off is removal of the shed and redu	Khon in -
WATERING REGIME to MAKE THEM READY 16. Give four ways of improving labour productivity in the farm.	for transplanin
16. Give four ways of improving labour productivity in the farm.	(2mks)
-Sufferysion	
- Training	
- M(P 19P PM Chand)	
- project renumeration	
- Improve Ment of Welfere NHIF, NSSF 17. What is production function.	
17. What is production function.	(1mk)
Physical relationship between	mildt
and output.	
J. M. D. S.	
18. Suggest five symptoms of viral infection in crops.	(2 ½ mks)
- chlorosis Hellowing of leave	,
100 (C1 C) - (1	
- Leaf Chrling	0.51 15
- MIUSAILS CLIGHT GREEN OF TELLOW	(hrches)
- mosairs chant green or yellow - malformation (3d Btortion)	0
- Rosettiny	

SECTION B 20 marks (Answer ALL the question in this section.

19. The diagrams below illustrate field pest of maize. Study them and answer the question that follows.





a. Identify the pest labelled A Maize Stalk borer	(2mks)
A IVALZE STAIR BUILT	
B Army worm	
b. Give one cultural method of controlling pest A - Field トリタiene	(1 mks)
- cry rotation	
c. Give the damage caused by the pest B	(2 mks)
- Eat the leaves hence low	ers the photograthetic
area	
- Open wounds for secondary	infection

20. Study the diagram below and answer the questions that follow.



a. Name the structure above Gabbions OFONS Clarks (1 mk)	
b. Give two ways in which the above structure helps in soil and water conservation. (2mks) TOPS Prodect materials Check the speed of run of	
c. State two reasons why the above structure is not commonly used as a soil conservation	
method. (2 mks) Special Skyll High Costs 21. Below is an illustration of crop propagation. Study it and answer the questions that	avalab
follow.	
X Y	
Identify the method of propagation above. (1mk)	

x SCi v Root	parts labelled ON STOCK Ivantages of the COSTST		ethod. ESCi	on Ør	s can be	(2mks) (2 mks) (2 mks)	Ite
22. The table b	pelow shows a fo	ormat of a farm	record. Stu	dy it	and answer the	questions that	
Date	Disease symptoms	Livestock affected	Drugs use	d	Cost of treatment	Remarks	
a. Identify the	record illustrate	dabove.				(1 mk)	
- Identi - CUST When Section C (40 m	M MOS Chuos Chuos arks) Answer an	HATTHE EATTHE INDUSTIONS	lent Notations Red Instruments	,0	Bense Ctock	(4 mks) Jey Vaccir	nation
23. a) State five Explicit b) Sta te five	\wedge	n encourage soi		10 ml	ks)		
		f harvesting agro					
24. a) State and							
		human factors t					
25. a. Explain fi							
		hat promote the					
			/	······			
		6					

1×5=5mM1.

= Classifying herbiades State IX5 = 5 marks EXPlanation IX5 = 5 marks 10 mark

Dectors that promote rooting - Relative humberty - Light intensity - Rooting medium - Leaf Suface area.
,
State IX4 = 4marks EXManation IX4 = 4 marks
8 mars
001612