

FOR EXAMINER'S USE ONLY

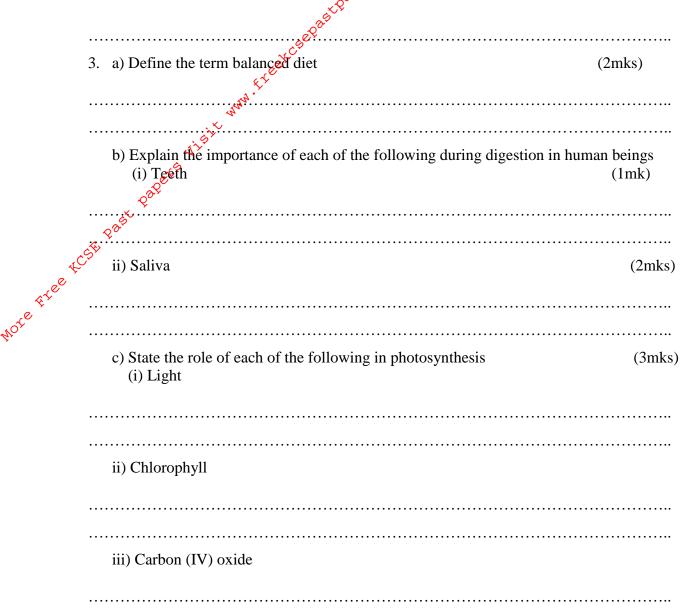
80 MARKS

SECTION A

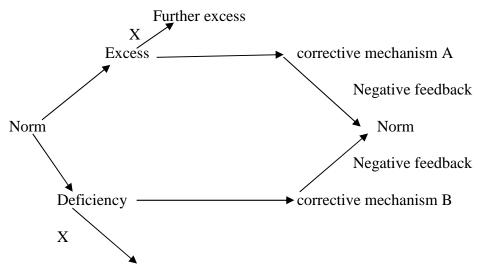
1. a) What is immunity to a disease

	1.	a) What is immunity to a disease	(1mk)
		7. t.	
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		b) Distinguish between the following types of immunity	
		b) Distingues he to be be before the following types of immunity (i) Natural immunity	(1mk)
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OTE STE		(ii) Artificial immunity	(1mk)
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	2.	The figure below represents a transverse section of a root	

i)	Name the parts labeled A, B and D	(3mks)
	State the role of the part labeled C	(1mk)



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



Further describing Further describing Further describing from the principle labeled X

	a) Name the principle labeled X	(1mk)
	a) Name the principle labeled X	
	b) If the above diagram represented blood sugar regulation (i) State the corrective mechanisms carried out at A	(2mks)
	ii) The condition that may result from the further excess	(1mk)
more fire		
	iii) the hormone that would be responsible for correcting the deficiency	(1mk)
	c) Give the reasons as to why plants have less elaborate excretory systems animals	as compared to (3mks)
	5. a) State two effects of air pollution to plants	(2mks)
		(2.1.)
	b) Name two human activities that cause soil pollution	(2mks)
		,

c) How	is plasmodium adapted to			(2mk
	24.			
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d) State	two ways of controlling the			(2m)
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ECTION	<u> </u>			
Part	Treatment	Percentage cover in the 1 st 2 metres from the ground	Average width in metres	Average hin meta
T	Luting and the government	_	0.5	5.0
I	Untrimmed throughout Trimmed twice annually	3% 55%	0.5	5.0 3.5
III	Trimmed throughout	85%	1.5	2.5
a) Giv	ve three deductions one wou	ld draw from the abov	e results	(3m
•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
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b) Ex	plain the effects of the follow	ving on percentage co	ver; width of hedg	e and height
pla	nts	wing on percentage co	ver; width of hedg	
pla	L	wing on percentage co	ver; width of hedg	e and height
pla	nts	wing on percentage co	ver; width of hedg	
pla	nts	wing on percentage co	ver; width of hedg	