	INDEX NO	
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231/2	Date	Sign
BIOLOGY PAPER 2 (THEODY)		
PAPER 2 (THEORY)		
MAY 2014		
2 HOURS		
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RASSU JOINT EXAMINATION TEST - 2014

Kenya Certificate of Secondary Education (K.C.S.E)

INSTRUCTIONS

- 1. This paper consists of two sections A and B. Answer All the questions in section A in the spaces provided.
- 2. In section B answer questions 6 (Compulsory) and either Questions 7 or 8 in the spaces provided.

FOR EXAMINER'S USE ONLY

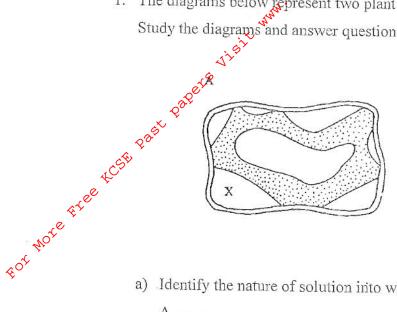
QUESTION	MAXIMUM SCORE	CANDIDIATE'S SCORE
1	8	
2	8	
3	8	
4	8	
5	8	
6	20	1990
7	20	
8		
	80	>-
	QUESTION 1 2 3 4 5 6 7 8	SCORE 1 8 2 8 3 8 4 8 5 8 6 20 7 20 8 20

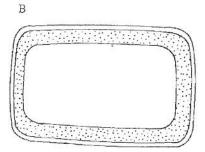
This paper consists of 11 printed pages. Candidates should check carefully to ascertain that all the pages are printed as indicated and no questions are missing

SECTION A (40 MARKS)

Answer all the questions in this section in the spaces provided after each question.

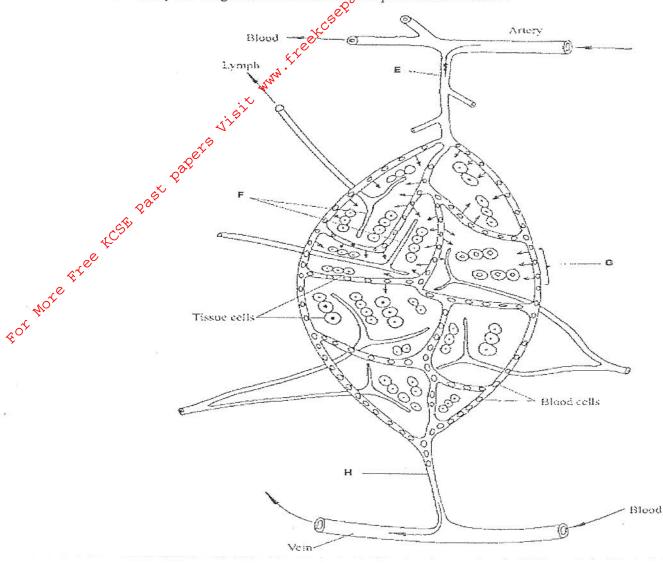
1. The diagrams below represent two plant cells A and B placed in two different solutions. Study the diagrams and answer questions that follow:





Identify the nature of solution into which each cell was placed.	(2mk)	
A		
Name the physiological process responsible for the observed results.	(lmk)	
······································		
Give the correct biological term used to describe cell A.	(1mk)	
cell B was placed.	(2mk)	
Explain why freshwater amoeba do not burst when placed in distilled water.	(2mk)	
SC S		
	A	

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

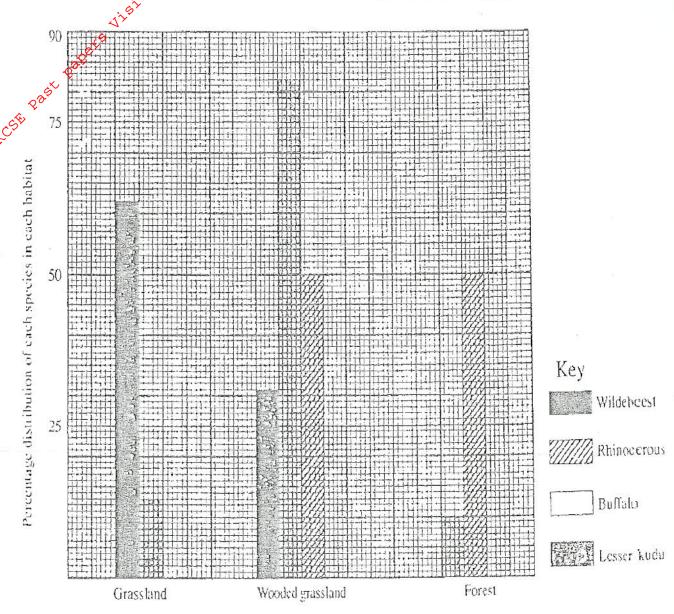


a)	Identify the parts labeled E, F and H.	(3mk)
	E	
	F	
	H	
b)	State the importance of the process represented by G in bodies of liv	ing organisms.
		(2mk)
15		

SECTION B (40 MARKS)

Answer questions 6 (computer ory) and either question 7 or 8 in the spaces provided.

6. A study was carried and to investigate the distribution of certain mammals in a game reserve with three distinct habitats. The results were as presented in the graph below.



a) Suggest a suitable method that could have been used to obtain the data from the three habitats. (1mk)

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