Name:				
Name:	Index No			
Candidate's Sign	nature, est.			
	Date:			
231/3				
BIOLOGY				
Paper 3				
(PRACTICAL)				
June 2014				
June 2014	MARANDA BUNYORE Premock-Examination			
BIOLOGY				
Paper 3				

Instructions to candidates

(PRACTICAL)
1 3/4 Hours

- > Write your name and index number in the spaces provided above.
- > Sign and write the date of the examination in the spaces provided above
- Answer ALL the three questions in the spaces provided
- > Spend the first 15 min of the 1hr 45 min to read through the paper carefully before commencing your work.
- > Additional pages must NOT be inserted
- > This paper consists of 5 printed pages
- > Candidates should check the question paper to ensure that all the pages are printed as indicated and no question is missing.

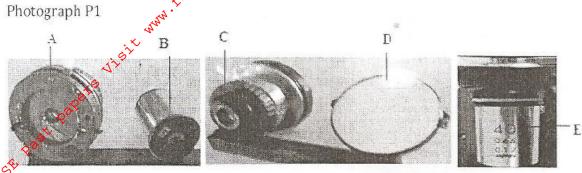
FOR EXAMINER'S USE ONLY

1.

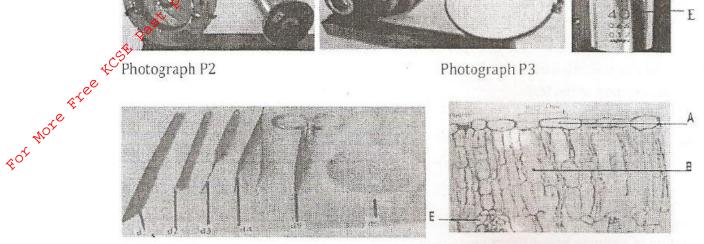
(a) Carefully break it open along its length to expose inner parts hence draw a well labeled diagram of specimen R showing at least four parts. (3 marks)

(b) Crush the already broken specimen R into fine powder, put into a test tube and add 6ml of water to make solution R. Using the provided reagents carry out tests to identify the food substances present in solution R. (9 marks)

TEST FOR	PROCEDURE	OBSERVATION	CONCLUSION



Photograph P3



a) Identify the parts of the microscope labeled A, B, C, D and E and in each case state its function. (5 marks)

Part	Identity	Function
A		
В		
С		
D		
Е		

t))	I) Name the instruments	labeled d1, d2, and d3	

(3 marks)

d1	
d2	
d3	
ii) State the role of d4, d5 and d6 during dissection	(3 marks)
d4	

(3 marks)

3. Photographs R1, R2, R3 and R4 show fetuses at different stages of development after implantation in a human being. Use them to answer the questions that follow.

length of the vertical cross-section of the leaf.

