KCSE TRIAL 2019

BIOLOGY PAPER 3 QUESTIONS

	dure. (1 mark)
Obser	vation. (1mark)
Concl	usion. (1mark)
b) Use (1 mar	Benedict's solution to test the presence of the food substance in solution P. Food subst k)
Proced	dure. (1mark)
Obser 	vation. (1 mark)
Concl	usion. (1mark)
 c) Plac	usion. (1mark) The 3 ml of solution P in a test tube. Add 3 ml of solution N and place the test tube in a wind naintained at 370 C. Allow to stand for about 30 minutes. Test for food substance using ict's solution. i) Record your observation. (1mark)
c) Plad bath r Bened	re 3 ml of solution P in a test tube. Add 3 ml of solution N and place the test tube in a w
c) Place bath r Bened	ce 3 ml of solution P in a test tube. Add 3 ml of solution N and place the test tube in a w naintained at 370 C. Allow to stand for about 30 minutes. Test for food substance using ict's solution. i) Record your observation. (1 mark)

	observable features only, classify the animals into their respective classes. R Class.	
Features	. (3mrks)	
S Class. ((1 mark)	
	(2marks)	
T Class.	(1mark)	
Features	. (2marks)	
c) State t	three observable differences between specimens R and S. (3marks)	
Attached were obs	P and Q are photographs of tissues of specimens taken from the same organism whereved under a light microscope at different magnifications.	nich
a) With a (2marks)	reason state the kingdom to which the organism the specimens were taken from be	long
Kingdom	l	
b) Reaso c) Durino petri disi	ng the preparation of specimens P and Q, very thin sections were cut, kept in distilled and latter stained.	wat
C+-+- +l	significance of each process. (3marks)	

Keeping sections in distilled water
Staining of the sections.
d) Make a drawing of one cell showing how the cells will appear if the specimen was placed in saturated salt solution. (2marks) i) Label the structures K and L. (2marks)
L
ii) State two ways in which the structure L is used to its function. (2marks)