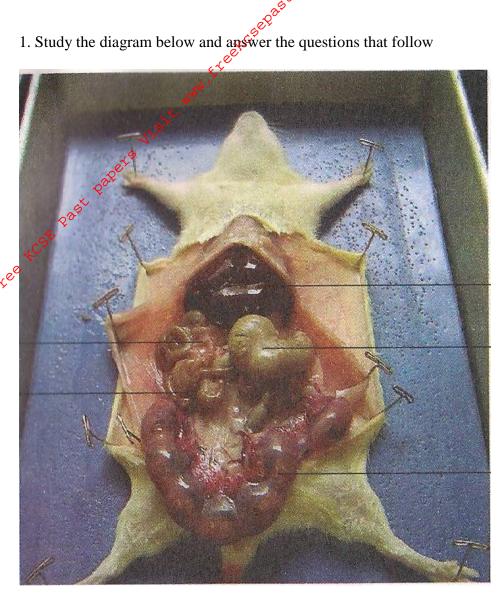
BIOLOGY	e,		
PAPER III	and Eree		
TIME: 1 ¾ HOURS	Land Contract of the Contract		
MAY/JUNE 2014			
NAME: Qagers			
NAME: , Q		ADM.NO:	CLASS:
Qa5V			
NAME:			
INSTRUCTIONS			

## **FOR EXAMINER'S USE ONLY**

80 MARKS



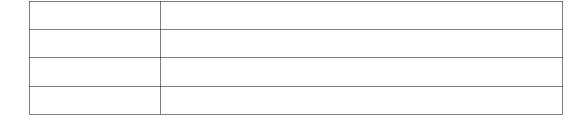


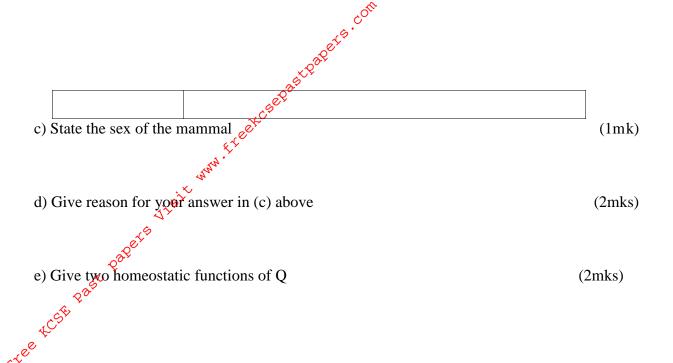
a) Name the structures labeled P, Q, R and S  $\,$ 

(4mks)

b) State the function of structures  $P,\,S,\,R$  and T

(5mks)





2. You are provided with a substance labeled H.

Filter the substance and collect the filtrate. Filtration is expected to be complete after about 30 minutes

a) Using the reagents provided test for the food substances in the residue and the filtrate. Record your procedures, observations and conclusions in the table below

Residue (4mks)

<b>Food substance</b>	Procedure	Observation	Conclusion
-			
Protein			
Reducing			
sugars			

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## Filtrate (4mks)

Food substance	Procedure	Observation	Conclusion
Protein	Jisix was		
QaQeris			
Reducing sugar			
e			

b) i) A food substance was found to be present in the residue, but absent in the filtrate. Give a reason for the absence of this food substance in the filtrate (1mk)

ii) If the food substance mentioned above was lacking in the diet of a young child state the deficiency disease the child is likely to suffer (1mk)

