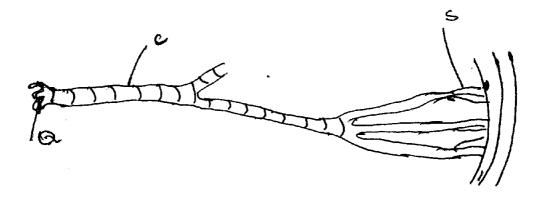
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GATITU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU FORM 3 BIOLOGY TUNE – UP EXAMINATION. TERM I 2015.

NAM	ME: CLASS:	ADM. NO
1a) i)	Name 2 products of anaerobic respiration in animals.	(2mks
ii)		
b)	Write a word equation to represent anaerobic respiration in plants.	(2mks
2. i)	Name 3 respiratory surfaces in plants.	(3mks
ii)		
iii)		
3. i)	What is meant by each of the following terms? Cremated cell.	
ii)	Flaccid cell.	
4.	The diagram below shows the gaseous exchange system of a locust.	



a) Na	me the structure labeled Q.	1mk
b)	State the function of the part labeled R	1mk
c)	How is the part labeled S structurally adapted to its function.	(2mks

The table below shows the transportation of substances in human body. 5.

substance	Transported by blood		
	From	То	
Омиер	М	Whole body	
Oxygen N	Liver	Kidneys	
N	Intestines	Whole body	

a) Name the substance represented by:	(3mks
M	
N	
N	

State 3 structures differences between Red blood cells and white blood cells. (6mks 6.

White blood cell
2

7a)	Explain how artificial acquired immunity and artificial nos	itica ====:i== 1 .	
achi	ieved.	acquired immunity and artificial positive acquired immunity are (2mks	
		(
		•	
		•	
b)	What is a booster vaccine?	(2l	
		(2mks	
8. 	The skin protects underlying body tissues and regulates bo	dy temperature. State 2 othe	
uncti)	ions of the skin.		
•			
i)			