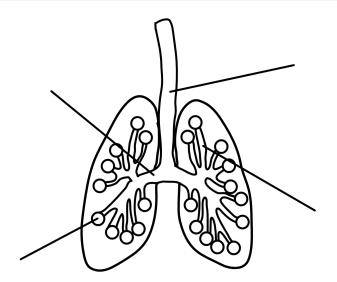


1 Label the structures of the lungs indicated by the arrows in the simplified diagram below.



[4	marks	]
L		7

2	Name the two gases that we exchange via the lungs and state how they travel around the body	
1)		
2).		[ <b>4</b> marks]
3	Why do we need a specialised exchange system to exchange the gases mentioned in Question 2?	
		[ <b>2</b> marks]
4	State and explain 3 ways in which the alveoli are adapted to their role of gas exchange	
1)		
3).		
		[6 marks]

## **GCSE Biology**

5 A sprinter runs a 400m race. She takes 42 breaths in the three and a half minutes before the race and 33 breaths in the 90 seconds after the race. What was her breathing rate before and after the race?

Breathing rate before the race = ..... m / min Breathing rate after the race = ..... m /min [4 marks]

[Total 20 marks]