

Revision Sheet

IGCSE Biology · Unit 11 Gas exchange in humans

6 vocabulary items · 31 marks of exam questions (5 questions)

Part 1 · Vocabulary review answer key. Section A wants the exact English spelling.

Question	Answer	Marks
1	alveoli	1
2	ribs	1
3	diaphragm	1
4	intercostal muscles	1
5	cartilage	1
6	thorax	1

Multiple Choice Answers

Q7: A

Multiple Choice Answers

Q8: D

9(a)	large ; short ; good ; ventilation ;
9(b)(i)	<u>alveolus</u> ;
9(b)(ii)	X ; Z ;
9(b)(iii)	diffusion ;

10(a)	<i>diagram correctly labelled clockwise from top right:</i> trachea ; alveolus ; diaphragm ; rib ; bronchus ;
10(b)	mouth / nose ;
10(c)	more ; less ; vapour / molecules ;
10(d)	limewater ;

11(a)	A larynx ; D bronchiole ; E diaphragm ;
11(b)	ciliated (cell) ;
11(c)	H ; physical / chemical ;
11(d)(i)	<i>supports:</i> G is the largest species and has the greatest total alveolar surface area / A is the smallest species and has the smallest total alveolar surface area / AW ; <i>does not support :</i> species F is larger than species E but has a smaller total alveolar surface area / ORA ;
11(d)(ii)	$(120 - 20) = 100 \text{ (m}^2\text{)} ;$
11(e)	<i>any two from:</i> thin (surface) ; good blood supply ; good ventilation (with air) ; AVP ;