PYQSide PYQSide.com — free PYQs with solutions Powered by TestBlink

NEET BREATHING AND EXCHANGE OF GASES — EXCHANGE OF GASES (PARTIAL PRESSURES) — PYQS

Max. Marks: 12 **Questions:** 3

Section A (MCQ) — 3 questions

Q.1 The partial pressures (in mm Hg) of oxygen (O_2) and carbon dioxide (CO_2) at alveoli (the site of diffusion) are : [NEET (UG) 2021]

(1) $pO_2 = 159$ and $pCO_2 = 0.3$

(2) $pO_2 = 104$ and $pCO_2 = 40$

(3) $pO_2 = 40$ and $pCO_2 = 45$

(4) $pO_2 = 95$ and $pCO_2 = 40$

Scan or tap for the full solution

Q.2 The partial pressure of oxygen in the alveoli of the lungs is [NEET 2016 (Phase 2)]

(1) equal to that in the blood

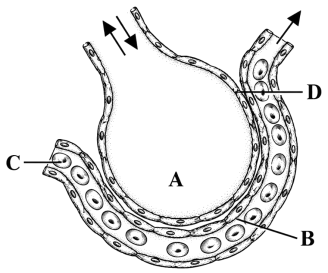
(2) more than that in the blood

(3) less than that in the blood

(4) less than that of carbon dioxide.

Scan or tap for the full solution

Q.3 The figure given below shows a small part of human lung where exchange of gases takes place. Select the option which represents labelled part (A, B, C or D) correctly identified along with its function. [AIPMT 2011 (Prelims)]



(1) D : capillary wall - exchange of O_2 and CO_2 takes place here

(2) B : red blood cells - transport of CO_2 mainly.

(3) A : alveolar cavity - main site of exchange of respiratory gases

(4) C : arterial capillary - passes oxygen to tissues

Scan or tap for the full solution

ANSWER KEY

Ques.	1	2	3								
Ans.	**2**	**2**	**3**								