

PYQSide

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

Max. Marks: 12

Questions: 3

Section A (MCQ)

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)]

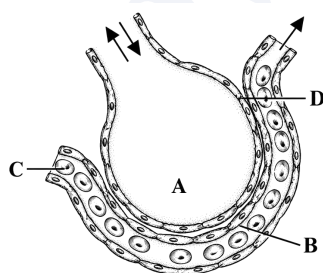
- (1) equal to that in the blood
- (2) more than that in the blood
- (3) less than that in the blood
- (4) less than that of carbon dioxide.

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								