

PYQSide

NEET BREATHING AND EXCHANGE OF GASES — MECHANISM OF BREATHING — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ)

Q.1 Select the correct events that occur during inspiration.

- (i) Contraction of diaphragm
- (ii) Contraction of external inter-costal muscles
- (iii) Pulmonary volume decreases
- (iv) Intra pulmonary pressure increases

[NEET (UG) 2020]

- (1) Only (iv)
- (2) (iii) and (iv)
- (3) (i), (ii) and (iv)
- (4) (i) and (ii)

Scan or tap for the full solution



Q.2 Lungs do not collapse between breaths and some air always remains in the lungs which can never be expelled because

[NEET 2016 (Phase 2)]

- (1) there is a negative pressure in the lungs
- (2) there is a negative intrapleural pressure pulling at the lung walls
- (3) there is a positive intrapleural pressure
- (4) pressure in the lungs is higher than the atmospheric pressure.

Scan or tap for the full solution



Q.3 Which one of the following is a possibility for most of us in regard to breathing, by making a conscious effort?

[AIPMT 2011 (Mains)]

- (1) One can breathe out air totally without oxygen.
- (2) One can breathe out air through Eustachian tube by closing both nose and mouth.
- (3) One can consciously breathe in and breathe out by moving the diaphragm alone, without moving the ribs at all.
- (4) The lungs can be made fully empty by forcefully breathing out all air from them.

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3										
Ans.	4	2	3										