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

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

Section A (MCQ) — 3 questions

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)

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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.

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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.

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ANSWER KEY

Ques.	1	2	3								
Ans.	**4**	**2**	**3**								