

NEET BREATHING AND EXCHANGE OF GASES — DISORDERS OF THE RESPIRATORY SYSTEM — PYQS

Max. Marks: 32
Questions: 8

Section A (MCQ) — 8 questions

Q.1 Match List-I with List-II

List - I		List - II	
A.	Emphysema	I.	Rapid spasms in muscle due to low Ca^{++} in body fluid
B.	Angina Pectoris	II.	Damaged alveolar walls and decreased respiratory surface
C.	Glomerulonephritis	III.	Acute chest pain when not enough oxygen is reaching to heart muscle
D.	Tetany	IV.	Inflammation of glomeruli of kidney

Choose the correct answer from the options given below :

[NEET (UG) 2025]

- (1) A-II, B-IV, C-III, D-I (2) A-II, B-III, C-IV, D-I
 (3) A-III, B-I, C-IV, D-II (4) A-III, B-I, C-II, D-IV

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Q.2 Due to increasing air-borne allergens and pollutants, many people in urban areas are suffering from respiratory disorder causing wheezing due to :

[NEET (UG) 2019]

- (1) Proliferation of fibrous tissues and damage of the alveolar walls
 (2) Reduction in the secretion of surfactants by pneumocytes
 (3) Benign growth on mucous lining of nasal cavity
 (4) Inflammation of bronchi and bronchioles

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Q.3 Which of the following options correctly represents the lung conditions in asthma and emphysema, respectively?

[NEET 2018]

- (1) Decreased respiratory surface; Inflammation of bronchioles
 (2) Inflammation of bronchioles; Decreased respiratory surface
 (3) Increased number of bronchioles; Increased respiratory surface
 (4) Increased respiratory surface; Inflammation of bronchioles

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Q.4 Which of the following is an occupational respiratory disorder?

[NEET 2018]

- (1) Botulism (2) Anthracis
 (3) Silicosis (4) Emphysema

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Q.5 Name the chronic respiratory disorder caused mainly by cigarette smoking.

[NEET 2016 (Phase 1)]

- (1) Respiratory acidosis (2) Respiratory alkalosis
 (3) Emphysema (4) Asthma

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Q.6 Asthma may be attributed to

[NEET 2016 (Phase 1)]

- (1) inflammation of the trachea
 (2) accumulation of fluid in the lungs
 (3) bacterial infection of the lungs
 (4) allergic reaction of the mast cells in the lungs.

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Q.7 Name the pulmonary disease in which alveolar surface area involved in gas exchange is drastically reduced due to damage in the alveolar walls.

[AIPMT 2015]

- (1) Pneumonia (2) Asthma
 (3) Pleurisy (4) Emphysema

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Q.8 Which one of the following is the correct statement for respiration in humans?

[AIPMT 2012 (Prelims)]

- (1) Cigarette smoking may lead to inflammation of bronchi.
- (2) Neural signals from pneumotaxic centre in pons region of brain can increase the duration of inspiration.
- (3) Workers in grinding and stone-breaking industries may suffer from lung fibrosis.
- (4) About 90% of carbon dioxide (CO_2) is carried by haemoglobin as carbamino-haemoglobin.

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full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8			
Ans.	2	4	2	3	3	4	4	3			