

Chapter – 14 | Breathing and Exchange of Gases

QUIZ
PART-02

1. Human respiratory system is mainly divided into —
- A. Heart and lungs
 - B. Respiratory passage and lungs
 - C. Blood and tissues
 - D. Nose and mouth only (B)

Explanation : The PPT divides the human respiratory system into respiratory passage and lungs.

2. Upper respiratory tract includes —
- A. Trachea only
 - B. Bronchi only
 - C. Nasal cavity, pharynx and larynx
 - D. Alveoli only (C)

Explanation : These structures form the upper respiratory tract.

3. The nasal cavities are separated by —
- A. Nasal septum
 - B. Epiglottis
 - C. Bronchiole
 - D. Pleura (A)

Explanation : The nasal septum separates the two nasal cavities.

4. Nasal cavity helps in —
- A. Cooling air only
 - B. Producing voice only
 - C. Digesting food
 - D. Warming, moistening and filtering air (D)

Explanation : Nasal cavity makes incoming air body-temperature, moist and clean.

5. Pharynx is a common passage for —
- A. Blood and lymph
 - B. Food and air
 - C. Urine and air
 - D. Nerves and blood (B)

Explanation : The pharynx serves both digestive and respiratory pathways.

6. The structure that prevents food from entering the trachea is —
- A. Epiglottis
 - B. Alveolus
 - C. Pleura
 - D. Bronchiole (A)

Explanation : Epiglottis covers the glottis during swallowing.

7. Larynx is also called —
- A. Food pipe
 - B. Wind pipe
 - C. Sound box
 - D. Pleural cavity (C)

Explanation : Larynx contains vocal cords and helps in sound production.

8. The opening of the larynx is called —
- A. Pharynx
 - B. Trachea
 - C. Bronchus
 - D. Glottis (D)

Explanation : The pore/opening of the larynx is called glottis.

9. Trachea contains which type of cartilage rings?
- A. C-shaped hyaline cartilage rings
 - B. Spiral bone rings
 - C. Complete circular bony rings
 - D. Elastic fibres only (A)

Explanation : C-shaped rings keep the trachea open for airflow.

10. Trachea divides into —
- A. Two primary bronchi
 - B. Two alveoli
 - C. Three larynx tubes
 - D. Four nasal chambers (A)

Explanation : The trachea divides into right and left primary bronchi.