

VISWASS SCHOOL & COLLEGE OF NURSING

GNM 1ST YEAR

ANATOMY AND PHYSIOLOGY

UNIT-6

THE RESPIRATORY SYSTEM

OBJECTIVE QUESTION AND ANSWER

PREPARE BY: MS. AMRITA SINGH,
DEPARTMENT OF NURSING, VISWASS

(A) Multiple choices.(10mark)

1.Name the process of gaseous exchange in the body.

- a) Lymphatic system
- b) Respiration
- c) Cardiovascular system
- d) Respiratory system

ans: Respiration

2. When you breath in air, you bring oxygen into your lungs and blow out_____.

- a) carbon dioxide
- b) carbon monoxide
- c) oxygen
- d) hydrogen

ans: Carbon dioxide

3. The trachea is also called the _____.

- a) lungs
- b) windpipe
- c) bronchus
- d) diaphragm

ans: Windpipe

4. The voice box is also known as the _____.

- a) Alveoli
- b) Larynx
- c) Trachea
- d) Bronchus

ans: Larynx

5. Air enters your lungs through the _____.

- a) Trachea
- b) Esophagus
- c) Alveoli
- d) Larynx

Ans: Trachea

6. when you inhale, your lungs _____?

- a) Inflate
- b) Turn purple
- c) deflate
- d) disappear

Ans: inflate

7. . What are alveoli?

- . a) Alveoli are tiny cells
- b) Alveoli are large blood vessels
- c) Alveoli are tiny blood vessels
- d) Alveoli are tiny sacs in the lungs

ans: Alveoli are tiny sacs in the lungs

8. The maximum volume of air contained in the lung by a full forced inhalation is called

- a) Vital capacity
- b) Tidal volume
- c) Total lung capacity
- d) Inspiratory capacity

ans: Total lung capacity

9. What can not be stored by the body?

- a) Vitamins
- b) Energy
- c) Minerals
- d) Oxygen

Ans:oxygen

10. . The maximum volume of air that can be released from the lungs by forceful expiration after deepest inspiration is called the _____.

- a) Total lung capacity
- b) Vital capacity
- c) Tidal volume

d) Ventilation rate

ans: Vital capacity

(B) Fill in the blanks. (10 mark)

- 1. _____ divides nasal cavity to 2 halves. (ans: nasal septum)**
- 2. The right lung has _____ lobes. (ans: three)**
- 3. Air sacs inside the lungs are called _____. (ans: Alveoli)**
- 4. Larynx attaches to _____ bone superiorly. (ans: Hyoid)**
- 5. The larynx has _____ cartilages connected by membranes and ligaments. (ans: 9)**
- 6. The trachea is made of 16-20 C-shaped rings of _____ cartilage. (ans: Hyaline)**
- 7. The diffusion of gases between the alveoli and the alveolar capillaries is called _____ . (ans: External respiration)**
- 8. The absorption of oxygen and the release of carbon dioxide by cells is called _____ . (ans: Internal respiration)**
- 9. Volume of air remaining in the lungs after forced expiration _____ (ans: Residual volume)**
- 10. Remaining capacity of the respiratory passages is called _____ (ans: anatomical dead space)**