Respiratory System Learning Objectives

1. Name the respiratory structures and describe their functions.

2. Define nasal.

3. Define sinus.

4. Describe the function of the nasal cavity and nostril hairs.

5. Define pharynx.

6. Define larynx. Name the tissue comprising the rigid support of the larynx. Describe the function of the epiglottis and vocal cords.

7. Describe the location, tissue make-up, and function of the trachea.

8. Describe the location and function of bronchi, bronchioles, and alveoli.

9. Describe the function of the diaphragm.

10. Define ventilation, inspiration, inhalation, exhalation, and expiration.

11. Describe how gas exchange occurs between the alveoli and pulmonary capillaries.

12. Describe where the main respiratory control center is located.

13. Describe how oxygen is transported throughout the body.

14. Explain why carbon monoxide is poisonous.

15. Describe some of the hazards of cigarette smoking.

16. Define bronchitis and describe some signs.

17. Describe emphysema and describe some signs and symptoms.

18. Describe pneumonia and list some causes.

19. Describe asthma and list some causes.