

CH. 15 OVERVIEW - THE RESPIRATORY SYSTEM

1. What is just as important for the body as its need for a constant supply of oxygen? (½ pt)

2. What 2 basic functions do the organs of the respiratory system perform? (1 pt)

3. How does respiration serve to keep your body in homeostasis? (1 pt)

4. What 3 things does the respiratory system do to the air we breathe? (1½ pt)

5. List the respiratory organs. (3 pts)

6. What are alveoli? (½ pt)

7. What is responsible for the exchange of gases that occur in the respiratory system? (½ pt)

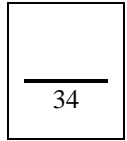
8. What 2 characteristics of alveoli assist in the diffusion of gases? (1 pt)

9. What makes up the upper and lower respiratory system? (1 pt)

10. What is the difference between *respiratory mucosa* and the *respiratory membrane*? (1 pt)

11. List at least 4 contaminants in the air. (2 pts)

12. What major function does the mucus, covering the lining of the respiratory tract, do? (½ pt)



13. What does cigarette smoke do to a person's respiratory system? (be specific) (1 pt)

14. What is a sinusitis? (½ pt)

15. What functions do the paranasal sinuses perform? (1 ½ pt)

16. What do the lacrimal sacs do? (½ pt)

17. What are the Eustachian tubes? What are their purpose? (1 pt)

18. What are the tonsils? What and where are the 2 types? (2½ pts)

19. What purpose is the trachea and what structural strategy helps it to remain open? (1 pt)

20. What is a surfactant? What illness is it called in the absence of surfactant? (1 pt)

21. What is respiratory distress? What can cause ARDS? (1 pt)

22. How many lungs are there and how many lobes does each have? (1 ½ pt)

23. What is pleura? (½ pt)

24. What is atelectasis? (½ pt)

25. What is respiration? (½ pt)

26. What is the difference between external and internal respiration? (1 pt)

27. What are the 2 types of pulmonary ventilation? (1 pt)

28. What is the difference between *oxyhemoglobin* and *carbaminohemoglobin*? (1 pt)

29. Describe the following breathing patterns: (3 ½ pts)

eupnea-

hyperventilation-

hypoventilation-

apnea-

cheyne-stokes respiration-

dyspnea-

respiratory arrest-

30. What are restrictive pulmonary disorders? (1 pt)