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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Respiratory System

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 2  B | R | O | N | C | H | I |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | H |  |  |  |  | 3  A |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 4  P | A | R | T | I | A | L | P | R | E | S | S | U | R | E |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  |  |  |  | V |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 5  V |  | E |  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 6  E |  |  |  |  | I |  |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | X |  |  |  |  | 7  T | I | D | A | L | V | O | L | U | M | E |  |  |  |  |  |  |  |
|  |  |  |  | 8  D |  |  | H |  |  |  |  | A |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 9  C | I | L | I | A |  |  |  | 10  G | L | O | T | T | I | S |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | A |  |  | L |  |  |  |  | C |  |  |  |  |  |  |  |  | 11  V |  |  |  |  |  |  |  |  |
|  |  |  |  | P |  | 12  R | E | S | P | I | R | A | T | 13  O | R | Y | S | Y | S | T | E | M |  |  |  |  |  |  |  |
|  |  |  |  | H |  |  |  |  |  |  |  | P |  | R |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |
|  |  |  |  | R |  |  |  |  | 14  L |  |  | A |  | O |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |
|  |  |  |  | A |  |  |  | 15  L | U | N | G | C | A | P | A | C | I | T | Y |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  | G |  |  |  |  | N |  |  | I |  | H |  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |
|  |  |  |  | M |  |  |  |  | G |  |  | 16  T | R | A | C | H | 17  E | A |  |  | A |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | Y |  | R |  |  | P |  |  |  | T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y |  |  | I |  |  |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 18  N | A | S | O | 19  P | H | A | R | Y | N | X |  | G |  |  |  | O |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | H |  |  |  |  | X |  |  | L |  |  |  | N |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 20  L | A | R | Y | N | X |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | Y |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **2.** The passages that branch from the trachea and direct air into the lungs  **4.** the contribution each gas in a mixture makes to the total pressure  **7.** Amount of air that moves in and out of the lungs during a normal breath  **9.** Hair like structures that filter out particles entering into your nasal cavity  **10.** opening between the vocal cords in the larynx  **12.** system responsible for taking in oxygen and releasing carbon dioxide using the lungs  **15.** The amount of air the lungs can hold  **16.** It is also known as windpipe, it filters the air we inhale and branches into the bronchi.  **18.** the area directly posterior to the nose  **20.** also called the voice box. A passageway for air moving from pharynx to trachea | **Down**  **1.** To breathe in, inspiration  **3.** tiny air sacs found at the end of bronchial tubes where the exchange of oxygen and carbon dioxide takes place  **5.** The total volume of air that can be exhaled after maximal inhalation.  **6.** To breathe out, expiration.  **8.** Breathing begins with a dome-shaped muscle located at the bottom of the lungs.  **11.** The movement of air into and out of the lungs; breathing  **13.** the area directly posterior to the mouth  **14.** The main organ of the respiratory system.  **17.** covers the trachea when you swallow to prevent food from going into your lungs  **19.** The throat; part of both the respiratory and digestive systems |

   Trachea       Lung       Pharynx       Bronchi       Larynx       Diaphragm       Respiratory System       Inhale       Exhale       Cilia       Alveoli       Epiglottis       Nasopharynx       Oropharynx       Glottis       Ventilation       Lung Capacity       Tidal Volume       Vital Capacity       Partial Pressure