Recap Chapter 15 Respiratory System

1. Air from nasal cavity enters -------------------.

2. The part of pharynx communicating with nasal cavity is -----------; with mouth is -------- and with larynx is -----------------------.

3. ----------- covers internal nares during swallowing of food.

4. ----------- covers larynx during swallowing of food.

5. -------- primary bronchus is shorter and wider and -------- primary bronchus is longer and narrow.

6. Right lung has ------ lobes and left lung has ------lobes.

7. -------- bronchioles have some alveoli on them.

8. ---------- is a shield like anterior large cartilage, ------------- is a ring like cartilage narrow anterior and broad posterior.

9. In respiratory system----------- and ----------- have cartilaginous rings but --------lack them.

10. ----------the cartilages of larynx attached to vocal cords that make them move.

11. True vocal cords are -------------- and false vocal cords are -------- in the larynx. (superior/inferior)

12. Tobacco smoke damages -------- of respiratory epithelium and it stops exit of mucous laden with smoke particles.

13. In chronic smokers alveoli walls become inflexible and coalesce together, a condition called ----------.

14. ----------- respiration is exchange of gases between blood and tissues.

15. ------- respiration is exchange of gases between blood and lungs.

16. 70% of CO₂ is travels in blood as --------, 23% as ------------ and 7% as --------------  ----------------.

17. -------- of O₂ travels in blood as oxyhemoglobin and --------% as physically dissolved.

18. During inspiration rib cage moves ------ and ----- and diaphragm gets ----------.

19. During quiet breathing ----------- mls of air is used.

20. During quiet breathing --------mls of air enters respiratory portion and ----------mls remain in the conducting portion = dead space.

21. -------- ------ is the air left in lungs after a forceful expiration and on average is --------mls.
22. ----------reserve volume is the air we can breathe in after taking tidal volume in and ----------reserve volume is the air we can force out after exiting tidal volume.

I added 5 more.

23. Breathing or external respiration ---------------- energy and internal respiration ---------------- energy.

24. External nares to terminal bronchioles form ----------------portion and respiratory bronchioles and alveoli form ----------------portion of respiratory system.

25. Main functions of respiratory system include: making -------available to tissues; production of -------- for communication; and eliminating ----------from body.

26. The paths of food and air cross in --------------.

27. Trachea is --------and esophagus is -------------- in neck.