

Name: Key

Study guide for the Circulatory & Respiratory System Test  
Write your answers on this sheet.

### Circulatory System

1. What is the different function of the veins and arteries?  
*Arteries take blood away from the heart      Veins take blood from the body back to the heart*
2. What is the circulatory system made up of?  
*Blood, Blood Vessels, Heart*
3. What is the largest artery?  
*Aorta*
4. Name all 4 chambers of the heart  
*Rt Atrium, Left Atrium, Rt Ventricle, Left Ventricle*
5. What is the name for the solid part of the blood?  
*Platelets*
6. What is the name for the liquid part of the blood?  
*Plasma*
7. What is the leading cause of death in the USA?  
*Heart Disease*
8. What is the main organ of the circulatory system?  
*Heart*
9. What is the main function of the circulatory system?  
*Pump (Circulate) blood throughout the body*
10. Which type of blood cell carries germ fighters from the immune system to areas of the body that need them? If they are abnormally being produced will cause leukemia.  
*White Blood Cells*
11. Define hypertension, what is another name for hypertension?  
*Force of blood against Artery walls      High Blood Pressure*
12. What is the muscle that gives the lungs the power to inhale and exhale?  
*Diaphragm*
13. What causes a heart attack?  
*Blockage of blood flow to the heart*

14. Name 3 ways to care for the circulatory system

Get Healthy, Exercise, Don't Smoke, Learn to Manage your Stress

15. What causes a stroke?

Blood Clots that Block Vessels in the brain, or from the Rupture of a blood vessel

### Respiratory system

16. Know the respiratory system diagram (make sure you have respiratory diagram)

17. What is the function of the respiratory system? Breathing, intake + exhale

18. What is respiration? the exchange of gases between your body and the air.

19. How many lobes does each lung have? Left 2 lobes Rt three  
to make room for the heart

20. Name the three symptoms of the most common respiratory disease asthma

Wheezing, Shortness of breath, Coughing

21. What disorder is caused by tissues of the lungs being destroyed by a growth or tumor?

Lung Cancer

22. What part of the respiratory system directs air to the lungs?

Trachea

23. What is the function of the bronchi?

Main opening where air enters the lungs

24. What is serious bacterial infection in the lungs?

TB

25. Which part of the respiratory system has two passageways?

Throat

26. What disease is linked to smoking?

Emphysema

27. Name the diseases of the respiratory system

Flu, Pneumonia, TB, Asthma, Bronchitis