Circulatory System STUDY SHEET

1. Which condition refers to uncontrolled high blood pressure?

2. Which are the main parts of the circulatory system?

3. The roads of a city are similar to what structures in the circulatory system?

4. What is the MAIN source of blood to the head, face and neck?

5. Where are the cells that make up the sinoatrial node, or pacemaker, located?

6. Which is the correct direction of blood flow in the heart involve the Pulmonary Artery, Right Atrium, and Left Atrium?

7. In the heart, the mixing of oxygen-rich and oxygen-poor blood is prevented by the

8. Compared with the walls of arteries, the walls of veins

9. Which of the following are the smallest of the blood vessels?

10. Which of the following is NOT a type of blood vessel?

11. The **Internal** Carotid Artery supplies blood to the

12. What is the effect of exercise on the body?

13. The **External** Carotid Artery supplies blood to the

14. The facial artery supplies blood to the

15. When the heart contracts, it produces a wave of fluid pressure in the

16. What does the **submental artery** supply blood to?

17. What does the **Superior Labial artery** supply blood to?
18. What does the Angular artery supply blood to?

19. Which blood cells are most numerous in the body?

20. What does the Inferior Labial artery supply blood to?

21. The superficial temporal artery is a continuation of what artery?

22. Where does the superficial temporal artery supplies blood to?

23. Where does the Frontal artery supply blood to?

24. Where does the Middle Temporal artery supply blood to?

25. Where does the Transverse Facial artery supply blood to?

26. Where does the Anterior Auricular artery supply blood to?

27. Which of the following blood cells contain hemoglobin?

28. Where does the Parietal artery supply blood to?

29. Where does the Occipital artery supply blood to?

30. Where does the Posterior Auricular artery supply blood to?

31. Where does the Supraorbital artery supply blood to?

32. The process by which oxygen and carbon dioxide are exchanged between cells, the blood, and air in the lungs is called

33. Where does the Infraorbital artery supply blood to?

34. The internal and external jugular veins are primarily used to do what?

35. Which of the following is the condition of a lack of Oxygen due to a low supply of RBCs or hemoglobin?

36. What is another name for a White blood cell?

37. About how many WBCs are found in a drop of blood?

38. During an infection, WBCs will rise to what number?
39. What part of the brain controls blood pressure?

40. What is the function of platelets

41. What protein plays the main role for platelets?

42. What is the name of the condition where there is a lack of platelets?

43. Which pressure is when the ventricles CONTRACT and blood pressure rises?

44. Which pressure is when the ventricles RELAX and blood pressure drops?

45. What is the buildup of fat deposits in the arteries?

46. What are the flaps of connective tissue called located between the atria and the ventricles

47. What is the lower chamber of each side of the heart, which pumps blood out of the heart?

48. What is the largest of the arteries?

49. What percent of the volume of blood consists of plasma?

50. What is the process of respiration in the blood? (Involving Oxygen and CO2)