Circulatory System: Review

1. What is the definition of the circulatory system?
2. What are the three components of the circulatory system?
3. True or False – the circulatory system often helps stabilize body temperature and pH.
4. Definition of the Heart:
5. Four components of the heart are:
6. Ventricle:
7. Atrium:
8. The right side of the heart pumps \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (oxygenated or deoxygenated blood to the lungs.
9. The left side of the heart pumps \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (oxygenated or deoxygenated blood to the lungs.
10. What are the three kinds of blood vessels?
11. Arteries:
12. Arterioles:
13. Capillaries:
14. Veins:
15. Blood:
16. True or False – An average adult human weighing 160 pounds has about 10 quarts of blood.
17. True or False – Animals in high altitudes have more blood than those at lower altitudes.
18. Plasma:
19. Red blood cells:
20. Do red blood cells repair themselves?
21. Where are new red blood cells made?
22. How are dead red blood cells removed from the body?
23. White blood cells:
24. White blood cells produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which are a kind of protein that destroys bacteria, viruses, and other invasive substances.
25. True or False – White blood cell count goes up if there is an infection.
26. Platelets:
27. Platelets create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which is important because without them, an animal might bleed to death from a wound
28. The heart pumps blood into the body through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
29. Blood returns to the heart in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (which are usually blue in color).
30. Circulation includes moving blood (hint: three things):
31. List two roles that blood plays as a transport:
32. Maintaining the blood supply is done by what four things?
33. Marrow:
34. Organisms that lose blood may be given blood taken from another animal with the same blood type, which is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
35. Blood analysis:
36. The condition caused by inadequate Iron is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
37. Blood poisoning:
38. Name one thing you thought was interesting that you learned from this unit: