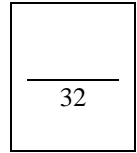


Name _____
Anatomy/Physiology

Hour _____
Date _____

CH 11 OVERVIEW: BLOOD



1. Basically, what is blood? (½ pt)

2. What is *blood plasma* and *formed elements*? (1pt)

3. What are the most abundant types of solute in blood plasma? Explain each. (3 pts)

4. What is *blood serum*? (½ pt)

5. How much blood do you have on average? What percent would that be? (1 pt) _____

6. What are *erythrocytes* and *leukocytes*? (1 pt)

7. What are *thrombocytes*? (½ pt)

8. What is the difference between *myeloid tissue* and *lymphatic tissue*? (1 pt)

9. What are the functions of red blood cells? (1 pt)

10. What is the difference between hemoglobin and oxyhemoglobin? (½ pt)

11. What is *anemia*? (½ pt)
12. What is polycythemia? (½ pt)
13. Explain how the hematocrit test is set up and can help diagnose illnesses. (1 pt)
14. What is a buffy coat? (½ pt)
15. What is aplastic anemia? (½ pt)
16. What is pernicious anemia? (½ pt)
17. What is folate-deficiency anemia? (½ pt)
18. What is the difference between acute blood loss anemia and chronic blood loss anemia? (1 pt)
19. What is iron deficiency anemia? (½ pt)
20. What is hemolytic anemia? (½ pt)
21. What is sickle-cell anemia? (½ pt)
22. What is thalassemia? (½ pt)
23. What do white blood cells do? (½ pt)
24. What type of WBC's engulf microbes? (1 pt) _____
25. What is *phagocytosis* and which type of WBC's use this method? (1 pt)
26. How do lymphocytes function? (½ pt)
27. What is leucopenia? (½ pt)
28. What is leukocytosis? (½ pt)

29. What is a thrombus and thrombosis? (1 pt)

30. What is an embolus and embolism? (1 pt)

31. What is the difference between hemophilia and thrombocytopenia? (2 pt)

32. What is *blood doping*? What does it do for the athlete? (1 pt)

33. What is an *antigen*? What acts as antigens in the body? (1 pt)

34. What is an antibody? (½ pt)

35. What are the 4 types of blood? (2 pts)

36. Which types of blood is a universal donor and universal recipient? (1 pt)

37. What is *erythroblastosis fetalis*? (1 pt)