

Name: _____ Period: _____ Date: _____

Complete the following table and complete the information below: **BLOOD WORKSHEET #1**

KEY: protein A, protein B, protein AB, type "O" no protein present antibody D protein D

| Blood Type | Agglutinogens present | Agglutinins present | Can donate to: | Can receive from: |
|------------|-----------------------|---------------------|----------------|-------------------|
| 1. | 2. | B | 3. | 4. |
| 5. | AB | 6. | 7. | 8. |
| O negative | 9. | 10. | 1. | 12. |

1. The formation and development of blood cells/solids is called:
2. A motile, phagocytic leukocyte with a multi-lobed nucleus is known as a(n):
3. The smallest formed elements in the blood are
4. Destruction of red blood cells with the release of hemoglobin is known as:
5. All of the following are involved in the process of blood clotting:
6. A person with blood type O can receive a transfusion of:
7. The substance that triggers clotting and is normally not found in circulating plasma is:
8. What conditions result in increased erythropoiesis
9. A transfusion reaction occurs as a result of interactions between
10. The leukocytes responsible for antibody formation are
11. All plasma proteins, with the exception of the circulating antibodies, are formed in the:
12. ** A blood transfusion will be successful if:
13. Any condition in which the oxygen-carrying capacity of the blood is reduced is called:
14. Large "janitor" cells, found principally in the body tissues, are
15. Hemoglobin is an important component of blood because of its ability to
16. ____ incompatibility may cause erythroblastosis fetalis
17. A mature red blood cell has a life span of about
18. ** Anemia may result from: _____ Aplastic anemia results from _____
19. Which white blood cells contain histamine and heparin and may help to prevent inappropriate clotting

