Red Blood Cell Quiz A

1-3. Diagram a red blood cell from someone with AB type blood (show antigens and antibodies).

4. The protein in red blood cells that carries oxygen is?
   a. erythropoiesis
   b. melatonin
   c. hemoglobin
   d. urobinogen

5. Bile is made from the breakdown of which of the following?
   a. heme
   b. biliverdin
   c. marrow
   d. erythropoietin

6. A person with blood type A which of the following on the surface of their RBCs?
   a. B antigens
   b. A antibodies
   c. A antigens
   d. Rh antigen

7. True or False: Red blood cells are biconcave in shape.

8. True or False: Blood appears dark red (burgundy) once the hemoglobin has released its oxygen to the cells. It is now called deoxyhemoglobin.

9. True or False: Mature red blood cells have mitochondria.

10. True or False: Erythropoietin is the process of making red blood cells.