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**ANATOMY & PHYSIOLOGY EXAM 2**  
**(answer key @ the last page )**

**INSTRUCTION:** Select the BEST answer for each of the following questions. Mark only one answer for each item by encircling the corresponding letter of your choice.

**MULTIPLE CHOICE**

1. The blood of an average adult weighs about 7-9% of his total body weight, 55% of that is the liquid part of the blood. What is the liquid part of the blood?  
(a) Plasma.  
(b) Formed elements  
(c) Red blood cells  
(d) Platelets
2. Silvia an 18-year old waitress, diagnosed with anemia, a condition in which the carrying capacity of the red blood cells to circulate oxygenated hemoglobin is slowed down. What is the lifespan for the red blood cells before it is phagocytized in the spleen and liver?  
(a) 25  
(b) 50  
(c) 75  
(d) 120
3. The following are all white blood cells, except:  
(a) Neutrophils  
(b) Platelets  
(c) Monocytes  
(d) Eosinophils
4. The vein delivers unoxygenated blood to the heart. What blood vessel circulates oxygenated blood throughout the body?  
(a) Artery  
(b) Vein  
(c) Capillaries  
(d) Nerves
5. The kidneys release a hormone in which increases the production of erythrocytes, what is the hormone that stimulates the bone marrow to increase production of your red blood cells?  
(a) Leukocytes  
(b) Thrombocytes  
(c) Erythrocytes  
(d) Leukopoiesis
6. These arteries deliver what type of hemoglobin It is essential for the transport of nutrient and gas exchange in the body?  
(a) Oxygenated  
(b) Unoxygenated  
(c) Ammonia

# Anatomy And Physiology Exam And Answers

**Michael Hoelscher**



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