
Lab3: Vascular Anatomy

Name: _____

1. The largest artery in the human body, which carries oxygenated blood away from the heart to the rest of the body, is the _____.
2. The vein that returns deoxygenated blood from the lower part of the body to the heart is called the _____.
3. The blood vessels responsible for the exchange of oxygen, nutrients, and waste products at the cellular level are called _____.
4. The major artery that supplies blood to the brain, head, and neck is the _____ artery.
5. Blood flows from the heart to the lungs through the _____ arteries to pick up oxygen.

Below or on the back of this paper, draw a “subway map” of the blood vessels you are responsible for knowing. Take a look at the DC Metro map if you don’t know what one looks like. Don’t worry about making it anatomically accurate other than the branches and intersections. Start with the four chambers of the heart as the central station. Get general directions down. Use colors. Label the branches. Label the target organs or regions of the body. Get creative. **Be able to draw this from memory.**