

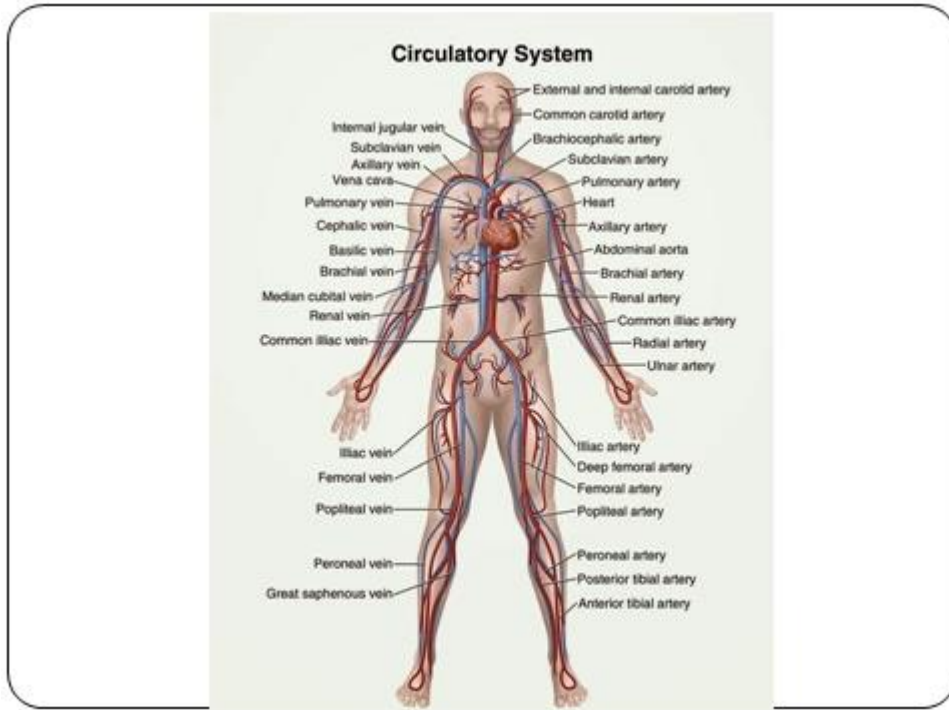
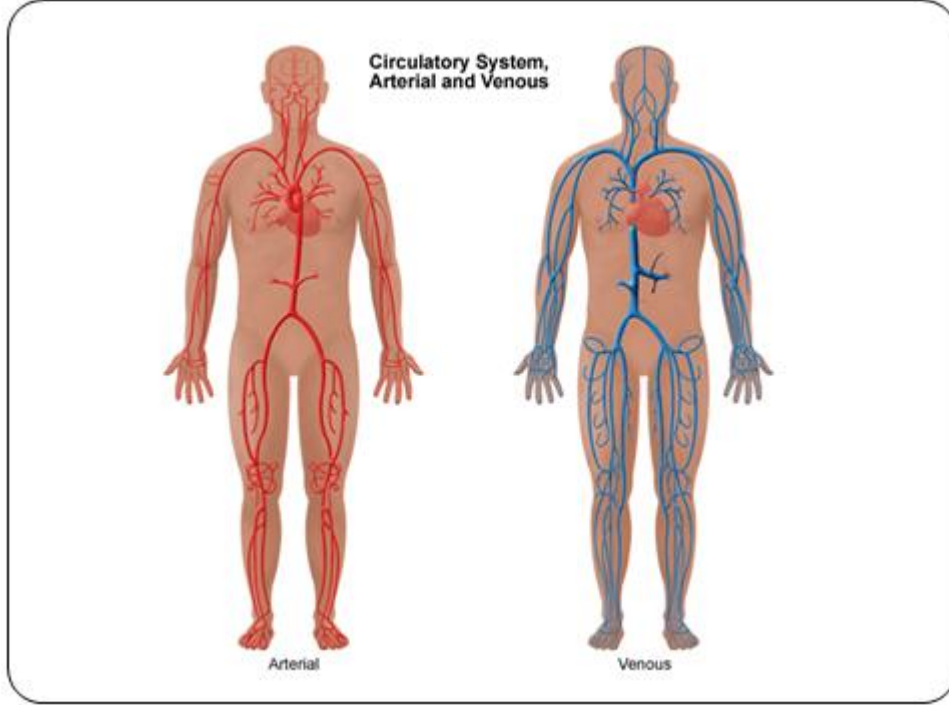
কুরআন রিসার্চ ফাউন্ডেশন

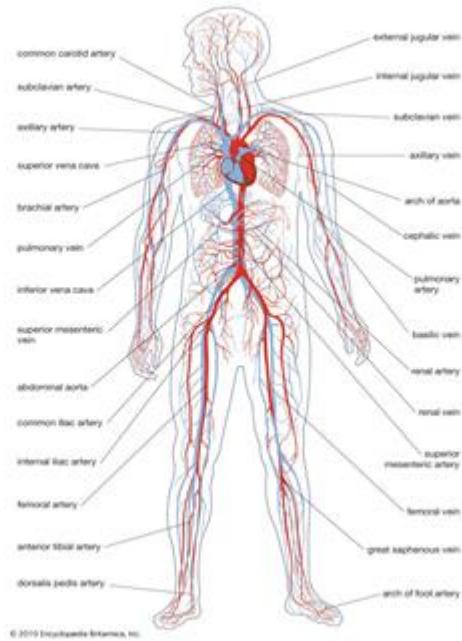
ফোর-ইন-ওয়ান কুরআন শিক্ষাকোর্স-১২তম ব্যাচ
সাধারণ মানব শরীর বিজ্ঞান (Popular Human Biology)

ক্লাস-৮

বিষয়: শারীরিক সড়ক যোগাযোগ পদ্ধতি
(Road link system body) পর্ব-২

Lymphatic system





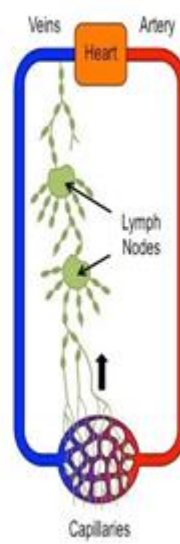
Circulatory System

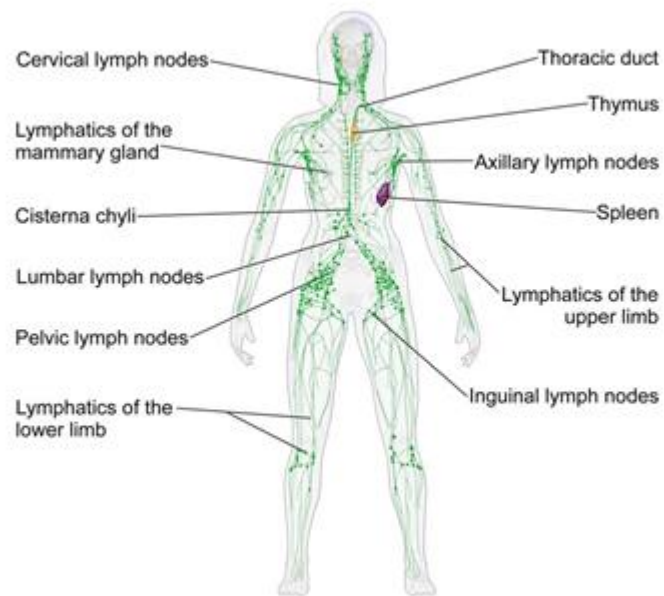
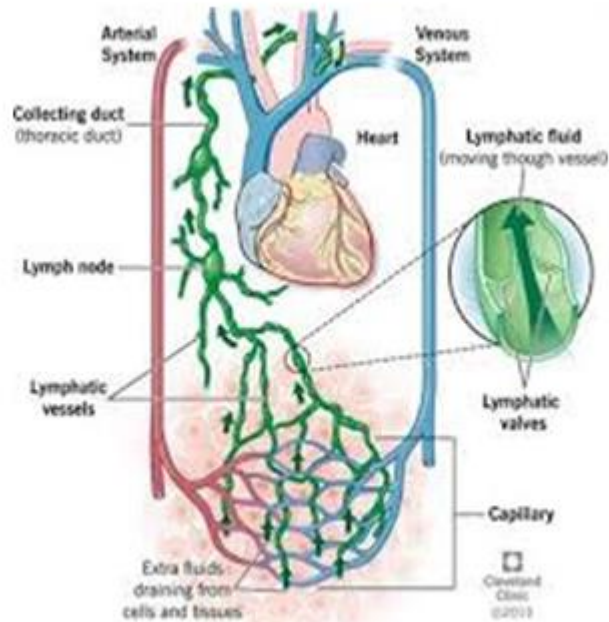


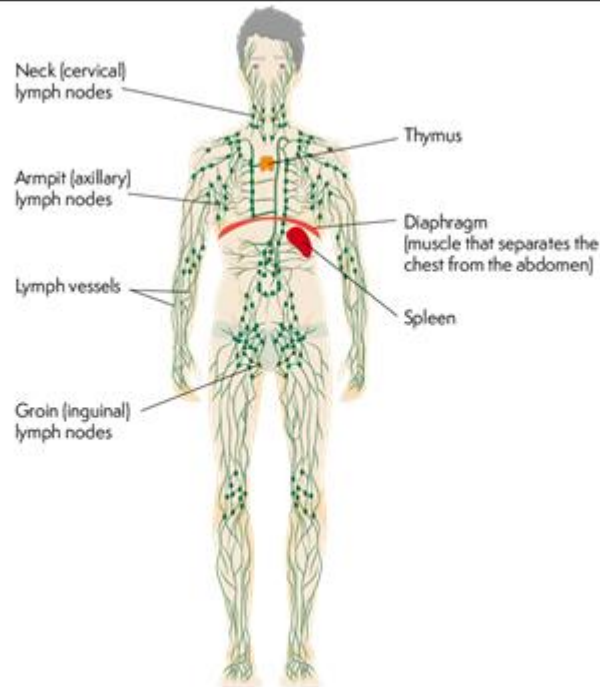
Lymphatic System



Inter-relationship between systems

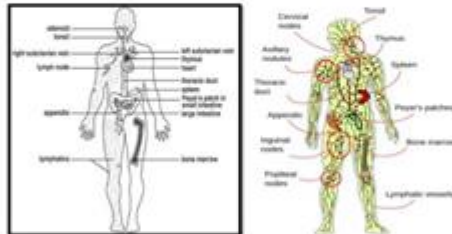






Lymphatic System

- Within the body, there are two circulatory systems, the blood and the lymph.
- Components of the blood that leave the vessels and enter the tissues comprise the extracellular fluid.
- This fluid returns to the blood by draining into a network of vessels called **lymphatics**.
- At the junction between major lymphatic vessels are small, bean-shaped, discrete aggregates of tissue called **lymph nodes**.
- The lymphatic system includes the organs where lymphocyte maturation, differentiation, and proliferation take place.



Primary and secondary lymphoid organs

What is lymph?

- Lymph means "clear water" and it is the colorless fluid and protein that has been squeezed out of the blood.
- Lymph is a fluid similar in composition to blood plasma.
- Changes in plasma composition will change lymph composition.
- Protein concentration of lymph is lower than in plasma