

HW

① Arteries

- Involved in carrying oxygenated blood except for pulmonary arteries
- consist of 3 distinct layers, which are rigid, thick, and highly muscular
- located deep within the body
- Red in colour
- High pressure as the blood flows by the pumping pressure of the heart

Veins

- Involved in carrying deoxygenated blood except for pulmonary veins
- consist of 3 distinct layers, which are thinner and less muscular
- peripherally located close to the skin
- Blue in colour
- low pressure as the blood flows by the capillary action of the vein.

② Guttation is the loss of water in the form of water droplets by plants, & from the margins of their leaves through special pores called hydathodes.

③ ~~Latex~~ → ~~Milkwood~~ family

④ Latex - Euphorbiaceae, Sapotaceae

Alkaloids - Morphine, Nicotine

⑤ The lymph nodes produce special WBC's like lymphocytes, which engulf and destroy the microbes and thus provide protection. Lymph nodes, spleen, etc. are the different lymph ~~canal~~ organs and they play a major role in the immune system of our body.