

Q1. Veins

Arteries

Carries blood from tissues to heart.

Carries blood from heart to tissues.

Can be seen on the surface of skin.

Found deep inside the body.

Lesser muscular than arteries.

More muscular than veins.

Collapse if blood flow stop.

Do not collapse if the blood flow stops.

Q2. The secretion of droplets of water from the pores of plants is called guttation.

Q3. Guttation is considered to be harmful to plants if occurs regularly because if excessive water is lost from the plant then the plant will die as no water will be there for photosynthesis.

3.02 Latex - Maraceae and Asclepiadaceae.



b) Alkaloids - Morphine and Nicotine

Q5. The lymphatic system plays an important role in providing immune response to harmful microorganisms and toxins that enter our body.

It produces and releases lymphocytes and other immune cells that monitor and they destroy the foreign invaders that enter our body.