

Hw- 6/7/21

(Q1) Difference between artery and veins.

Arteries

- They carry blood away from the heart.
- They carry oxygenated blood
- They are located deep inside the body and are thick walled.
- They are red in colour

Veins

- They carry blood towards heart.
- They carry deoxygenated blood
- Located close to the skin and are thin walled
- They are blue in colour

(2) What is guttation?

ans- Guttation is a process of secretion of water droplets from the pores of vascular plants

(3) Why is guttation considered to be harmful to plants if occurs regularly

ans- when there is excess guttation the water evaporates, it leaves white spots on leaves, these spots are minerals that stay behind ~~and~~ once water dries up and form white spots that will eventually accumulate and start damaging the leaf cells creating leaf burn spot.

(4) Give 2 examples of each

(a) Latex - Rubber, chicle

(b) Alkaloids - nicotine, caffeine

(5) How does lymph help in providing immunity to our body?

ans- The lymph is a fluid which circulates in the lymphatic system. The fluid contains maximum no of B cells, immune cells, these immune cells are involved in providing immunity to the body. They are responsible for protecting the body against diseases, the ^{pathogenic} organisms which enter in the lymphatic system are destroyed by these cells.