

Home assignment

Q1) Differentiate between artery and vein.

Arteries

veins

- Involved in carrying oxygenated blood except for pulmonary arteries
- Carry blood away from the heart to various parts of the body

- Involved in carrying deoxygenated blood except for pulmonary veins

- Carry blood towards the heart from the various parts of the body

Q2) What is guttation?

Guttation is the process of secretion of water droplets from the pores of some vascular plants through xylem tissue.

Q3) Why is guttation considered to be harmful to plants if occurs regularly?

If guttation occurs regularly it will be harmful for plants as the plants have to lose much water and it can affect photosynthesis and survival of the plants.

Q4) Give examples of each

(a) Latex Euphorbiaceae
 Asteraceae

(b) Alkaloids Colchicine
 Atropine

Q5) How does lymph help in providing immunity to our body?

The lymphatic system is part of the immune system. It produces and releases lymphocytes and other immune cells that monitor and then destroy the foreign invaders.