

Worksheet (Contrast and Coordination)

1) Differentiate between artery and veins.

Arteries

Veins

- Involved in carrying oxygenated blood except for pulmonary arteries.
- Involved in carrying deoxygenated blood except for pulmonary veins.
- Consists of three distinct layers which are rigid, thicker and highly muscular.
- Consists of three distinct layers, which are thinner and less muscular.
- Red in colour.
- Blue in colour.

29 What is guttation?

Ans = Guttation is the exudation of drops of xylem sap on tips or edges of leaves of some vascular plant. Such as grasses, and a number of fungi.

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

Ans. As guttation is not a natural process so, if it occurs regularly then it will cause dehydration to the plants.

4) Give 2 examples each a) latex
b) alkaloids

a) ~~latex~~ - latex - datura

b) alkaloids = morphine, quinine

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

m - The lymphatic system plays an integral role in the immune function of the body. It is the first line of defence against the disease.