

Q. Differentiate between artery, veins

Ans.

Artery

Veins

(i) Arteries are thick walled blood vessels which carry blood from the heart to all parts of the body.

(i) Veins are thin walled blood vessels which carry blood from all parts of the body to heart

(ii) They have thick walls because blood emerges from the heart under high pressure.

(ii) They don't have thick walls because the blood flowing through them is no longer under high pressure.

Q:- What is guttation?

Ans.

It is the secretion of water on surface leaves through specialized pores.



Q: 3. Why is guttation considered to be harmful to plants if occurs regularly?

Ans We can see guttation frequently in high humid areas because the transpiration is low. Drops of water found on grass on morning isn't the result of transpiration but is guttation. This water contains minerals like calcium, so, guttation is considered to be harmful if occurs regularly.

4. Give 2 examples each —

(a) latex

(b) alkaloids

Ans Latex - Asclepiadoidae, Apocynaceae  
Alkaloid - Nightshades, anaryllis

5. Lymphs ~~provi~~ produces and releases lymphocytes which destroy the foreign invaders such as virus, bacteria etc and helps immune system.