

## HOME ASSIGNMENTS

1. Differentiate between artery and veins.

~~Arteries - Veins~~

### Arteries

- These are thick walled vessels
- It carries <sup>oxygenated</sup> blood from heart to all the parts
- Blood flows under high pressure.
- Valves are present
- Arteries are usually positioned deeper within the body

### Veins

- These are thin walled vessels.
- It carries deoxygenated blood from other parts of the body back to the heart.
- Blood flows under low pressure.
- Valves are absent.
- Veins are usually positioned closer beneath the surface of the skin.

2. What is guttation?

Guttation is the process of secretion of water

droplets from the pores of some vascular plants like grass. It is caused because of root pressure and also it causes permanent loss of water.

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

Guttation is considered to be harmful in plants if it occurs regularly because it may lead to excess water loss from the plant leading to its death.

4. a) Latex - Rubber, Resins, gums  
b) Alkaloid - Opium, Quinine, Nicotine, Caffeine.

5. How does Lymph help in providing immunity to our body?

Lymphatic system is a part of the immune system. It produces and releases lymphocytes (WBC) and other immune cells that destroy the foreign invaders and protect the body. Thus, lymph helps in providing immunity to our body.