

1<sup>o</sup>

Artery

veins

⇒ They carry oxygenated blood.

⇒ They carry blood away from heart to tissues of the body.

⇒ Valves are absent.

⇒ They possess narrow lumen.

⇒ They carry deoxygenated blood.

⇒ Veins carry blood from the tissues of the body back to heart.

⇒ Valves are present.

⇒ They possess wide lumen.

2<sup>o</sup> What is guttation?

It is the process of secretion of water droplets from the pores of some vascular plants like grass.

3<sup>o</sup> It is considered harmful to the plant if occurred regularly, because it's ~~also~~ excess circulation causes the water to evaporate and leaves white spots on leaves. These spots are minerals that they behind once water dries up and forms white spots that will eventually accumulate and start damaging leaf cells & creates leaf burn spots.

4? a) Latex :-

- => ~~Euphorbiaceae~~ Rubber
- => ~~Moraceae~~ Gum.

b) Alkaloids :-

- => Morphine.
- => Colchicine.

5? Lymph in our body contains cells called lymphocytes. Lymphocytes are of two types T cells and B cells. B cells produce antibodies that can latch on and destroy invading viruses or bacteria. Thus in this way lymph help in providing immunity ~~is~~ to our body.