

Q) Differentiate between artery & veins.

Artery

→ Carry blood away from the heart

→ Have thick muscular walls.

→ Have small passage ways for blood.

→ Contain blood under high pressure.

Veins

→ Carry blood to the heart.

→ Have thin walls.

→ Have larger passage base for blood.

→ Contains blood under low pressure.

Q) What is guttation?

Guttation is the loss of water in the form of water droplet from small pores on the leaf margin.

Q) Why is guttation considered to be harmful to plants if occur regularly?

When there is excess guttation the water evaporates & leaves white spots on leaves.

These spots are minerals that stay behind once water dries up & forms white spots that will eventually accumulate and start damaging leaf cells creating leaf burn spots.

- Q) Give 2 examples each
- a) Latex - rubber, glue, gloves
 - b) Alkaloids - morphine, nicotine, caffeine
- c) How does lymph help in providing immunity to the body?

The lymphatic system is a part of our immune system. It produces and releases lymphocytes and other immune cells that monitor and then destroy the foreign invaders - such as bacteria, parasites, viruses that enter our body.