

Q1. Ans- Advantages of closed circulatory system:

More efficient

Blood can reach further distances

More control over oxygen delivery.

Allow process of ultrafiltration.

Higher metabolic rate.

Disadvantages of closed circulatory system:

A small damage can lead to full dysfunction of the system.

Increase chances of heart attack.

Q2. Ans- If humans were ~~fed~~^{fed}, plants & tissues throughout their evolution then their digestive system will resemble more like herbivores.

Human might also have a fully functional rumen for breakdown of cellulose present in plants.

Q3 Ans - After exercise wear and tear of muscle tissues occur, our heart beat increases and results in increase of body temperature.

This occurs as a lot of energy is used during exercise.

We know that humans are warm blooded animals. So to maintain a warm body temperature during cold environment our body shivers to produce heat.

Q4. Ans - a) True b) ~~True~~ False c) True d) True e) False