

Life process (worksheet)

1) Discuss the advantages and disadvantages of a closed circulatory system

Ans: Advantages

The advantages of a closed circulatory system is that with the blood always contained in vessels, it is under higher pressure. This means it can flow faster which is necessary for supporting the metabolic rate of more complex animals such as vertebrates. Open circulatory systems are low-pressure systems that cannot meet the need of a fast metabolism.

Disadvantages

Closed circulatory systems have the blood closed at all times within vessels of different size and wall thickness. In this type of system blood is pumped by a heart through vessels. Any damage to any blood vessel will affect all tissues. Blood is

Q2) The digestive system of humans is intermediate between that of strict carnivores and that of strict herbivores.

If it had been herbivorous all those digesting bacteria, herbivores and joint ~~factor~~ teeth and long cecum. If we were carnivores they have long canine teeth & cepatic enzyme. Explain why we become warm during exercise and explain the usefulness of shivering when it is cold.

Body heat is increased with exercise because your body is being activated. your heart rate is increase and the result is your body will sweat which is our way of cooling ourselves down.