

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

Advantages

It provides more power in the form of pressure compared to the open circulatory system. The closed circulatory system operates with much higher blood pressure though it is said to be more efficient considering that it uses much less blood for even faster and higher level of distribution.

Disadvantages

→ Compared to the open circulatory system the closed circulatory system requires more energy for distribution of blood.

The digestive system of human is intermediate between that of strict omnivores and that of strict herbivores. How might you expect your digestive system to be different if we had P₆ exclusively on plant tissues throughout history?

omnivores have different digestive systems that either ~~eat~~ ^{Herbivores} ~~eat~~ ^{Herbivores} or the other had can have very complex digestive systems that can include multiple stomach chambers and regurgitating food for re-chewing because plant material are much harder to digest

omnivores for the most part are somewhere in the middle instead of trying to process the harder materials through the omnivore digestive tract sends the material out as waste

Explain why we become warm during exercise and explain the 'chills' or shivering when it is cold

Body heat is increased with exercise because your body is being active your heart rate is increasing and the result in your body will sweat which is one way of cooling ourselves down as your body doesn't be sweat we produce it will result in releasing heat.

shivering - nerve impulses are sent by the hypothalamus to skeletal muscles to bring about contractions the neurotransmitter

Shivering therefore help raise the body temperature
Increase in metabolic rate.

True / False

- (a) The loss of water vapor by plant is called transpiration - T
- (b) The reaction is the reaction of the products of photosynthesis - T
- (c) Stretching of inner wall of guard cell opens the stoma - T
- (d) Arteries are the wider blood vessels - T
- (e) Bowman's capsule is found in the heart - F