

Q1) The advantages of a closed circulatory are

- > The circulation of the blood is fast.
- > Hence more energy can be produced in less time.
- > Sufficient nutrient are provided and also waste transportation is fast.

The disadvantages of a closed circulatory system are -

- > It requires more energy than open circulatory system.
- > The mechanism is complex than the other one.

Q2) If human beings ever have fed exclusively on plant tissue throughout our evolutionary history the our digestive system must have contained cellulose digestive bacteria to brake down the cellulose in plants and we must have had a well functioning appendix.

Q3) When we do heavy exercise we need extra energy and this is due to fact heart beat of our heart. The heart pumps the blood really fast that it reaches for respiration and generates heat as by product. But since we don't get the time to radiate that heat our body temperature

increases gradually. Shivering can be also termed as vibration. When our body shivers our cells strike among each other and they produce heat energy from their kinetic energy. So it is natural in winters.

- Q4)
- a) True
 - b) True
 - c) True
 - d) False
 - e) False