

## Homework

Q. Discuss the advantages and disadvantages of a closed circulatory system.

Advantages →

1. It is efficient in delivery of  $O_2$  through an organism.

2. It has a separate lymphatic system.

3. It is more structured and controlled.

Disadvantages →

1. It is more complex.

2. Requires more energy.

Q. Explain why does our body heat up (exercise)?

1. It is because our body is active and heart rate increases and when reserved energy is depleted your body produces ATP. This process gives heat as a byproduct.

2. Shivering is for rapid contractions that generate heat. So it helps to raise temp.

4. (a) False (b) True (c) False (d) True  
(e) False

Q16 If we would be feeding on plant tissues  
we would be having a longer small  
intestine as all collection products take  
long time