

## Home assignment

### 1. Advantages

- It is efficient in delivering oxygen throughout an organism.
- It provides more power in the form of pressure.
- It has a lymphatic system that works separately.

### Disadvantages

- It is more complex than the open circulatory system.
- It provides more power in the form of pressure.

2.

When humans began adding meat to their diet, there was less of a need for a long digestive tract equipped for processing lots of plant matter. Slowly, over hundreds of thousands of years, the human gut shrank.

This feed up energy to be spent on the branch, which grow explosively in size.

3. Body heat is increased with exercise because our body is being active, so our heart rate is increasing, and which needs more energy not only in heart but also in other parts of the body and it result increase in temperature in our body. Shivering occurs in cold to raise the body temperature by doing rapid contractions to generate heat.

- 4.
- a. True
  - b. False
  - c. False
  - d. True
  - e. False